



# Five-Year Capital Improvement Plan 2016-2020

Updated June, 2016

## SAINT LOUIS COUNTY Board of Commissioners

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County Administrator, Kevin Z. Gray

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## **Introduction - St. Louis County Capital Improvement Program Fiscal Years 2016 – 2020**

Each year, as an integral part of its annual budget process, St. Louis County updates its Capital Improvement Program plan. The Capital Improvement Program (CIP) is a plan that matches the county's major capital needs regarding long-term physical asset development with the financial ability to meet these needs in a manner that attempts to better ensure the effective and efficient provision of government services and operations while maintaining a strong county infrastructure. The county's CIP identifies projects that have been designed to support existing or projected needs in the following areas: transportation infrastructure (roads and bridges), county facilities, land improvement/development/acquisition, equipment purchases, and technology. CIP projects require a total expenditure of at least \$100,000 and must provide for or extend the useful life of the asset for at least 5 years.

The CIP is vital to the county because it is the principal planning tool designed, and utilized strategically, to achieve growth and development as envisioned in the county's Departmental Business Plans. The county strives to balance debt issuance with current property tax levels for capital projects in a concerted effort to minimize tax burden while at the same time better aligning the organization to meet the ever changing demands placed upon local governments.

In so doing, the county maintains its strong financial standing, achieving an AA+ rating from Standard and Poor's rating services in 2013, 2014 and 2015. Further, the county continually strives to more effectively and completely integrate its capital and operating budgets; as such it is as a tool to balance capital needs and associated operating cost implications.

Through a detailed process of prioritization, project selection, and implementation detail, the CIP serves to guide the use of the limited resources that are available for capital projects. By providing a planned schedule, cost estimates, location of public sector improvements, project rationale, operating budget implications, and energy conservation considerations, the CIP provides local elected officials and the public with valuable information concerning proposed public facilities, transportation infrastructure, technology and capital equipment needs and their associated costs; while at the same time providing private sector decision makers with valuable information upon which to base investment decisions. Ultimately, the county will benefit from the coordination of orderly and efficient programs of private and public investment intended to maximize outside revenue sources and effectively plan for the growth and maintenance of the county's infrastructure.

### **Goals of the CIP**

The CIP is prepared in consideration of two major goals:

1. To address the County's immediate and long-term capital needs, the CIP is guided by the following priorities, which were adopted by the County Board of Commissioners in 2007:

- Maintaining a strong county infrastructure (buildings, equipment, information infrastructure and personnel) in order to protect the County's investment.
- Expanding the tax base in a way that will benefit the health and well-being of citizens.
- Managing and encouraging orderly growth in coordination with other units of government and the private sector to promote a healthy local economy.
- Providing County services in the most efficient, effective and safe manner.



- Maintaining and improving a healthy, viable ecosystem and the community's quality of life.

2. To explore all feasible funding sources (as time and resources permit) in order to finance the County's capital needs.

Funding Priorities: Projects with the following characteristics are given priority for funding:

- Maintenance and/or improvement of the county's infrastructure
- Enhancement of County service delivery.
- Public health and public safety – prevents or corrects a major health or safety hazard.
- Legal requirements – clearly demonstrates a mandate by State or Federal law.
- Economic development – directly increases net annual revenues and creates indirect community wealth, i.e. jobs, business retention, etc.
- Budget impact – reduces operating costs or is eligible for available funding sources.
- Relationship to other projects – completes a project that is underway or advances the effectiveness of another project.
- Implementation of Business Plans or governing body policies – directly referenced in existing plan or policy or is essential to the implementation of programs adopted by the Board of Commissioners.
- Joint use – combines two or more projects resulting in immediate or future savings.

### **Relationship of the CIP to the Operating Budget**

The operating budget and the CIP are closely related. The CIP is a plan that matches the County's major capital needs with the financial ability to meet them. As a plan, it is subject to change, however, a sound and reliable CIP is an invaluable planning tool that serves to aid the process of maintaining the good financial health of the County. That said, the CIP remains a living document that provides a constant reference point for broad ranging organizational discussions relating to the intrinsic relationship of capital infrastructure to the operation and mission of the county as expressed in the exploration of program and service delivery modalities, the increasing need for organizational efficiencies, downward budgetary pressures from state and federal sources, and increased burdens on tax payers. As local governments are forced to evolve in a climate trending toward increasing budgetary restriction, the continued refinement of strategies that integrate all elements of an organization into any decision-making matrix is paramount to the effective provision of government services in this day and age.

CIP projects that are proposed to be funded by General Fund revenues are intended to be included in the Budget in the appropriate year(s). Even so, because circumstances may change between the adoption of the CIP and the Budget, CIP projects must be resubmitted as part of each department's annual budget request, a step which promotes additional review of project details in light of new budget realities. Funds for such projects are not available unless and until they are included in the budget approved by the County Board of Commissioners.

The completion of capital projects directly impacts a department's operating budget as projects are completed and require maintenance and upkeep. Also, some facilities may require additional staffing and utilities, such as electricity and water, above current levels. Or, conversely, some departments may find that capital investments will positively impact their operating budget through energy conservation, strategic co-locations, and other operational impacts that influence how departmental resources are utilized. County-wide strategies which are moving the organization toward energy efficiency, co-located departments, consolidated

customer service centers, and the like are continually influencing CIP decision-making in a manner that seeks to improve rather than detract from operational budgets. Said impacts may not be readily evident when projects are funded and are constructed over several years. Consequently, the impacts of capital projects on the annual operating budget are estimated when available. Most projects will not have an operating impact in the year during which they are funded, thus continual tracking of associated costs on operations due to completed CIP projects feeds back into the decision-making process on CIP projects under consideration. Efforts in the area of tracking project cost payback due to energy efficiencies or other cost saving measures, which have been engineered into a CIP project, can prove to be a cost-saving measure for the county over time. Additionally, over the past two years the county has been implementing an asset management system to define and provide estimates for infrastructure needs to further aid in the development of a capital investment strategy that reduces operating costs over time while maximizing the direct impact of project funding.

### **CIP Strategy, Review & Adjustment**

In an effort to further the integration of capital and operating budgets while defining appropriate levels of capital infrastructure investment, St. Louis County Administration Department has worked together with the Auditor's Office, Sheriff's Office, Public Works, Property Management, information Technology, Land and Minerals, Environmental Services and the Planning & Community Development departments to strategically improve the CIP process by bringing it into closer alignment with overall county strategies as represented in the Board of Commissioner's key priority areas as stated above.

Strategic CIP efforts have included:

- Working with Public Works to streamline its CIP submission process by building on their 10-year State Transportation Improvement Plan, developing a new project submission form that aligns with their road and bridge asset management system, and implementing a common asset management system for facilities that includes Facility Condition Index ratings for each facility as a key facility performance indicator county-wide. Public Works completed asset management assessments of its buildings in 2014. Property Management will run the asset management system for all Property Management and Public Works facilities.
- Working with Property Management more closely on submissions so that prioritization, energy efficiency, building life cycle management, facility integrity, departmental lease costs (for office space), co-locations of departments/functions, safety/security, and project decision-making happens in advance of bonding cycles and in-line with broad county facility goals. As mentioned above, the county purchased and implemented an asset management system that assists the Property Management Department (and other participating county departments with facilities) to more effectively track and measure facility and system life cycles, manage energy consumption and measure facility efficiency, replacement and/or improvement cost. This system will in turn promote more effective alignment of capital improvement needs with operating budget realities by providing a tool to measure the impact of capital investment on facility integrity and departmental operational budgets.
- Working with the Auditor's Office to continue to improve the information collected as part of the annual update to the CIP so as to provide the most solid basis for bond work possible.

- Working with the Information Technology and Planning and Community Development departments to include a technology section in the CIP. This inclusion provides for large-scale infrastructure projects and systems such as our Land Records Portal.
- Working with all departments on CIP submission to enhance the information provided.
- County Administration has been working closely with departments to identify more customer-friendly interface options for county facilities, which would serve to ensure public and employee safety, create a welcoming center for the delivery of county services, promote inter-departmental synergies across like or complementary service areas, and provide for more effective and efficient utilization of current county facilities. Such projects include the Public Health and Human Services Department's centralized client intake centers (Duluth, Ely, Hibbing), the property/planning/records/taxation customer center (Virginia), and other projects that encourage collaboration and enhance customer service.
- Changes in the CIP submission form included the addition of Energy Conservation Considerations, a building Facility Condition Index rating, project payback information, project prioritization and rationale, and an asset life cycle determination for all projects related to facilities.
- Additional strategic CIP submission form changes include the requirement to provide the date of the last project cost estimate update to ensure more accurate cost estimation or to trigger the cost estimate updates; and guidance to county departments to select "other" as the funding sources on the form to trigger discussion on potential funding sources, strategies, and other considerations at present undefined.

## **Financial Assumptions**

The FY 2016-2020 CIP has been prepared with the following financial assumptions:

- A bond issuance in July 2016 for additional Transportation Improvement Plan projects funded with dedicated revenue from the Transportation Sales Tax is included.
- A bond issuance in late 2017/early 2018 for building projects proposed in this CIP amendment. The bond schedule will continue to change based on project need and financial realities.
- All contributions from the General Fund have been incorporated into actual 2016 and proposed 2017-2020 forecasted budgets for this update. Projects funded through contributions from the General Fund include transportation and operations infrastructure (buildings, roads and bridges). The planned contributions are included in the five year projection for financial planning purposes. However, funds for such projects will not be available unless and until they are approved by the Board of Commissioners. As such, contributions to specific projects in later years are subject to change.

## **Criteria for Inclusion in the CIP**

### **Conformance with Chapter 383C**

Chapter 383C of the Minnesota State Statutes contains laws that are specific to St. Louis County. In 1989, the legislature amended this chapter by including a provision allowing St. Louis County to develop and implement a capital improvement program. The 2016-2020 Capital Improvement Program is intended to fulfill this statutory authority.

### **Conformance with Chapter 373.40 Criteria**

Chapter 373.40 requires the County to prepare its capital improvement program (CIP) consistent with the eight criteria contained in Section 2, Subdivision 3 of Chapter 373.40. The information required is summarized below for each of the eight criteria.

### **Condition of the County's Infrastructure**

St. Louis County's infrastructure includes roads and bridges, three court houses, office buildings, highway maintenance facilities, and landfill service stations and the like totaling 170 structures, 3,000 miles of road and 601 bridges. The condition of the infrastructure is reviewed on an annual basis. The CIP contains several projects that are intended to upgrade and preserve these facilities in-line with the Board of Commissioner's strategic focus area *Strong County Infrastructure*. Additionally, proactive management, upgrade and maintenance of county facilities directly translates to cost-savings overall when facilities and infrastructure investments are planned and implemented as part of an overall county asset management strategy.

### **The Likely Demand for the Improvement**

All the improvements proposed in the CIP have been evaluated for alternative actions including the "do nothing" alternative. Also, the CIP projects for each department are reviewed by the County Administrator's Office to ensure that each project is designed to meet a future demand of the public and the county. County efforts to develop and implement broad infrastructure improvements are continually refined in light of overall budget strategies, staffing and service efficiencies, asset condition/life cycle, energy efficiency, existing long-range plans, present cost-effectiveness, projected financial implications, and Board of Commissioner's key priority areas.

### **Estimated Costs of the Improvements**

The County's CIP process requires each project's cost estimate to be as accurate as possible at the time the project is proposed and, additionally, that a project description form be submitted with each project estimate. The process requires annual review and updating of each non-capital budget item. The continual review of project cost estimates, as a practice, is a critical component of the county's strategy for CIP decision-making and implementation. On-going collaborative planning between Administration and other county departments will be further enhanced by the integration of the county's new facility asset management system into the cost estimation process made possible by virtue of system tools and data informed by continually updated *RS Means* construction cost estimation matrix (market based national construction cost index).

### **Available Public Resources**

St. Louis County has examined all potential funding alternatives to each proposed project, and has carefully protected its ability to borrow funds for infrastructure projects. The County's low level of direct debt is evidence of the success of this policy. The County Board reviews the level of direct debt on a regular basis and strives to maintain direct debt at a consistently low level. Additional consideration has been and will continue to be given to expanded bonding opportunities and strategies, which may, in turn, provide for accelerated project implementation

in cases where current market conditions matched with internal county operational strategies and infrastructure requirements may indicate a favorable congruence for such investment initiatives. The transportation sales tax approved by the County Board in December 2014 is an example of a new revenue source directed to critical transportation projects.

#### **The Level of Overlapping Debt in St. Louis County**

The CIP contains information required by Subdivision 3 of Chapter 373.40, and the process is mindful of the impacts of overlapping debt. The CIP process includes an analysis of the financial and property tax ramifications for all projects proposed for general obligation bond funding.

#### **Relative Costs and Benefits of Alternative Uses of Funds**

The CIP process requires each department to evaluate alternatives to the proposed project, as well as alternative funding for each identified project option. The CIP process further requires that the County Administrator's Office review all proposed projects to ensure that the financing options are viable and all encompassing. All projects are evaluated for lease financing versus other financing options. The county's capital infrastructure needs exceed available resources, and the county is always forced to make choices among numerous projects. Thus, careful consideration of county-wide as well as departmental priorities and strategies are a must, and as currently expressed, the CIP process allows for an open debate of the relative costs and merits of each major project. During said debates, alternative means of producing the resources necessary to complete a given project may emerge as a viable alternative to the use of bond proceeds for capital improvements.

#### **Operating Costs of the Proposed Improvements**

The CIP process requires that each department and the County Administrator's Office examine the estimated annual operating cost for each proposed project. Projects are reviewed for their impacts on utility costs, employee safety and productivity, number of employees, and any other factor that would have a negative impact on the County's general fund or require substantial increases in fees charged to facility users. County Administration continually strives to align capital improvement needs with the regular operations of the county as an organization. The impact of capital projects on the operating budget can be severe and as such Administration works to thoroughly examine all impact areas and to develop viable methods to provide for the impact of said projects; and, in some case, to eliminate projects from the CIP due to adverse and/or cost-ineffective project proposals. Throughout the project review process, deference is given to the tempering impacts of current budgetary realities, overarching strategies and priorities of elected officials, current departmental business plans, and defined needs in light of all of the preceding elements.

#### **Alternatives for Providing Services More Efficiently Through Shared Facilities with Other Counties or Local Units of Government**

The CIP process requires each department to examine alternatives that involve the use of shared facilities. The County Administrators' Office provides a final review to ensure that each CIP and annual capital budget item has been thoroughly reviewed for use with existing facilities in other governmental jurisdictions, and for opportunities for sharing new facilities.

The county is continuing to seek methods to improve inter-departmental synergies for internal management and external service functions, and has been making great strides in this direction over the last year. Property Management, with its asset management system, is working to eventually include all county facilities such as those serving Public Works, Land & Minerals, and Environmental Services departments' functions/needs. As a policy, the St. Louis County Board

of Commissioners has directed the county Property Manager to work toward housing all county departments in county facilities. The cost-benefit analysis of using external leases versus housing county departments in county facilities has shown that the latter is more cost-effective for the taxpayers of St. Louis County. With the completed Duluth Government Service Center remodel, the goal of eliminating leases and centrally locating county services has largely been accomplished for offices/services in Duluth, and only the renovation/replacement of the Northland Office Center in Virginia will remain to fully meet this policy directive.

## **St. Louis County FY 2016-2020 Capital Improvement Program**

### **Procedures**

For each proposed capital improvement project, departments are required to complete a CIP inventory form. These forms provide both general background information pertaining to the projects and detailed information, which is used to evaluate the projects. The projects are compiled by Property Management. Using the inventory forms as a basis for its review, a preliminary list of items is produced. Final approval and authorization comes from the County Board.

In order to provide direction and conformity in compiling the CIP, it is essential that policies and guidelines are identified to direct county decisions regarding physical improvements and the sources of funding to be utilized. In prior budgets and related documents, the St. Louis County Board has identified the following policies regarding capital budgeting:

### **Capital Improvement Budget Policies**

- The county makes all capital improvements in accordance with an adopted capital improvement program.
- The county develops a multi-year plan for capital improvements and updates it annually.
- The county enacts an annual capital budget based on the multi-year capital improvement plan. Future capital expenditures necessitated by changes in population, real estate development, or economic base are reviewed and included in capital budget projections.
- The county coordinates development of the capital improvement budget with development of the operating budget. Future operating costs associated with new capital improvements are projected and included in operating budget forecasts.
- The county uses intergovernmental assistance to finance only those capital improvements that are consistent with the adopted capital improvement plan and county priorities in which operating and maintenance costs have been included in operating budget forecasts.
- The county maintains its assets at a level adequate to protect its capital investment and minimize future maintenance and replacement costs.
- County staff identifies the estimated costs and potential funding sources for each capital project proposal before it is submitted to the county board for approval.
- Expenditures must be a minimum of \$100,000.
- Equipment purchases must have a minimum life of five years.
- The county determines the least costly financing method for all new county projects.
- Each capital project should be fully justified in terms of reducing operating costs, improving quality or quantity of service, adhering to appropriate regulations, protecting the health and safety of employees or clients, or meeting a clearly demonstrated demand for a service.
- There should be a thorough review of alternative actions to the proposed project

including the development of shared facilities, the use of non-county services or methods to meet the need, or the use of non-capital alternatives.

- Each capital project should be reviewed to determine the amount of coordination required between county departments and with non-county agencies to implement the project.
- Projects should be evaluated regarding possible deferment to a later date if such action would not adversely affect the program.
- All auxiliary costs, such as site development, utilities, or parking, must be considered as part of the capital project.
- With the exception of the Land& Minerals, Environmental Services, and Public Works departments, the Property Management Department will serve as the Capital Improvement Construction Management Unit for county facilities in St. Louis County. All Department of Public Works road and bridge projects will be managed by the Department of Public Works in coordination with the Administrator's Office. All departments are instructed to coordinate capital improvement projects with the Director of Property Management.

### **Debt Policies**

- The county maintains its ability to support current debt and incur additional debt at minimal interest rates and in the amounts required for infrastructure and other capital assets without endangering the ability of the county to finance essential services.
- Projects should be evaluated regarding possible deferment to a later date if such action would not adversely affect the program.
- Debt is used sparingly and only after other means of financing are fully investigated.
- No debt which becomes an obligation of the county or any of its agencies may be issued for a term longer than the reasonably expected useful life of the asset being funded, but in no event for longer than 25 years for real property or 10 years for equipment.
- The proceeds of all debt issues must be expended in compliance with all applicable state and federal laws and rules and in conformity with all covenants of the issue. Such laws, rules, and covenants must be strictly construed.
- No debt may be issued to fund normal operations of the county or any of its agencies. This does not exclude the possibility of issuing Tax Anticipation Notes as a financial and investment strategy.
- Debt must not be issued in excess of any statutory limit. The county must strive to keep the total debt burden of the county when measured as a percent of taxable market value from exceeding the median of similarly sized counties in the nation based upon figures available at the time of authorizing the issuance.
- Property tax supported debt including capital notes must not be issued beyond the point where annual debt service levy demands exceed 10% of the property tax levy (including HACA and disparity aid).
- The county must avoid, where possible, the issuance of general obligation debt by utilizing available funds, reserves, and revenue or other types of issues.

### **CIP Process**

The CIP process begins at the beginning of the year (January) with a request to county departments for modifications, updates, additions or deletions from the previous CIP as part of the budget process. Detailed instructions for submission are provided by the Administration Department to guide the preliminary submission process, and, once complete, are followed up by in-depth project discussions, board workshop(s), public hearing and formal adoption of the CIP (updated) each year.

### **Implementation Rate**

Not all projects included in the 2016 capital budget will be completed during the budget year. Many projects require coordination with other agencies and businesses. St. Louis County accounting policies allow for carry forward of encumbered funds to allow for completion of projects started in one year but not finalized.

### **CIP Format**

The 2016-2020 Capital Improvement Program comprises four major areas for capital improvement: roads and bridges, equipment, facilities, and technology. The project description form provides a brief description of the project and its location, the underlying purpose and justification for the project, estimated impacts on the operating budget, energy conservation considerations (if applicable), implementation details (date), funding source, cost breakdown and total project cost (estimates).



## 2016-2020 CIP by Category & Department

### Environmental Services

The Solid Waste Fund accounts for the management and operations of solid waste activities in St. Louis County outside of the Western Lake Superior Sanitary District Service area. The fund includes general management of solid waste activities, recycling, canister sites, transfer stations, demolition facilities, household hazardous waste, and landfill operations.

The CIP projects for this category include:

Environmental Services	2016	2017	2018	2019	2020	TOTAL
Leachate Filtration Construction - Virginia	\$1,610,000	\$350,000	\$150,000			\$2,110,000
Landfill Closure/Cell Construction	\$580,000	\$1,850,000	\$630,000			\$3,060,000
<b>Total Environmental Services</b>	<b>\$2,190,000</b>	<b>\$2,200,000</b>	<b>\$780,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,170,000</b>

Adequate cash flows are available in the Solid Waste Fund accounts to deliver the projects shown. The Environmental Services Department has provided cash flow analyses for the revenue that tie to each project.

### Technology

This section includes planned technology investments submitted by the Information Technology (IT) Department and the Planning and Development Department. These investments are required to support continued improvements in client service and employee productivity.

Information Technology/Planning and Development	2016	2017	2018	2019	2020	TOTAL
Data Center Storage Area Network (SAN)		\$100,000	\$200,000	\$150,000		\$450,000
Enterprise Applications and Interfaces	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
IT/GIS Enterprise Geospatial Data Infrastructure	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
IT Client Management Software	\$150,000					\$150,000
Primary Data Center SAN Hardware Refresh	\$450,000					\$450,000
Disaster Recovery SAN Hardware Refresh		\$400,000				\$400,000
Accounts Payable Automation Project	\$250,000	\$50,000				\$300,000
Contract Lifecycle Management		\$250,000				\$250,000
Land Management Software Systems Replacement		\$250,000				\$250,000
Project Lifecycle Management	\$150,000					\$150,000
<b>Total Information Technology/Planning &amp; Development</b>	<b>\$1,200,000</b>	<b>\$1,250,000</b>	<b>\$400,000</b>	<b>\$350,000</b>	<b>\$200,000</b>	<b>\$3,400,000</b>

### Property Management Facilities Capital Projects

Projects initiated under this category include improvements aimed at maintaining the life cycle and integrity of all county-owned facilities, reducing operating or maintenance costs through initiatives such as renewable solar energy production, energy efficiency projects, acquiring new/additional office space, providing a safe and productive work environment, and ensuring safe access for the public.

The following table illustrates the wide range of planned property management capital projects:

Property Management Facilities	2016	2017	2018	2019	2020	TOTAL
Preventive Maintenance as Required by VFA	\$98,250		\$1,825,000	\$2,075,000	\$2,075,000	\$6,073,250
Virginia AEOA/RMHC Office Building	\$1,000,000	\$2,000,000	\$17,500,000	\$8,400,000		\$28,900,000
Virginia Area Office Building Renovation/Replacement	\$875,000	\$875,000	\$11,125,000	\$2,125,000		\$15,000,000
Virginia Motor Pool - Solar Power Install	\$95,500					\$95,500
Virginia Courthouse - HVAC/Roof Replacement	\$1,071,000	\$400,000				\$1,471,000
Rescue Squad Cold Storage Building - Pike Lake Campus	\$375,000					\$375,000
A. P. Cook Building Renovation	\$2,027,000					\$2,027,000
Jail Building Automation System	\$21,000	\$390,000	\$250,000			\$661,000
Duluth Downtown Parking Lot Repairs		\$75,000	\$825,000			\$900,000
Duluth Parking Ramp Repairs	\$300,000					\$300,000
Hibbing Annex Motor Pool Carport Solar Power Install	\$112,170					\$112,170
Ely GSC Roof Replacement & Solar Power Install	\$200,000					\$200,000
Courthouse Security Projects	\$280,000	\$90,000				\$370,000
Public Safety Campus - Storage Building Roof/Siding		\$600,000				\$600,000
<b>Total Property Management Facilities</b>	<b>\$6,454,920</b>	<b>\$4,430,000</b>	<b>\$31,525,000</b>	<b>\$12,600,000</b>	<b>\$2,075,000</b>	<b>\$57,084,920</b>

Sources of revenue include property tax, fees, interest earnings, unrestricted grants and aids, and other forms of unrestricted local income. Actual expenditures are based on the costs of the projects and the use of carry-over balances.

### Public Works Facilities Improvements

These projects consist of constructing or maintaining the garages, shops and support facilities used by the Public Works Department in performing road and bridge construction and maintenance activities. They are aimed at reducing the operating and maintenance costs through energy savings, extending the lives of the facilities, and reducing the degradation to facilities.

Public Works Facilities	2016	2017	2018	2019	2020	TOTAL
Preventive Maintenance as Required by VFA	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
District 4 New Facility	\$1,630,000	\$540,000	\$12,990,000			\$15,160,000
District 6 New Facility				\$10,000,000		\$10,000,000
<b>Total Public Works Facilities</b>	<b>\$2,130,000</b>	<b>\$1,040,000</b>	<b>\$13,490,000</b>	<b>\$10,500,000</b>	<b>\$500,000</b>	<b>\$27,660,000</b>

### Public Works Road and Bridge

Projects under this category are road construction, maintenance overlays, and bridge construction and repairs financed through various sources including local funds, state and federal aid.

St. Louis County is responsible for over 3,000 miles of road and 601 bridges over ten feet in length. The St. Louis County Public Works Department annually updates their 10-Year Project Plan of all construction and repairs projects. Projects are completed either by county Road and Bridge Maintenance crews or through a competitive bidding process.

St. Louis County bonded for \$40 million in 2015 using Transportation Sales Tax funding to pay back the bonds over a 15 year period at approximately \$3.5 million per year. This \$40 million in bonding will be fully invested in the road and bridge network in the 2015 and 2016 construction years. St. Louis County intends to bond for an additional \$25 million in 2016 to invest in projects during the 2017 and 2018 construction years. This additional bonding will also be paid back over a 15 year period using Transportation Sales Tax revenues.

Local, state and federal funding for St. Louis County averages over \$30,000,000 per year before consideration of the additional projects funded by the Transportation Sales Tax. Projects open for bid, under construction, or completed in the current year can be reviewed on the Public Works Department home page at:

<http://www.stlouiscountymn.gov/GOVERNMENT/DepartmentsAgencies/PublicWorks.aspx>.

<b>Public Works Roads and Bridges</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>TOTAL</b>
Road and Bridge Projects Summary	\$76,935,086	\$57,607,115	\$37,799,046	\$41,199,382	\$37,320,039	\$250,860,668
<b>Total Public Works Roads and Bridges</b>	<b>\$76,935,086</b>	<b>\$57,607,115</b>	<b>\$37,799,046</b>	<b>\$41,199,382</b>	<b>\$37,320,039</b>	<b>\$250,860,668</b>

## 2016-2020 CAPITAL IMPROVEMENTS PROGRAM SUMMARY

Department	2016	2017	2018	2019	2020	TOTAL
<b>Environmental Services</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>TOTAL</b>
Leachate Filtration Construction - Virginia	\$1,610,000	\$350,000	\$150,000			\$2,110,000
Landfill Closure/Cell Construction	\$580,000	\$1,850,000	\$630,000			\$3,060,000
<b>Total Environmental Services</b>	<b>\$2,190,000</b>	<b>\$2,200,000</b>	<b>\$780,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,170,000</b>

Information Technology/Planning and Development	2016	2017	2018	2019	2020	TOTAL
Data Center Storage Area Network (SAN)		\$100,000	\$200,000	\$150,000		\$450,000
Enterprise Applications and Interfaces	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
IT/GIS Enterprise Geospatial Data Infrastructure	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
IT Client Management Software	\$150,000					\$150,000
Primary Data Center SAN Hardware Refresh	\$450,000					\$450,000
Disaster Recovery SAN Hardware Refresh		\$400,000				\$400,000
Accounts Payable Automation Project	\$250,000	\$50,000				\$300,000
Contract Lifecycle Management		\$250,000				\$250,000
Land Management Software Systems Replacement		\$250,000				\$250,000
Project Lifecycle Management	\$150,000					\$150,000
<b>Total Information Technology/Planning &amp; Development</b>	<b>\$1,200,000</b>	<b>\$1,250,000</b>	<b>\$400,000</b>	<b>\$350,000</b>	<b>\$200,000</b>	<b>\$3,400,000</b>

Property Management Facilities	2016	2017	2018	2019	2020	TOTAL
Preventive Maintenance as Required by VFA	\$98,250		\$1,825,000	\$2,075,000	\$2,075,000	\$6,073,250
Virginia AEOA/RMHC Office Building	\$1,000,000	\$2,000,000	\$17,500,000	\$8,400,000		\$28,900,000
Virginia Area Office Building Renovation/Replacement	\$875,000	\$875,000	\$11,125,000	\$2,125,000		\$15,000,000
Virginia Motor Pool - Solar Power Install	\$95,500					\$95,500
Virginia Courthouse - HVAC/Roof Replacement	\$1,071,000	\$400,000				\$1,471,000
Rescue Squad Cold Storage Building - Pike Lake Campus	\$375,000					\$375,000
A. P. Cook Building Renovation	\$2,027,000					\$2,027,000
Jail Building Automation System	\$21,000	\$390,000	\$250,000			\$661,000
Duluth Downtown Parking Lot Repairs		\$75,000	\$825,000			\$900,000
Duluth Parking Ramp Repairs	\$300,000					\$300,000
Hibbing Annex Motor Pool Carport Solar Power Install	\$112,170					\$112,170
Ely GSC Roof Replacement & Solar Power Install	\$200,000					\$200,000
Courthouse Security Projects	\$280,000	\$90,000				\$370,000
Public Safety Campus - Storage Building Roof/Siding		\$600,000				\$600,000
<b>Total Property Management Facilities</b>	<b>\$6,454,920</b>	<b>\$4,430,000</b>	<b>\$31,525,000</b>	<b>\$12,600,000</b>	<b>\$2,075,000</b>	<b>\$57,084,920</b>

Public Works Facilities	2016	2017	2018	2019	2020	TOTAL
Preventive Maintenance as Required by VFA	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
District 4 New Facility	\$1,630,000	\$540,000	\$12,990,000			\$15,160,000
District 6 New Facility				\$10,000,000		\$10,000,000
<b>Total Public Works Facilities</b>	<b>\$2,130,000</b>	<b>\$1,040,000</b>	<b>\$13,490,000</b>	<b>\$10,500,000</b>	<b>\$500,000</b>	<b>\$27,660,000</b>

Public Works Roads and Bridges	2016	2017	2018	2019	2020	TOTAL
Road and Bridge Projects Summary	\$76,935,086	\$57,607,115	\$37,799,046	\$41,199,382	\$37,320,039	\$250,860,668
<b>Total Public Works Roads and Bridges</b>	<b>\$76,935,086</b>	<b>\$57,607,115</b>	<b>\$37,799,046</b>	<b>\$41,199,382</b>	<b>\$37,320,039</b>	<b>\$250,860,668</b>

<b>Total Capital Improvement Projects</b>	<b>\$88,910,006</b>	<b>\$66,527,115</b>	<b>\$83,994,046</b>	<b>\$64,649,382</b>	<b>\$40,095,039</b>	<b>\$344,175,588</b>
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## 2016– 2020 SUMMARY OF REVENUES BY DEPARTMENT

Department	2016	2017	2018	2019	2020
<b>Environmental Services</b>					
Property Tax					
Bonding					
Federal/State					
Other	\$2,190,000	\$2,200,000	\$780,000	\$0	\$0
<b>Total Environmental Services</b>	<b>\$2,190,000</b>	<b>\$2,200,000</b>	<b>\$780,000</b>	<b>\$0</b>	<b>\$0</b>
<b>Information Technology/Planning and Development</b>					
Property Tax	\$600,000	\$500,000	\$200,000	\$150,000	
Bonding					
Federal/State					
Other	\$600,000	\$750,000	\$200,000	\$200,000	\$200,000
<b>Total Information Technology/Planning and Development</b>	<b>\$1,200,000</b>	<b>\$1,250,000</b>	<b>\$400,000</b>	<b>\$350,000</b>	<b>\$200,000</b>
<b>Property Management Facilities</b>					
Property Tax	\$3,002,920	\$1,730,000	\$2,075,000	\$2,075,000	\$2,075,000
Bonding			\$11,125,000	\$2,125,000	
Federal/State	\$1,000,000	\$2,000,000	\$8,750,000	\$4,200,000	
Other	\$2,452,000	\$700,000	\$9,575,000	4,200,000	
<b>Total Property Management Facilities</b>	<b>\$6,454,920</b>	<b>\$4,430,000</b>	<b>\$31,525,000</b>	<b>\$12,600,000</b>	<b>\$2,075,000</b>
<b>Public Works Facilities</b>					
Property Tax	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Bonding			\$12,690,000	\$10,000,000	
Federal/State					
Other	\$1,630,000	\$540,000	\$300,000		
<b>Total Public Works Facilities</b>	<b>\$2,130,000</b>	<b>\$1,040,000</b>	<b>\$13,490,000</b>	<b>\$10,500,000</b>	<b>\$500,000</b>
<b>Public Works Road &amp; Bridge</b>					
Property Tax	\$7,594,670	\$7,868,043	\$5,552,013	\$8,525,748	\$8,814,012
*Bonding	\$20,118,142	\$18,757,436	\$6,242,564		
*, **Transportation Sales Tax	\$19,611,289	\$9,520,000	\$9,295,448	\$9,128,511	\$6,573,006
Federal/State	\$23,392,420	\$20,186,632	\$15,313,219	\$22,998,122	\$20,733,020
Other	\$6,218,564	\$1,275,004	\$1,395,802	\$547,001	\$1,200,001
<b>Total Public Works Road &amp; Bridge</b>	<b>\$76,935,086</b>	<b>\$57,607,115</b>	<b>\$37,799,046</b>	<b>\$41,199,382</b>	<b>\$37,320,039</b>

\*Transportation Sales Tax Bonding and Pay-As-You-Go are combined and shown under the TST category on the individual forms provided in this CIP amendment.

\*\*Projects may be added to specific years from the Transportation Improvement Plan as revenue allows.

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years 2016 – 2020**

**Environmental Services**

1. Leachate Filtration Construction
2. Landfill Closure Phases 1 and 1A

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Leachate Filtration Construction - Regional Landfill, Virginia

**Department:** Environmental Services

**Contact:** Mark St. Lawrence

**Extension:** 7647

**Start Year:** 2016

**End Year:** 2018

**Project Goal:** Healthy, Viable Ecosystem

### Project Purpose & Justification

The Regional Landfill in Virginia has operated the original 22 acre leachate spray field for more than 20 years. With increased leachate production resulting from ongoing landfill expansion, the construction of a new filtration process is proposed for 2016-2018. Additionally, pretreatment of incoming landfill leachate is crucial to the spray application process. Therefore, filtration process construction is necessary for long term leachate treatment and management.

### Project Description & Location

The landfill has existing storage/treatment ponds which can accommodate up to 10,000,000 gallons of leachate. With expansions of the landfill over the last 20 years and new state regulations, additional treatment is needed for increased leachate production from the landfill. A new filtration treatment system is proposed to accommodate pretreatment of increased liquid leachate produced from the landfill.

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Very little effect on operating budget - operation of system will be added to existing system expenses. The new filtration process will reduce expensive haulage of leachate to the Western Lake Superior Sanitary District.

**Project Priority:** Recommended

**Estimated Return On Investment:** 10-20 years

**New Asset Life Cycle:** 10-20 years

**Priority Rationale:** Environmental

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016				\$1,610,000	\$1,610,000	Architect/Engineer	\$110,000
2017				\$350,000	\$350,000	Construction	\$1,900,000
2018				\$150,000	\$150,000	Consulting	\$50,000
2019						Furnishing/Equip	
2020						Contingency	\$50,000
<b>TOTAL</b>				\$2,110,000	\$2,110,000	Other	
						<b>TOTAL COST</b>	\$2,110,000

Last Project Estimate Update: May 13, 2016

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Regional Landfill - Phases 1 & 1A Closure

**Department:** Environmental Services

**Contact:** Mark St. Lawrence

**Extension:** 7647

**Start Year:** 2016

**End Year:** 2018

**Project Goal:** Healthy, Viable Ecosystem

### Project Purpose & Justification

The Regional Landfill in Virginia is the key component in the integrated waste management system for St. Louis County. The proposed project will construct a permanent cap on Phases 1 & 1A of the landfill as they reach final design elevations in 2016 and will not be permitted to accept additional waste. State regulations and MPCA-issued MSW Landfill Permit SW-405 require these cells to be officially closed within a mandated time period once design elevations have been reached.

### Project Description & Location

Regional Landfill Closure Project; Fund 607001 - \$3,060,000; location - Virginia, MN

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

The Environmental Services Department plans phase closure activities in accordance with operation logistics, current regulations and landfill permit requirements. The department manages these projects in a manner that coincides with additional landfill cell development. Closure projects are associated with long term management of the landfill and are budgeted as such. There is potential resource capture associated with closure activities that could offset construction costs.

**Project Priority:** Necessary

**Estimated Return On Investment:** 20+ years

**New Asset Life Cycle:** 10-20 years

**Priority Rationale:** Mandate/Code/Statutory

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016				\$580,000	\$580,000	Architect/Engineer	\$115,000
2017				\$1,850,000	\$1,850,000	Construction	\$2,820,000
2018				\$630,000	\$630,000	Consulting	\$125,000
2019						Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>				\$3,060,000	\$3,060,000	Other	
						<b>TOTAL COST</b>	\$3,060,000

Last Project Estimate Update:

May 13, 2016



**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years 2016 – 2020**

**Information Technology/Planning & Development**

1. Data Center Storage Area Network (SAN)
2. Enterprise Applications and Interfaces
3. IT/GIS Enterprise Geospatial Data Infrastructure
4. IT Client Management Software
5. Primary Data Center SAN Hardware Refresh
6. Disaster Recovery SAN Hardware Refresh
7. Accounts Payable Automation
8. Contract Lifecycle Management
9. Land Management Software Systems Replacement
10. Project Lifecycle Management

**Form 12**

**ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** Data Center Storage Area Network (SAN)

**Department:** Information Technology **Contact:** Jeremy Craker **Extension:** 2333

**Start Year:** 2017 **End Year:** 2019 **Project Goal:** Efficient, Effective Government

**Project Purpose & Justification**

The county's continued growth of information in the areas of Geographic Information System, Electronic Document Management and general department disk space needs requires continuous expansion of the existing electronic data storage infrastructure at both the primary and secondary data centers.

**Project Description & Location**

The county's primary SAN equipment is located at the data center in the Government Service Center. The data is duplicated at the backup data center located in the Public Safety Building to support disaster recovery. Anticipated growth will require the addition of 10-15 terabytes of data storage per year at both the primary and backup sites.

**Attachments Prepared:**

**Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)**

Slight increase in on-going annual maintenance costs of larger SAN.

**Project Priority:** Critical **Estimated Return On Investment:** 0-5 years **New Asset Life Cycle:** 5-10 years

**Priority Rationale:** Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016						Architect/Engineer	
2017	\$100,000				\$100,000	Construction	
2018	\$200,000				\$200,000	Consulting	
2019	\$150,000				\$150,000	Furnishing/Equip	\$450,000
2020						Contingency	
<b>TOTAL</b>	\$450,000				\$450,000	Other	
						<b>TOTAL COST</b>	\$450,000

Last Project Estimate Update: May 31, 2016

**Form 12**

**ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** Enterprise Applications & Interfaces

**Department:** Planning and Development **Contact:** Barbara Hayden **Extension:** 5008

**Start Year:** 2016 **End Year:** 2019 **Project Goal:** Efficient, Effective Government

**Project Purpose & Justification**

Enterprise (county-wide) land information applications are mission critical interfaces to manage and support county core operations for improved efficiency and productivity. Land record information is used by many county departments and stakeholders to conduct business operations including 911 emergency operations, public safety, planning, community and economic development, transportation, natural resource management and general operations. These internal (county) and external (public) enterprise interfaces will provide a Common Operating Picture (COP) to catalog, access, retrieve, query, process, analyze, model, map and disseminate spatial and non-spatial data.

**Project Description & Location**

Develop and enhance the internal and external enterprise (county-wide) land information systems and complementary applications and web services. These enterprise applications and interfaces include but are not limited to: the land information portal, Rich Light Weight Internet Interactive Mapping Application (public), enterprise historical images, increased access for outside agencies and an Enterprise Automated Data Distribution System.

**Attachments Prepared:**

**Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)**

Affects both levy and non-levy budget. Investment in IT and web applications has provided the county with the tools to increase productivity and efficiency, while keeping up with core service delivery with reduced staff levels. Funding Source is 109003 (Non-Levy majority) Some applications are now going through the IT Investment Process and Funding, where appropriate.

**Project Priority:** Critical **Estimated Return On Investment:** 0-5 years **New Asset Life Cycle:** 5-10 years

**Priority Rationale:** Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016				\$100,000	\$100,000	Architect/Engineer	
2017				\$100,000	\$100,000	Construction	
2018				\$100,000	\$100,000	Consulting	\$500,000
2019				\$100,000	\$100,000	Furnishing/Equip	
2020				\$100,000	\$100,000	Contingency	
<b>TOTAL</b>				\$500,000	\$500,000	Other	
						<b>TOTAL COST</b>	\$500,000

Last Project Estimate Update: May 31, 2016

**Form 12**

**ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** IT/GIS Enterprise Geospatial Data Infrastructure

Department:  Contact:  Extension:

Start Year:  End Year:  Project Goal:

**Project Purpose & Justification**

Geospatial data and aerial imagery is a core element of county business operations. It is used extensively in 911 CAD Dispatch, emergency operations, public safety, planning, community and economic development, transportation, natural resource management, surveying, land records management, and general county operations. It is mission critical to maintain a yearly geospatial and aerial imagery program so that county operations can function efficiently and effectively. It provides many benefits to departments by reducing transportation and staff costs to carry-out department business functions in a county of 7,000 square miles. Every effort will be made to partner with strategic partners to reduce yearly costs.

**Project Description & Location**

Acquire, maintain, and strengthen geospatial data and aerial imagery county-wide to support county enterprise business operations.

Attachments Prepared:

**Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)**

Affects both levy and non-levy budget. Every effort will be made to work with strategic partners to reduce yearly costs.  
Funding Source is 109003 (Non-Levy majority)

Project Priority:  Estimated Return On Investment:  New Asset Life Cycle:

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016				\$100,000	\$100,000	Architect/Engineer	
2017				\$100,000	\$100,000	Construction	
2018				\$100,000	\$100,000	Consulting	\$500,000
2019				\$100,000	\$100,000	Furnishing/Equip	
2020				\$100,000	\$100,000	Contingency	
<b>TOTAL</b>				\$500,000	\$500,000	Other	
Last Project Estimate Update: <input type="text" value="May 31, 2016"/>						<b>TOTAL COST</b>	\$500,000

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** IT Client Management Software

**Department:** Information Technology **Contact:** Jeremy Craker **Extension:** 2333

**Start Year:** 2016 **End Year:** 2016 **Project Goal:** Strong County Infrastructure

### Project Purpose & Justification

The purpose of this project is to purchase an off-the shelf IT Client Management software package capable of providing management of hardware/software inventory, software deployment, security patch management, and remote control capabilities of all county desktops, laptops, tablets, and server infrastructure in order to provide Information Technology support services. These are critical functions in the day to day management of county technology assets, and provide the tools to ensure proper license compliance management with software vendors, security of county assets, and the IT Service management tools necessary to properly support county technology users.

### Project Description & Location

The project will be to roll-out a new off-the shelf IT Client Management software package. This software will be centrally located in the St. Louis County Data Center, and will be utilized to manage all County technology clients.

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Yearly maintenance expenses for the IT Client Management software will be approximately 5-10% of the total cost of the software on an annual basis.

**Project Priority:** Necessary **Estimated Return On Investment:** 0-5 years **New Asset Life Cycle:** 0-5 years

**Priority Rationale:** Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$150,000				\$150,000	Architect/Engineer	
2017						Construction	
2018						Consulting	
2019						Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>	\$150,000				\$150,000	Other	\$150,000
Last Project Estimate Update: May 31, 2016						<b>TOTAL COST</b>	\$150,000

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Primary Data Center Storage Area Network (SAN) Hardware Refresh

**Department:** Information Technology **Contact:** Jeremy Craker **Extension:** 2333

**Start Year:** 2016 **End Year:** 2016 **Project Goal:** Strong County Infrastructure

### Project Purpose & Justification

The purpose of this project is to purchase a new SAN to replace the existing NetApp 3040 SAN which currently services a majority of the county's applications. The current NetApp 3040 SAN is reaching its end of support life cycle. This requires that we upgrade the SAN to the most current version to keep up with bug fixes, security patches, enhancements, and performance capabilities of the growing application base within the county. The SAN within the county is the critical infrastructure component running a majority of the county's critical applications. Failure of this component would negatively impact the departments that utilize each application.

### Project Description & Location

The project will require the purchase of a new Storage Area Network (SAN) device to ensure ongoing operational support. This new SAN will be located in the St. Louis County Primary Data Center.

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

As part of the purchase IT will negotiate a 5 year maintenance cost to lower the ongoing expenses. Historically the county has only retained a 3 year maintenance plan equaling roughly 20% of the total cost of the purchase with an equal amount of maintenance expense in years 4 and 5. In the new contract we will be working to pay 20% to cover all 5 years.

**Project Priority:** Critical **Estimated Return On Investment:** 0-5 years **New Asset Life Cycle:** 0-5 years

**Priority Rationale:** Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$450,000				\$450,000	Architect/Engineer	
2017						Construction	
2018						Consulting	
2019						Furnishing/Equip	\$450,000
2020						Contingency	
<b>TOTAL</b>	\$450,000				\$450,000	Other	
Last Project Estimate Update: May 31, 2016						<b>TOTAL COST</b>	\$450,000

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Information Technology Disaster Recovery Planning

Department: Information Technology      Contact: Jeremy Craker      Extension: 2333

Start Year: 2017      End Year: 2017      Project Goal: Strong County Infrastructure

### Project Purpose & Justification

The purpose of this project is to purchase the necessary technology to ensure that our backup data center has the proper technologies in place to provide fault tolerance in the event of a disaster. In the coming years it will be critical to fully document and test our disaster recovery plans. A critical component in building proper Information Technology disaster recovery plans is to ensure that the proper technologies are in place to fail over critical applications from the primary data center to the backup data center in the event of a failure to connect to the primary data center.

### Project Description & Location

This project will require the purchase of additional Storage Area Network Hardware, and virtualization software licensing to be able to provide seamless fail over of critical county application services to the backup data center in the event the primary data center fails.

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

As part of the purchase IT will negotiate a 5 year maintenance cost to lower the ongoing expenses. Historically the county has only retained a 3 year maintenance plan equaling roughly 20% of the total cost of the purchase with an equal amount of maintenance expense in years 4 and 5. In the new contract we will be working to pay 20% to cover all 5 years.

Project Priority: Critical      Estimated Return On Investment: 0-5 years      New Asset Life Cycle: 0-5 years

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016						Architect/Engineer	
2017	\$400,000				\$400,000	Construction	
2018						Consulting	\$100,000
2019						Furnishing/Equip	\$300,000
2020						Contingency	
<b>TOTAL</b>	\$400,000				\$400,000	Other	
						<b>TOTAL COST</b>	\$400,000

Last Project Estimate Update: May 31, 2016



# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Accounts Payable Automation

Department: Administration

Contact: Jeremy Craker

Extension: 2333

Start Year: 2016

End Year: 2017

Project Goal: Efficient, Effective Government

### Project Purpose & Justification

Provide more efficient processing of payment vouchers, purchase orders, expense reports and intra-county transfers by coordinating a new electronic work flow process with the Auditor's office. System will provide the ability to electronically fill out each of these document types, allow accounting string validation, budget validation, vendor validation, as well as requiring separate electronic approvals to ensure separation of duties within each department when submitting invoices for payment.

### Project Description & Location

A discovery project will be started in the 2nd quarter of 2016 to determine the total cost of this project. Project implementation will begin late 3rd quarter or early 4th quarter of 2016. Initially the process will roll out to IT and Auditor departments. In 2017, IT will work with Databank to perform the roll out of the solution to all county departments.

Attachments Prepared:

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Reduction in paper utilization, improved process efficiencies, improved recordkeeping practices and improved accuracy are all expected to result from this solution.

Project Priority: Recommended

Estimated Return On Investment: 0-5 years

New Asset Life Cycle: 0-5 years

Priority Rationale: Functionality

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016				\$250,000	\$250,000	Architect/Engineer	
2017				\$50,000	\$50,000	Construction	
2018						Consulting	\$300,000
2019						Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>				\$300,000	\$300,000	Other	
						<b>TOTAL COST</b>	\$300,000

Last Project Estimate Update: May 31, 2016



# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Contract Lifecycle Management

**Department:** Information Technology

**Contact:** Jeremy Craker

**Extension:** 2333

**Start Year:** 2016

**End Year:** 2017

**Project Goal:** Efficient, Effective Government

### Project Purpose & Justification

One of the goals of Administration and IT is to ensure that St. Louis County utilizes software that can be used county-wide to increase efficiency and avoid duplication and additional expense. This project will be to find a contract management system that can provide contract: compliance and administration, routing, renewal, archiving, drafting, negotiation support, and optimization.

### Project Description & Location

This project will benefit all departments engaged in the contract process. It will provide value to those in charge of maintaining the integrity and enforcement of contracts including purchasing and attorney's offices. This project will be initiated as an RFI to provide background on functionality for county employees and will move into the RFP stage in the 3rd quarter of 2016. Solution implementation could begin in the 4th quarter of 2016 or the 1st quarter of 2017.

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Reduction in paper utilization, improved process efficiencies, and improved accuracy are all expected to result from this solution.

**Project Priority:** Necessary

**Estimated Return On Investment:** 0-5 years

**New Asset Life Cycle:** 0-5 years

**Priority Rationale:** Functionality

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016						Architect/Engineer	
2017				\$250,000	\$250,000	Construction	
2018						Consulting	\$100,000
2019						Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>				\$250,000	\$250,000	Other	\$150,000
						<b>TOTAL COST</b>	<b>\$250,000</b>

Last Project Estimate Update:

May 31, 2016

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Land Management Software Replacement

**Department:** Information Technology

**Contact:** Jeremy Craker

**Extension:** 2333

**Start Year:** 2016

**End Year:** 2017

**Project Goal:** Efficient, Effective Government

### Project Purpose & Justification

The Land Department has built a number of software applications utilizing a software technology called IronSpeed which is no longer supported. Specifically, this software is utilized to manage land use, land sales and timber sales. The Land Department will work with IT to identify a new software solution to address each of these core business plan areas.

### Project Description & Location

This project is critical to the identification of the appropriate solution for continued execution of land core business requirements.

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

**Project Priority:** Critical

**Estimated Return On Investment:** 0-5 years

**New Asset Life Cycle:** 0-5 years

**Priority Rationale:** End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016						Architect/Engineer	
2017				\$250,000	\$250,000	Construction	
2018						Consulting	\$250,000
2019						Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>				\$250,000	\$250,000	Other	
						<b>TOTAL COST</b>	\$250,000

Last Project Estimate Update: May 31, 2016

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Project Lifecycle Management

**Department:** Information Technology

**Contact:** Jeremy Craker

**Extension:** 2333

**Start Year:** 2016

**End Year:** 2017

**Project Goal:** Efficient, Effective Government

### Project Purpose & Justification

There is an opportunity to provide a technology solution to support project management best practices within the county. Project management requires information for schedule, budget and scope to be readily available for analysis and action. A software tool, Microsoft Project on-line, and a prescriptive project management methodology will be implemented with training support for users. Project transparency, including status and executive reporting, is an important goal of this project.

### Project Description & Location

This project will include a large subset of county employees from various departments that are part of technology hardware and software projects, continuous improvement projects, and business process improvement projects. This project will be initiated in the 3rd quarter of 2016 and will extend into 2017.

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Improved project transparency and performance information

**Project Priority:** Necessary

**Estimated Return On Investment:** 0-5 years

**New Asset Life Cycle:** 0-5 years

**Priority Rationale:** Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016				\$150,000	\$150,000	Architect/Engineer	
2017						Construction	
2018						Consulting	\$150,000
2019						Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>				\$150,000	\$150,000	Other	
						<b>TOTAL COST</b>	\$150,000

Last Project Estimate Update:

May 31, 2016

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years 2016 – 2020**

**Property Management Facilities**

1. Preventive Maintenance as Required by VFA
2. Virginia AEOA/RMHC Office Building
3. Virginia Area Office Building Renovation/Replacement
4. Virginia Motor Pool - Solar Power Install
5. Virginia Courthouse – HVAC/Roof Replacement
6. Rescue Squad Cold Storage Building - Pike Lake Campus
7. A. P. Cook Building Renovation
8. Jail Energy Efficiency and Building Automation System
9. Duluth Downtown Parking Lot Repairs
10. Duluth Parking Ramp Repairs
11. Hibbing Annex Motor Pool Carport Solar Power Install
12. Ely GSC Roof Replacement & Solar Power Install
13. Courthouse Security Projects
14. Public Safety Campus Storage Building Roof/Siding Replacement

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Capital Improvement Projects as Specified by Asset Management System

Department:  Contact:  Extension:

Start Year:  End Year:  Project Goal:

### Project Purpose & Justification

The county's asset management system (Property Management) is used to determine and prioritize all major county capital improvement projects as well as the planning and design expenses. This system is used to determine all capital repairs, upgrades, emergency repairs, equipment replacement, and improvements that are unscheduled, unplanned changes and emergencies. Funding for these projects comes, primarily, from the Property Management's Fund 400 (Capital Improvement Fund), the internal rent driven depreciation reserve Fund 402 (to address depreciated and/or end of life cycle needs), and an internal (rent driven) operating fund to address cosmetic and tenant specific needs and requests.

### Project Description & Location

All facilities that the Property Management Department is responsible for require a wide variety of repairs, maintenance, improvements, and equipment replacement. In order to move our facility maintenance approach from a reactive to a proactive strategy, it is imperative to deal with all facility requirements/renewals that are defined in the asset management system in a timely basis as deferred maintenance (i.e., unfulfilled facility requirements and renewals) creates greater operational inefficiencies, increases the cost of subsequent building projects, and negatively impacts the public, employees, and departmental operations as facilities and facility systems deteriorate.

Attachments Prepared:

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Proper planning reduces project cost by minimizing change orders, unrealistic schedules compression, general material/labor waste and other project related inaccuracy costs. Preventive maintenance, timely equipment repairs/replacement, and correct general maintenance practices ensure maximum life cycle and performance on County facility assets. All capital projects (maintenance, repair, remodeling, and upgrades) performed by Property Management are designed and implemented to reduce energy consumption, extend life cycles, and lower maintenance/repair costs. Renewable energy projects are also funded from this budget resulting in continued reduction in energy use.

Project Priority:  Estimated Return On Investment:  New Asset Life Cycle:

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$98,250				\$98,250	Architect/Engineer	\$485,860
2017						Construction	\$3,580,835
2018	\$1,825,000				\$1,825,000	Consulting	\$152,460
2019	\$2,075,000				\$2,075,000	Furnishing/Equip	\$1,517,340
2020	\$2,075,000				\$2,075,000	Contingency	
<b>TOTAL</b>	\$6,073,250				\$6,073,250	Other	\$336,755
						<b>TOTAL COST</b>	\$6,073,250

Last Project Estimate Update:

**Form 12**

**ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** AEOA/RMHC Office Building

**Department:** Property Management

**Contact:** Tony Mancuso

**Extension:** 5085

**Start Year:** 2014

**End Year:** 2019

**Project Goal:** Strong County Infrastructure

**Project Purpose & Justification**

St. Louis County is the local government sponsor for an office building project in Virginia, MN to house the Arrowhead Economic Opportunity Agency (AEOA) and Range Mental Health Center (RMHC). This project was approved for \$3 million in state general obligation bond financing in 2014 for predesign/design activities and site acquisition/improvements to the extent that funds are available.

The state award requires the county to own the facility and take an active role in predesign, design and construction phases of the project.

**Project Description & Location**

This will be a new 72,000 square foot office building in Virginia, MN.

**Attachments Prepared:**

**Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)**

The county will design and build this office building to Minnesota Sustainable Building (B3) guidelines with an emphasis on long life-cycle, energy efficient systems. Long-term user agreements will be signed with the occupants to assure maintenance and upkeep of the facility.

**Project Priority:** Necessary

**Estimated Return On Investment:** Unknown

**New Asset Life Cycle:** 40+ years

**Priority Rationale:** Mandate/Code/Statutory

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016			\$1,000,000		\$1,000,000	Architect/Engineer	\$1,234,817
2017			\$2,000,000		\$2,000,000	Construction	\$20,016,000
2018			\$8,750,000	\$8,750,000	\$17,500,000	Consulting	\$240,000
2019			\$4,200,000	\$4,200,000	\$8,400,000	Furnishing/Equip	\$1,550,000
2020						Contingency	\$2,144,065
<b>TOTAL</b>			\$15,950,000	\$12,950,000	\$28,900,000	Other	\$3,715,118
						<b>TOTAL COST</b>	\$28,900,000

Last Project Estimate Update: May 31, 2016

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Virginia Area Office Building Replacement

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2014

End Year: 2018

Project Goal: Strong County Infrastructure

### Project Purpose & Justification

The Northland Office Center building is an aging structure with mechanical and electrical systems that have reached the end of their useful life. The building design is not conducive to customer service, efficient operations, safety and security. It is laid out very inefficiently for office operations with split departments and wasted space. The exterior of the building (with the exception of the roof) was upgraded in 2009. Space planning, architectural and engineering studies have been conducted since 2014 to determine a cost effective building solution for the future.

### Project Description & Location

The Northland Office Center building is 74,278 sq. ft. and located in downtown Virginia. To date, this project has determined that remodeling of this building will not accomplish the county's goals for an energy efficient, safe and secure building conducive to public service and employee effectiveness. Construction of a replacement building to consolidate departments' space needs and improve citizen services is the preferred solution. The new building will include energy efficiency measures, mechanical infrastructure & systems replacement, life safety systems upgrades, and a building automation system. A limited use "egress only" emergency generator will also be included in this project.

Attachments Prepared:

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

The operational, utility, maintenance, and repair costs will be significantly reduced. A new life cycle for all HVAC / building systems infrastructure will commence. This project is estimated to save 20-50% in utility consumption from current usage. There are several "competing" mechanical systems operating in the building and they are outdated, inefficient, and past their useful life. Maintenance and repair costs will also be significantly reduced.

Project Priority: Potentially Critical

Estimated Return On Investment: 10-20 years

New Asset Life Cycle: 20-40 years

Priority Rationale: End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$150,000			\$725,000	\$875,000	Architect/Engineer	\$855,000
2017	\$250,000			\$625,000	\$875,000	Construction	\$11,640,000
2018		\$11,125,000			\$11,125,000	Consulting	\$200,000
2019		\$2,125,000			\$2,125,000	Furnishing/Equip	\$1,300,000
2020						Contingency	\$760,000
<b>TOTAL</b>	\$400,000	\$13,250,000		\$1,350,000	\$15,000,000	Other	\$245,000
						<b>TOTAL COST</b>	\$15,000,000

Last Project Estimate Update: May 31, 2016



# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Virginia Motor Pool - Solar Power Installation

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2016

End Year: 2016

Project Goal: Strong County Infrastructure

### Project Purpose & Justification

The recently completed Motor Pool building in Virginia was designed as an energy-efficient structure with passive solar heating included in wall design. It was also designed to accommodate a roof-mounted solar panel Photovoltaic (PV) array to offset energy utilization in the building. This project is to take advantage of the opportunity to manage energy costs with a sustainable and renewable energy source.

### Project Description & Location

This project will include solar electric panels and related equipment to assure energy efficiency of the building in Virginia, Minnesota.

Attachments Prepared:

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Inclusion of a solar PV system will add a renewable energy source for building and allow better management of long-term energy costs.

Project Priority: Recommended

Estimated Return On Investment: 5-10 years

New Asset Life Cycle: 20-40 years

Priority Rationale: Energy Efficiency

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$95,500				\$95,500	Architect/Engineer	
2017						Construction	\$30,000
2018						Consulting	
2019						Furnishing/Equip	\$65,500
2020						Contingency	
<b>TOTAL</b>	\$95,500				\$95,500	Other	
						<b>TOTAL COST</b>	\$95,500

Last Project Estimate Update:

May 31, 2016



# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Virginia Courthouse HVAC and Roof System Upgrades

Department:  Contact:  Extension:

Start Year:  End Year:  Project Goal:

### Project Purpose & Justification

This project is to upgrade mechanical, electrical and roof systems that are inefficient and have reached the end of their useful life. Heating and cooling systems are critical to uninterrupted operations in the courthouse and roof integrity is critical to maintaining the building asset.

### Project Description & Location

This project is at the Virginia, Minnesota Courthouse. Heating, ventilating, air conditioning, electrical and roof systems will be replaced with reliable, energy-efficient systems.

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

This project will result in a reduced frequency of maintenance repairs and also avoid operational outages. The new systems will extend the useful life of the building, reduce energy consumption and promote asset integrity.

Project Priority:  Estimated Return On Investment:  New Asset Life Cycle:

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$1,071,000				\$1,071,000	Architect/Engineer	\$120,000
2017	\$400,000				\$400,000	Construction	\$651,000
2018						Consulting	
2019						Furnishing/Equip	\$700,000
2020						Contingency	
<b>TOTAL</b>	\$1,471,000				\$1,471,000	Other	
Last Project Estimate Update: <input type="text" value="May 31, 2016"/>						<b>TOTAL COST</b>	\$1,471,000

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Rescue Squad Cold Storage Building - Pike Lake Campus

Department: Property Management      Contact: Tony Mancuso      Extension: 5085

Start Year: 2016      End Year: 2016      Project Goal: Strong County Infrastructure

### Project Purpose & Justification

The Rescue Squad needs a cold storage building on the Pike Lake Campus to store emergency operations equipment indoors. This will prevent maintenance associated with equipment exposed to the elements and also enhance the mobilization of emergency operations.

### Project Description & Location

The 5,000 sq. ft. steel building on a concrete slab foundation will be constructed on the Public Works Campus in Pike Lake.

Attachments Prepared:

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

This building will allow emergency operations equipment to be stored in a secure location sheltered from the elements and risk of damage/vandalism.

Project Priority: Necessary      Estimated Return On Investment: 5-10 years      New Asset Life Cycle: 10-20 years

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$375,000				\$375,000	Architect/Engineer	\$30,000
2017						Construction	\$300,000
2018						Consulting	
2019						Furnishing/Equip	
2020						Contingency	\$45,000
<b>TOTAL</b>	\$375,000				\$375,000	Other	
						<b>TOTAL COST</b>	\$375,000

Last Project Estimate Update: May 31, 2016

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** A. P. Cook Building Renovation

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2013

End Year: 2016

Project Goal: Strong County Infrastructure

### Project Purpose & Justification

The A. P. Cook building was formerly the laundry facility for the Chris Jensen Nursing Home. The County evaluated the structure and found that it could be renovated to serve as office facilities for the County. Renovation of the facility and surroundings was partially funded by the sale of the nursing home. Approximately two-thirds of the space has been upgraded and currently houses County Safety & Risk Management and Extension personnel. The remaining third of the building interior will be renovated in 2015-2016 to house county assessor operations. Exterior drainage, parking, landscaping, utilities and the building entryway, roof and siding will also be upgraded in this project.

### Project Description & Location

This project is for site improvements and building renovation work including energy efficient HVAC and lighting systems at the A.P. Cook building on the Public Safety Campus in Duluth, Minnesota. A new roof, wall repairs and energy-efficient windows will be installed. Exterior siding, an entry vestibule, parking, exterior signs and landscaping are also part of the next phases. Interior renovation of the space formerly occupied by laundry operations will be completed.

Attachments Prepared:

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Renovation was a cost-effective decision for this building as it is structurally-sound and located in close proximity to other County and City operations on the Public Safety Campus in Duluth. Building systems are being upgraded to energy efficiency goals. The reuse of an existing structure is also in alignment with County sustainability goals while meeting a clear need for office space in Duluth.

Project Priority: Necessary

Estimated Return On Investment: 10-20 years

New Asset Life Cycle: 20-40 years

Priority Rationale: Capacity/Design

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$600,000			\$1,427,000	\$2,027,000	Architect/Engineer	\$40,000
2017						Construction	\$1,722,000
2018						Consulting	
2019						Furnishing/Equip	\$105,000
2020						Contingency	
<b>TOTAL</b>	\$600,000			\$1,427,000	\$2,027,000	Other	\$160,000
Last Project Estimate Update: May 31, 2016						<b>TOTAL COST</b>	\$2,027,000

**Form 12**

**ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** Jail Energy Efficiency and Building Automation System

**Department:** Property Management **Contact:** Tony Mancuso **Extension:** 5085

**Start Year:** 2016 **End Year:** 2018 **Project Goal:** Strong County Infrastructure

**Project Purpose & Justification**

The County is standardizing all facilities on a common building performance automation system to assure that energy efficiency goals are being met in all County facilities. These systems are being replaced as the end of the life cycle for existing controls are reached or when significant renovation has occurred. An energy modeling study will be conducted to serve as the baseline for building systems renovation and controls.

**Project Description & Location**

The jail building automation system has reached the end of its useful life and will be replaced in two phases in 2016 and 2017. The Uhl system, which was selected through a formal RFP process with Purchasing, will be installed as part of Property Management's building performance standardization initiative. Energy efficiency equipment replacement and renovation will be completed prior to the installation of the complete control system.

**Attachments Prepared:**

**Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)**

This control system will reduce operating and maintenance costs by highlighting inefficient system performance for staff and indicating maintenance priorities prior to equipment failure. Operational performance and energy usage will be monitored and adjusted on a real time basis.

**Project Priority:** Necessary **Estimated Return On Investment:** 5-10 years **New Asset Life Cycle:** 10-20 years

**Priority Rationale:** End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$21,000				\$21,000	Architect/Engineer	\$21,000
2017	\$390,000				\$390,000	Construction	\$120,000
2018	\$250,000				\$250,000	Consulting	\$450,000
2019						Furnishing/Equip	\$70,000
2020						Contingency	
<b>TOTAL</b>	\$661,000				\$661,000	Other	
						<b>TOTAL COST</b>	\$661,000

Last Project Estimate Update: May 31, 2016

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Downtown Duluth Area Parking Lot Repairs/Upgrades

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2017

End Year: 2018

Project Goal: Strong County Infrastructure

### Project Purpose & Justification

The downtown Duluth parking lots comprise over 1/2 city block and are in need of retaining wall replacement, sub-surface preparation, and bituminous replacement. The lower 1/2 was completed in 2011, additionally, this project will include the upper side of the alley and the area behind the motor pool building. This project will also address the repairs needed on the new lot acquired at the corner of Third Avenue and Third Street. There is presently no storm water retention, but this project will meet this MPCA mandate. Lot security and lighting will be improved resulting in improved pedestrian safety.

### Project Description & Location

This project will address the county-owned downtown Duluth flat surface parking areas between Second and Third Streets across from the Government Services Center (except those renovated in 2011) as well as the parking lot behind the motor pool building. All of the bituminous driving/parking surfaces, concrete curbs & gutters, and retaining walls are in very poor condition, or non-existent and require replacement and/or installation. This project will incorporate storm water control, curbs, gutters, retaining walls, solar powered lighting, and meet all of the MPCA storm water control regulations.

Attachments Prepared:

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Lower maintenance and repair costs, commence new parking lot life cycles (20-30 years). Ongoing electrical lighting costs will be greatly reduced. This expense is fully financed by parking revenues. Solar lighting will eliminate monthly electrical costs.

Project Priority: Necessary

Estimated Return On Investment: 5-10 years

New Asset Life Cycle: 10-20 years

Priority Rationale: Mandate/Code/Statutory

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016						Architect/Engineer	\$75,000
2017				\$75,000	\$75,000	Construction	\$825,000
2018				\$825,000	\$825,000	Consulting	
2019						Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>				\$900,000	\$900,000	Other	
Last Project Estimate Update: May 31, 2016						<b>TOTAL COST</b>	\$900,000

**Form 12**

**ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** Duluth Parking Ramp Repairs

Department: Property Management Contact: Tony Mancuso Extension: 5085

Start Year: 2016 End Year: 2016 Project Goal: Strong County Infrastructure

**Project Purpose & Justification**

The downtown Duluth parking ramps (Courthouse, Motor Pool) need repairs and maintenance to preserve asset integrity, function and operational use. Concrete decking and steel need replacement and resurfacing. Structural evaluations were performed in 2014-2015 that identified required repair and maintenance for each ramp.

**Project Description & Location**

This project will accomplish the repairs needed to maintain and restore the integrity of parking ramps. The ramps are located adjacent to the Courthouse and integral to the Motor Pool structure in downtown Duluth.

**Attachments Prepared:**

**Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)**

Maintain structural integrity, preserve parking for public, employees, fleet vehicles and retain operational capacity for county and the courts. This expense is financed by parking revenues.

Project Priority: Potentially Critical Estimated Return On Investment: 5-10 years New Asset Life Cycle: 10-20 years

Priority Rationale: Asset Integrity

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016				\$300,000	\$300,000	Architect/Engineer	\$15,000
2017						Construction	\$285,000
2018						Consulting	
2019						Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>				\$300,000	\$300,000	Other	
						<b>TOTAL COST</b>	\$300,000

Last Project Estimate Update: May 31, 2016



# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Hibbing Annex Motor Pool Canopy Solar Power Install

Department: Property Management      Contact: Tony Mancuso      Extension: 5085

Start Year: 2016      End Year: 2016      Project Goal: Strong County Infrastructure

### Project Purpose & Justification

The Hibbing Annex motor pool canopy was completed in 2015 to house fleet vehicles used by County staff. Solar power is an additional feature that will provide renewable, low-cost power for the facility. The canopy roof was designed to allow efficient installation of solar panels and optimum production of solar energy in this location

### Project Description & Location

The canopy is located on the Hibbing Annex property in close proximity to County offices.

Attachments Prepared:

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

Solar power will provide sustainable, renewable energy for operation of the facility.

Project Priority: Recommended      Estimated Return On Investment: 5-10 years      New Asset Life Cycle: Not Applicable

Priority Rationale: Energy Efficiency

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$112,170				\$112,170	Architect/Engineer	
2017						Construction	\$22,170
2018						Consulting	
2019						Furnishing/Equip	\$90,000
2020						Contingency	
<b>TOTAL</b>	\$112,170				\$112,170	Other	
Last Project Estimate Update: May 31, 2016						<b>TOTAL COST</b>	\$112,170

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Ely GSC Roof Replacement and Solar Power Install

Department:  Contact:  Extension:

Start Year:  End Year:  Project Goal:

### Project Purpose & Justification

The roof on the Ely GSC is the last phase of renovation of the building. The roof is at the end of its useful life and needs to be replaced to protect the value of the asset. Solar power will be installed as a commitment to renewable energy to meet the building's energy requirements.

### Project Description & Location

The Ely GSC is in a desirable industrial park setting in the City. The roof will be replaced and, when complete, solar panels will be installed.

Attachments Prepared:

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

A well-insulated roof will complete the renovation of this building, effectively moving it back to the start of its life cycle. Solar power can provide a large portion of the energy requirements of this building since it has been remodeled with energy efficiency as one of the primary design features.

Project Priority:  Estimated Return On Investment:  New Asset Life Cycle:

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$200,000				\$200,000	Architect/Engineer	\$20,000
2017						Construction	\$140,000
2018						Consulting	
2019						Furnishing/Equip	\$40,000
2020						Contingency	
<b>TOTAL</b>	\$200,000				\$200,000	Other	
						<b>TOTAL COST</b>	\$200,000

Last Project Estimate Update:



**Form 12**

**ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** Courthouse Security Projects

**Department:** Property Management **Contact:** Tony Mancuso **Extension:** 5085

**Start Year:** 2016 **End Year:** 2017 **Project Goal:** Strong County Infrastructure

**Project Purpose & Justification**

Courthouse security has become a priority due to recent instances of violent behavior. The County has actively participated in forums for several years with the County Attorney, Sheriff, Property Management and Safety and Risk Management collaborating to identify the highest priority security projects and to develop a plan of action.

**Project Description & Location**

Projects include video surveillance, secure perimeter creation for judges, juries, court staff and attorneys, card reader access control, and modification of structures at the three St. Louis County Courthouses in Hibbing, Virginia and Duluth.

**Attachments Prepared:**

**Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)**

These measures are prudent to minimize the potential for harm to the public and courthouse employees. No energy and operational efficiencies are directly contemplated as a result of these projects.

**Project Priority:** Critical **Estimated Return On Investment:** Unknown **New Asset Life Cycle:** Not Applicable

**Priority Rationale:** Life Safety

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$280,000				\$280,000	Architect/Engineer	\$50,000
2017	\$90,000				\$90,000	Construction	\$215,000
2018						Consulting	
2019						Furnishing/Equip	\$55,000
2020						Contingency	\$50,000
<b>TOTAL</b>	<b>\$370,000</b>				<b>\$370,000</b>	Other	
						<b>TOTAL COST</b>	<b>\$370,000</b>

Last Project Estimate Update: May 31, 2016

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Public Safety Campus Storage Building Roof and Siding

**Department:** Property Management **Contact:** Tony Mancuso **Extension:** 5085

**Start Year:** 2017 **End Year:** 2017 **Project Goal:** Strong County Infrastructure

### Project Purpose & Justification

The Sheriff's Department currently uses a barn on the Public Safety Campus to store vehicles and equipment. The roof and siding on this storage building have reached the end of their useful life and require replacement if the building is going to continue to be used for storage. There currently is no other storage building available on the Campus.

### Project Description & Location

The roof and siding on this storage building on the Public Safety Campus will be replaced during 2017.

**Attachments Prepared:**

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

**Project Priority:** Necessary **Estimated Return On Investment:** 10-20 years **New Asset Life Cycle:** 20-40 years

**Priority Rationale:** End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016						Architect/Engineer	
2017	\$600,000				\$600,000	Construction	\$600,000
2018						Consulting	
2019						Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>	\$600,000				\$600,000	Other	
						<b>TOTAL COST</b>	\$600,000

Last Project Estimate Update: May 31, 2016

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years 2016 – 2020**

**Public Works Facilities**

1. Preventive Maintenance as Required by VFA
2. District 4 New Facility
3. District 6 New Facility

**Form 12**

**ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** Preventive Maintenance as Required by VFA Asset Management Software

**Department:** Public Works **Contact:** Jim Foldesi **Extension:** 3840

**Start Year:** 2016 **End Year:** 2020 **Project Goal:** Strong County Infrastructure

**Project Purpose & Justification**

To do preventive maintenance on Public Works buildings and facilities to prevent damage and deterioration from occurring.

**Project Description & Location**

VFA Asset Management Software provides a database of maintenance and repair requirements through time and a priority status to enable planning and execution of facilities projects at every district location in the Public Works Department. These projects are evaluated annually for inclusion in the capital projects queue.

**Attachments Prepared:**

**Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)**

Allows maintenance of facilities in satisfactory condition to avoid service disruptions for the public and employees. Planned preventive maintenance and repairs will increase reliability and decrease costs of emergency repairs. Systems in proper operating condition optimize energy efficiency.

**Project Priority:** Necessary **Estimated Return On Investment:** Unknown **New Asset Life Cycle:** Not Applicable

**Priority Rationale:** Asset Integrity

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016	\$500,000				\$500,000	Architect/Engineer	\$250,000
2017	\$500,000				\$500,000	Construction	\$500,000
2018	\$500,000				\$500,000	Consulting	
2019	\$500,000				\$500,000	Furnishing/Equip	\$1,500,000
2020	\$500,000				\$500,000	Contingency	\$250,000
<b>TOTAL</b>	\$2,500,000				\$2,500,000	Other	
						<b>TOTAL COST</b>	\$2,500,000

Last Project Estimate Update: May 31, 2016

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** District 4 New Facility

**Department:** Public Works **Contact:** Jim Foldesi **Extension:** 3840

**Start Year:** 2016 **End Year:** 2018 **Project Goal:** Strong County Infrastructure

### Project Purpose & Justification

Construction recommendation as directed by 4th District Maintenance Study. Property and building acquisitions in 2016. Design completed in 2017 in preparation for bonding. Bond issuance and construction in 2018.

### Project Description & Location

Replace and/or remodel maintenance buildings in the District 4 area.

**Attachments Prepared:** District map showing facility locations.

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

A report was completed by a third party on the District 4 buildings. The report recommended that a new District 4 campus be constructed. The District 4 buildings are some of the oldest public works buildings in the county and are in need of substantial maintenance and repair/replacement work as they are at the end of their useful life. New facilities would be more efficient operationally, more energy efficient and meet current building codes.

**Project Priority:** Necessary **Estimated Return On Investment:** 10-20 years **New Asset Life Cycle:** 40+ years

**Priority Rationale:** End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016				\$1,630,000	\$1,630,000	Architect/Engineer	\$1,140,000
2017				\$540,000	\$540,000	Construction	\$12,190,000
2018		\$12,690,000		\$300,000	\$12,990,000	Consulting	\$200,000
2019						Furnishing/Equip	
2020						Contingency	\$500,000
<b>TOTAL</b>		\$12,690,000		\$2,470,000	\$15,160,000	Other	\$1,130,000
						<b>TOTAL COST</b>	\$15,160,000

Last Project Estimate Update: May 31, 2016

# Form 12

## ST. LOUIS COUNTY 2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** District 6 New Facility

**Department:** Public Works **Contact:** Jim Foldesi **Extension:** 3840

**Start Year:** 2019 **End Year:** 2021 **Project Goal:** Strong County Infrastructure

### Project Purpose & Justification

Construction recommendation as planned during a 6th District Maintenance Facility Study in concert with other State and local government units.

### Project Description & Location

Replace or remodel maintenance buildings in the district 6 area.

**Attachments Prepared:** District map showing facility locations

### Effect on Operating Budget (including Energy & Operational Efficiencies Achieved, if applicable)

The district 6 facilities are currently under study to develop recommendations for a future facilities plan. The district 6 buildings would benefit from substantial operational and energy efficiency upgrades. A new facility would meet current building codes and life safety requirements.

**Project Priority:** Necessary **Estimated Return On Investment:** 10-20 years **New Asset Life Cycle:** 20-40 years

**Priority Rationale:** End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2016						Architect/Engineer	\$700,000
2017						Construction	\$9,200,000
2018						Consulting	\$100,000
2019		\$10,000,000			\$10,000,000	Furnishing/Equip	
2020						Contingency	
<b>TOTAL</b>		\$10,000,000			\$10,000,000	Other	
						<b>TOTAL COST</b>	\$10,000,000

Last Project Estimate Update: May 31, 2016

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years 2016 – 2020**

**Public Works  
Road & Bridge Projects**

1. Road & Bridge Projects Summary 2016-2020
2. CIP Forms for Projects
3. Project maps (2016-2020 CIP)

**St. Louis County Public Works CIP Summary 2016-2020 by Project and Year**

CountyProject #	State Project #	Construction Type	2016 Cost	2017 Cost	2018 Cost	2019 Cost	2020 Cost	Total Cost
277015	CP 0000-277015*	Crack Sealing	\$453,071	\$0	\$0	\$0	\$0	\$453,071
187070	CP 0000-187070	Striping	\$44,146	\$0	\$0	\$0	\$0	\$44,146
187079	CP 0000-187079	Striping	\$384,722	\$0	\$0	\$0	\$0	\$384,722
213215	CP 0000-213215	Ped/Bike Trail	\$1,288,001	\$0	\$0	\$0	\$0	\$1,288,001
243541	CP 0000-243541	Crack Sealing	\$500,001	\$0	\$0	\$0	\$0	\$500,001
259567	CP 0000-259567	Bridge Construction	\$800,001	\$0	\$0	\$0	\$0	\$800,001
225072	CP 0000-225072	Striping	\$791,605	\$0	\$0	\$0	\$0	\$791,605
259405	CP 0000-259405	Traffic Signals	\$100,001	\$0	\$0	\$0	\$0	\$100,001
127242	CP 0000-127242	Ped/Bike Trail	\$274,561	\$0	\$0	\$0	\$0	\$274,561
299343	CP 0000-299343	Sidewalk Construction	\$10,001	\$0	\$0	\$0	\$0	\$10,001
261283	CP 0002-261283 TST	Reclaim & Overlay	\$730,289	\$0	\$0	\$0	\$0	\$730,289
244409	CP 0002-244409 TST *	Reclaim & Overlay	\$629,868	\$0	\$0	\$0	\$0	\$629,868
226569	CP 0004-226569 TST*	Traffic Signals	\$861,001	\$0	\$0	\$0	\$0	\$861,001
136147	CP 0004-136147	Sidewalk Construction	\$1,157,261	\$0	\$0	\$0	\$0	\$1,157,261
216101	CP 0004-216101 TST *	Reclaim & Overlay	\$3,318,912	\$0	\$0	\$0	\$0	\$3,318,912
252401	CP 0004-252401 TST	Bypass Lane	\$139,001	\$0	\$0	\$0	\$0	\$139,001
257589	CP 0005-257589	Culvert Replacement	\$187,479	\$0	\$0	\$0	\$0	\$187,479
211976	CP 0005-211976*	Chip Seal	\$107,358	\$0	\$0	\$0	\$0	\$107,358
289397	CP 0005-289397	Culvert Replacement	\$217,001	\$0	\$0	\$0	\$0	\$217,001
287158	CP 0005-287158*	Scrub Seal	\$74,942	\$0	\$0	\$0	\$0	\$74,942
241426	CP 0007-241426 *	Chip Seal	\$401,811	\$0	\$0	\$0	\$0	\$401,811
147349	CP 0009-147349 TST	Reconstruction	\$12,350,001	\$0	\$0	\$0	\$0	\$12,350,001
295530	CP 0010-295530	Culvert Replacement	\$200,001	\$0	\$0	\$0	\$0	\$200,001
211986	CP 0013-211986	Chip Seal	\$148,624	\$0	\$0	\$0	\$0	\$148,624
249390	CP 0013-249390	Chip Seal	\$112,447	\$0	\$0	\$0	\$0	\$112,447
94576	CP 0014-94576 TST *	Cold In Place Recycle	\$579,126	\$0	\$0	\$0	\$0	\$579,126
275997	CP 0016-275997	Chip Seal	\$450,869	\$0	\$0	\$0	\$0	\$450,869
289398	CP 0016-289398 TST*	Reclaim & Overlay	\$607,001	\$0	\$0	\$0	\$0	\$607,001
289399	CP 0018-289399 TST	Reclaim & Overlay	\$735,001	\$0	\$0	\$0	\$0	\$735,001
215030	CP 0021-215030 TST	Bridge Construction	\$1,013,997	\$0	\$0	\$0	\$0	\$1,013,997
287160	CP 0022-287160	Scrub Seal	\$290,370	\$0	\$0	\$0	\$0	\$290,370
280020	CP 0023-280020	Chip Seal	\$511,730	\$0	\$0	\$0	\$0	\$511,730
72711	CP 0023-72711 TST	Reclaim & Overlay	\$3,693,797	\$0	\$0	\$0	\$0	\$3,693,797
229056	CP 0024-229056 TST *	Bridge Construction	\$679,961	\$0	\$0	\$0	\$0	\$679,961
216090	CP 0024-216090 TST *	Reclaim & Overlay	\$2,991,724	\$0	\$0	\$0	\$0	\$2,991,724
272429	CP 0024-272429 TST	Chip Seal	\$365,729	\$0	\$0	\$0	\$0	\$365,729
278063	CP 0024-278063	Chip Seal	\$33,329	\$0	\$0	\$0	\$0	\$33,329
278064	CP 0024-278064	Chip Seal	\$291,475	\$0	\$0	\$0	\$0	\$291,475
287161	CP 0025-287161	Scrub Seal	\$370,613	\$0	\$0	\$0	\$0	\$370,613
287162	CP 0025-287162	Scrub Seal	\$88,920	\$0	\$0	\$0	\$0	\$88,920
275062	CP 0025-275062 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
153449	CP 0025-153449	Chip Seal	\$152,834	\$0	\$0	\$0	\$0	\$152,834
249391	CP 0031-249391	Chip Seal	\$70,838	\$0	\$0	\$0	\$0	\$70,838
278317	CP 0034-278317 TST	Intersection Improvements	\$130,001	\$0	\$0	\$0	\$0	\$130,001
290908	CP 0037-290908	Scrub Seal	\$426,805	\$0	\$0	\$0	\$0	\$426,805
283104	CP 0038-283104 TST*	Reclaim & Overlay	\$347,010	\$0	\$0	\$0	\$0	\$347,010
244394	CP 0040-244394 TST	Reclaim & Overlay	\$654,467	\$0	\$0	\$0	\$0	\$654,467
300420	CP 0044-300420 TST	Reclaim & Overlay	\$192,867	\$0	\$0	\$0	\$0	\$192,867
249392	CP 0045-249392	Chip Seal	\$166,967	\$0	\$0	\$0	\$0	\$166,967
241967	CP 0047-241967	Chip Seal	\$191,529	\$0	\$0	\$0	\$0	\$191,529
257711	CP 0048-257711	Chip Seal	\$58,666	\$0	\$0	\$0	\$0	\$58,666
8577	CP 0052-8577	RR Xing Improvement	\$250,000	\$0	\$0	\$0	\$0	\$250,000
153455	CP 0052-153455 TST	Reclaim & Overlay	\$1,547,053	\$0	\$0	\$0	\$0	\$1,547,053
249393	CP 0056-249393	Chip Seal	\$92,812	\$0	\$0	\$0	\$0	\$92,812
292087	CP 0061-292087	Crack Sealing	\$127,523	\$0	\$0	\$0	\$0	\$127,523
280500	CP 0068-280500	Chip Seal	\$114,333	\$0	\$0	\$0	\$0	\$114,333
260638	CP 0068-260638 TST*	Reclaim & Overlay	\$734,871	\$0	\$0	\$0	\$0	\$734,871
249394	CP 0073-249394	Chip Seal	\$47,328	\$0	\$0	\$0	\$0	\$47,328
280501	CP 0074-280501	Chip Seal	\$131,549	\$0	\$0	\$0	\$0	\$131,549
215031	CP 0082-215031 TST	Bridge Construction	\$457,775	\$0	\$0	\$0	\$0	\$457,775
287163	CP 0087-287163	Scrub Seal	\$113,666	\$0	\$0	\$0	\$0	\$113,666
257713	CP 0090-257713 TST	Sidewalk Construction	\$204,001	\$0	\$0	\$0	\$0	\$204,001
275393	CP 0091-275393	Traffic Signals	\$50,001	\$0	\$0	\$0	\$0	\$50,001
280502	CP 0097-280502	Chip Seal	\$65,181	\$0	\$0	\$0	\$0	\$65,181
290909	CP 0098-290909	Scrub Seal	\$110,136	\$0	\$0	\$0	\$0	\$110,136
287164	CP 0101-287164	Scrub Seal	\$24,101	\$0	\$0	\$0	\$0	\$24,101
288984	CP 0108-288984 TST	2" Overlay	\$466,806	\$0	\$0	\$0	\$0	\$466,806
279350	CP 0108-279350 TST*	GRIP	\$196,285	\$0	\$0	\$0	\$0	\$196,285
176330	CP 0110-176330	Bridge Construction	\$2,874,790	\$0	\$0	\$0	\$0	\$2,874,790
243925	CP 0116-243925 TST	Bridge Construction	\$1,372,742	\$0	\$0	\$0	\$0	\$1,372,742
254632	CP 0122-254632 *	Culvert Replacement	\$96,869	\$0	\$0	\$0	\$0	\$96,869
254633	CP 0123-254633	Culvert Replacement	\$179,109	\$0	\$0	\$0	\$0	\$179,109
289400	CP 0133-289400 TST	Reclaim & Overlay	\$882,001	\$0	\$0	\$0	\$0	\$882,001
298567	CP 0136-298567	Traffic Signals	\$152,001	\$0	\$0	\$0	\$0	\$152,001
257592	CP 0136-257592	Complete Reconstruction	\$1,615,684	\$0	\$0	\$0	\$0	\$1,615,684
274460	CP 0138-274460 TST*	Reclaim & Overlay	\$537,987	\$0	\$0	\$0	\$0	\$537,987
268531	CP 0142-268531	Mill & Overlay	\$30,001	\$0	\$0	\$0	\$0	\$30,001
213069	CP 0180-213069 TST	Bridge Construction	\$859,353	\$0	\$0	\$0	\$0	\$859,353



243860	CP 0185-243860 TST	Bridge Construction	\$523,112	\$0	\$0	\$0	\$0	\$523,112
271489	CP 0186-271489 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
243856	CP 0196-243856 TST	Bridge Construction	\$281,888	\$0	\$0	\$0	\$0	\$281,888
273079	CP 0207-273079 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
244397	CP 0223-244397 TST*	Reclaim & Overlay	\$818,687	\$0	\$0	\$0	\$0	\$818,687
273919	CP 0230-273919 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
272222	CP 0232-272222 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
269613	CP 0245-269613 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
244395	CP 0254-244395 TST	Reclaim & Overlay	\$271,458	\$0	\$0	\$0	\$0	\$271,458
153437	CP 0259-153437 TST	Reclaim & Overlay	\$415,705	\$0	\$0	\$0	\$0	\$415,705
269611	CP 0266-269611 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
273921	CP 0274-273921	Reclaim & Overlay	\$134,722	\$0	\$0	\$0	\$0	\$134,722
153456	CP 0280-153456 TST	Reclaim & Overlay	\$655,198	\$0	\$0	\$0	\$0	\$655,198
295016	CP 0284-295016 TST	Reclaim & Overlay	\$311,257	\$0	\$0	\$0	\$0	\$311,257
153458	CP 0289-153458 TST	Reclaim & Overlay	\$281,736	\$0	\$0	\$0	\$0	\$281,736
284942	CP 0297-284942 TST	Reclaim & Overlay	\$223,490	\$0	\$0	\$0	\$0	\$223,490
294361	CP 0303-294361	Culvert Replacement	\$67,433	\$0	\$0	\$0	\$0	\$67,433
225876	CP 0307-225876*	Culvert Replacement	\$47,003	\$0	\$0	\$0	\$0	\$47,003
274446	CP 0315-274446 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
279348	CP 0315-279348 TST	GRIP	\$226,188	\$0	\$0	\$0	\$0	\$226,188
281201	CP 0329-281201	Chip Seal	\$60,159	\$0	\$0	\$0	\$0	\$60,159
274451	CP 0340-274451 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
274459	CP 0362-274459 TST	Reclaim & Overlay	\$442,415	\$0	\$0	\$0	\$0	\$442,415
281189	CP 0383-281189	Chip Seal	\$13,233	\$0	\$0	\$0	\$0	\$13,233
265708	CP 0405-265708	Reclaim & Overlay	\$91,529	\$0	\$0	\$0	\$0	\$91,529
229632	CP 0442-229632	Bridge Construction	\$100,001	\$0	\$0	\$0	\$0	\$100,001
215028	CP 0442-215028 TST	Bridge Construction	\$719,955	\$0	\$0	\$0	\$0	\$719,955
273918	CP 0444-273918 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
274368	CP 0444-274368 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
274859	CP 0445-274859 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
269850	CP 0447-269850 TST	Chip Seal	\$35,147	\$0	\$0	\$0	\$0	\$35,147
153451	CP 0447-153451 TST *	Reclaim & Overlay	\$253,086	\$0	\$0	\$0	\$0	\$253,086
153452	CP 0452-153452 TST	Reclaim & Overlay	\$472,273	\$0	\$0	\$0	\$0	\$472,273
269852	CP 0452-269852 TST	Chip Seal	\$63,124	\$0	\$0	\$0	\$0	\$63,124
274369	CP 0453-274369 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
275058	CP 0481-275058 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
276897	CP 0483-276897	Reclaim & Overlay	\$146,895	\$0	\$0	\$0	\$0	\$146,895
190852	CP 0488-190852 TST	Bridge Construction	\$352,800	\$0	\$0	\$0	\$0	\$352,800
275059	CP 0500-275059 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
254630	CP 0515-254630 TST	Chip Seal	\$84,202	\$0	\$0	\$0	\$0	\$84,202
153447	CP 0515-153447 TST *	Reclaim & Overlay	\$549,498	\$0	\$0	\$0	\$0	\$549,498
153448	CP 0516-153448 TST	Reclaim & Overlay	\$102,668	\$0	\$0	\$0	\$0	\$102,668
254631	CP 0516-254631 TST	Chip Seal	\$17,876	\$0	\$0	\$0	\$0	\$17,876
243937	CP 0540-243937 TST	Bridge Construction	\$297,964	\$0	\$0	\$0	\$0	\$297,964
269612	CP 0547-269612 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
269614	CP 0547-269614 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
281187	CP 0594-281187	Chip Seal	\$6,789	\$0	\$0	\$0	\$0	\$6,789
243861	CP 0597-243861 TST *	Bridge Construction	\$854,247	\$0	\$0	\$0	\$0	\$854,247
275060	CP 0600-275060 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
213067	CP 0611-213067 TST	Bridge Construction	\$463,895	\$0	\$0	\$0	\$0	\$463,895
274457	CP 0615-274457 TST	Reclaim & Overlay	\$198,615	\$0	\$0	\$0	\$0	\$198,615
274449	CP 0416-274449 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
279346	CP 0642-279346 TST	GRIP	\$282,127	\$0	\$0	\$0	\$0	\$282,127
274458	CP 0656-274458 TST	Reclaim & Overlay	\$147,083	\$0	\$0	\$0	\$0	\$147,083
273083	CP 0661-273083 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
275049	CP 0666-275049 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
275055	CP 0666-275055 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
275056	CP 0666-275056 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
244408	CP 0675-244408 TST	Reclaim & Overlay	\$842,611	\$0	\$0	\$0	\$0	\$842,611
153446	CP 0677-153446 TST	Reclaim & Overlay	\$148,600	\$0	\$0	\$0	\$0	\$148,600
272430	CP 0677-272430 TST	Chip Seal	\$18,617	\$0	\$0	\$0	\$0	\$18,617
287165	CP 0708-287165	Scrub Seal	\$65,325	\$0	\$0	\$0	\$0	\$65,325
278129	CP 0723-278129 TST	Mill & Overlay	\$48,043	\$0	\$0	\$0	\$0	\$48,043
278130	CP 0723-278130 TST	Chip Seal	\$14,369	\$0	\$0	\$0	\$0	\$14,369
272219	CP 0732-272219 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
272221	CP 0741-272221 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
235370	CP 0776-235370*	RR Xing Improvement	\$250,000	\$0	\$0	\$0	\$0	\$250,000
281205	CP 0776-281205	Chip Seal	\$56,644	\$0	\$0	\$0	\$0	\$56,644
243926	CP 0779-243926 TST	Bridge Construction	\$846,273	\$0	\$0	\$0	\$0	\$846,273
271375	CP 0796-271375	Bridge Construction	\$200,001	\$0	\$0	\$0	\$0	\$200,001
271380	CP 0816-271380 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
271383	CP 0825-271383 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
271486	CP 0834-271486 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
271487	CP 0834-271487 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
272220	CP 0835-272220 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
271490	CP 0836-271490 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
299737	CP 0837-299737 TST	Reclaim & Overlay	\$624,001	\$0	\$0	\$0	\$0	\$624,001
271384	CP 0860-271384 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
271382	CP 0893-271382 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
235371	CP 0894-235371	RR Xing Improvement	\$250,000	\$0	\$0	\$0	\$0	\$250,000
276912	CP 0897-276912 TST	Reclaim & Overlay	\$434,256	\$0	\$0	\$0	\$0	\$434,256

249395	CP 0898-249395	Chip Seal	\$81,690	\$0	\$0	\$0	\$0	\$81,690
287166	CP 0910-287166	Scrub Seal	\$80,332	\$0	\$0	\$0	\$0	\$80,332
275061	CP 0914-275061 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
243933	CP 0916-243933 TST	Bridge Construction	\$1,095,803	\$0	\$0	\$0	\$0	\$1,095,803
190853	CP 0916-190853	Bridge Construction	\$200,001	\$0	\$0	\$0	\$0	\$200,001
281207	CP 0921-281207	Chip Seal	\$25,069	\$0	\$0	\$0	\$0	\$25,069
273904	CP 0927-273904 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
213059	CP 0936-213059 TST	Bridge Construction	\$881,846	\$0	\$0	\$0	\$0	\$881,846
216038	CP 0937-216038	RR Xing Improvement	\$800,001	\$0	\$0	\$0	\$0	\$800,001
243934	CP 0937-243934 TST	Bridge Construction	\$1,000,001	\$0	\$0	\$0	\$0	\$1,000,001
274447	CP 0955-274447 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
272631	CP 0961-272631 TST	Chip Seal	\$35,818	\$0	\$0	\$0	\$0	\$35,818
153445	CP 0961-153445 TST	Bituminous Overlay	\$168,191	\$0	\$0	\$0	\$0	\$168,191
292904	CP 0962-292904*	GRIP	\$160,001	\$0	\$0	\$0	\$0	\$160,001
128462	CP 0965-128462	Bridge Construction	\$784,720	\$0	\$0	\$0	\$0	\$784,720
273081	CP 0980-273081 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
273082	CP 0980-273082 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
248043	CP 0982-248043 TST	Cold In Place Recycle	\$1,327,199	\$0	\$0	\$0	\$0	\$1,327,199
215963	CP 2903-215963	Reconstruction	\$565,001	\$0	\$0	\$0	\$0	\$565,001
281204	CP 8103-281204	Chip Seal	\$7,516	\$0	\$0	\$0	\$0	\$7,516
265709	CP 8116-265709	Reclaim & Overlay	\$244,286	\$0	\$0	\$0	\$0	\$244,286
247641	CP 8121-247641 TST	Bridge Construction	\$1,007,608	\$0	\$0	\$0	\$0	\$1,007,608
274860	CP 8130-274860 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
274861	CP 8166-274861 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
281193	CP 8169-281193	Chip Seal	\$24,977	\$0	\$0	\$0	\$0	\$24,977
274862	CP 8173-274862 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
292905	CP 8180-292905	GRIP	\$90,001	\$0	\$0	\$0	\$0	\$90,001
281206	CP 8181-281206	Chip Seal	\$10,098	\$0	\$0	\$0	\$0	\$10,098
281188	CP 8188-281188	Chip Seal	\$26,001	\$0	\$0	\$0	\$0	\$26,001
229626	CP 9204-229626 TST	Bridge Construction	\$150,001	\$0	\$0	\$0	\$0	\$150,001
274454	CP 9223-274454 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
274453	CP 9241-274453 TST	Guard Rail	\$15,001	\$0	\$0	\$0	\$0	\$15,001
275389	CP 0000-275389	Striping	\$0	\$300,001	\$0	\$0	\$0	\$300,001
259422	CP 0000-259422 TST	Traffic Signals	\$0	\$84,001	\$0	\$0	\$0	\$84,001
259425	CP 0000-259425 TST	Intersection Lighting	\$0	\$872,001	\$0	\$0	\$0	\$872,001
????	CP ?????	GRIP	\$0	\$1,000,001	\$0	\$0	\$0	\$1,000,001
????	Chip Seals	Chip Seal	\$0	\$1,575,001	\$0	\$0	\$0	\$1,575,001
278660	CP 0000-278660	Crack Sealing	\$0	\$400,000	\$0	\$0	\$0	\$400,000
204369	CP 0000-204369	Bridge Construction	\$0	\$850,001	\$0	\$0	\$0	\$850,001
279948	CP 0000-279948	Reclaim & Overlay	\$0	\$115,001	\$0	\$0	\$0	\$115,001
299344	CP 0000-299344	Sidewalk Construction	\$0	\$10,001	\$0	\$0	\$0	\$10,001
216102	CP 0003-216102 TST	Reclaim & Overlay	\$0	\$600,001	\$0	\$0	\$0	\$600,001
244396	CP 0003-244396	Chip Seal	\$0	\$250,001	\$0	\$0	\$0	\$250,001
153440	CP 0004-153440	Chip Seal	\$0	\$197,001	\$0	\$0	\$0	\$197,001
????	CP 0004-????	Chip Seal	\$0	\$105,001	\$0	\$0	\$0	\$105,001
????	CP 0004-????	Chip Seal	\$0	\$78,001	\$0	\$0	\$0	\$78,001
????	CP 0005-????	Scrub Seal	\$0	\$150,001	\$0	\$0	\$0	\$150,001
204368	CP 0005-204368	Bridge Construction	\$0	\$2,750,001	\$0	\$0	\$0	\$2,750,001
255876	CP 0005-255876	Culvert Replacement	\$0	\$850,001	\$0	\$0	\$0	\$850,001
257590	CP 0005-257590 TST *	Reclaim & Overlay	\$0	\$850,001	\$0	\$0	\$0	\$850,001
208919	CP 0007-208919 TST	Reclaim & Overlay	\$0	\$2,425,001	\$0	\$0	\$0	\$2,425,001
278060	CP 0007-278060	Traffic Signals	\$0	\$200,001	\$0	\$0	\$0	\$200,001
278904	CP 0011-278904 *	Mill & Overlay	\$0	\$120,001	\$0	\$0	\$0	\$120,001
152251	CP 0013-152251	Chip Seal	\$0	\$100,001	\$0	\$0	\$0	\$100,001
259418	CP 0013-259418 TST	Dynamic Warning System	\$0	\$60,001	\$0	\$0	\$0	\$60,001
278072	CP 0014-278072	Mill & Overlay	\$0	\$300,001	\$0	\$0	\$0	\$300,001
278073	CP 0014-278073	Reclaim & Overlay	\$0	\$200,001	\$0	\$0	\$0	\$200,001
299342	CP 0014-299342	Mill & Overlay	\$0	\$300,001	\$0	\$0	\$0	\$300,001
9313	CP 0022-9313 TST	Reclaim & Overlay	\$0	\$1,410,001	\$0	\$0	\$0	\$1,410,001
259408	CP 0030-259408	RR Xing Improvement	\$0	\$270,001	\$0	\$0	\$0	\$270,001
153443	CP 0032-153443 TST	Mill & Overlay	\$0	\$750,001	\$0	\$0	\$0	\$750,001
290907	CP 0034-290907	Scrub Seal	\$0	\$476,001	\$0	\$0	\$0	\$476,001
153453	CP 0048-153453	Reclaim & Overlay	\$0	\$200,001	\$0	\$0	\$0	\$200,001
243859	CP 0052-243859 TST	Bridge Construction	\$0	\$1,000,001	\$0	\$0	\$0	\$1,000,001
229537	CP 0059-229537	Bridge Construction	\$0	\$1,200,001	\$0	\$0	\$0	\$1,200,001
????	CP 0064-????	Scrub Seal	\$0	\$25,001	\$0	\$0	\$0	\$25,001
????	CP 0065-????	Scrub Seal	\$0	\$75,001	\$0	\$0	\$0	\$75,001
????	CP 0065-????	Scrub Seal	\$0	\$200,001	\$0	\$0	\$0	\$200,001
255959	CP 0065-255959	Reclaim & Overlay	\$0	\$550,001	\$0	\$0	\$0	\$550,001
????	CP 0066-????	Scrub Seal	\$0	\$225,001	\$0	\$0	\$0	\$225,001
????	CP 0067-????	Chip Seal	\$0	\$50,001	\$0	\$0	\$0	\$50,001
263813	CP 0080-263813 TST *	Reclaim & Overlay	\$0	\$1,500,001	\$0	\$0	\$0	\$1,500,001
263814	CP 0080-263814 TST	Reclaim & Overlay	\$0	\$800,001	\$0	\$0	\$0	\$800,001
????	CP 0084-????	Scrub Seal	\$0	\$225,001	\$0	\$0	\$0	\$225,001
9577	CP 0088-9577	Bridge Construction	\$0	\$2,000,001	\$0	\$0	\$0	\$2,000,001
287573	CP 0099-287573	Bridge Construction	\$0	\$400,001	\$0	\$0	\$0	\$400,001
287574	CP 0099-287574	Bridge Construction	\$0	\$400,001	\$0	\$0	\$0	\$400,001
261099	CP 0101-261099 TST	Reclaim & Overlay	\$0	\$2,525,001	\$0	\$0	\$0	\$2,525,001
????	CP 0108-????	Chip Seal	\$0	\$98,001	\$0	\$0	\$0	\$98,001
153277	CP 0110-153277 TST	Hot In Place Recycle	\$0	\$2,700,001	\$0	\$0	\$0	\$2,700,001
153450	CP 0115-153450	Chip Seal	\$0	\$625,001	\$0	\$0	\$0	\$625,001
216092	CP 0122-216092 TST*	Reclaim & Overlay	\$0	\$2,000,001	\$0	\$0	\$0	\$2,000,001
216096	CP 0123-216096 TST	Reclaim & Overlay	\$0	\$1,000,001	\$0	\$0	\$0	\$1,000,001
????	CP 0125-????	Scrub Seal	\$0	\$125,001	\$0	\$0	\$0	\$125,001

216097	CP 0129-216097 TST	2" Overlay	\$0	\$1,500,001	\$0	\$0	\$0	\$1,500,001
????	CP 0134-????	Scrub Seal	\$0	\$125,001	\$0	\$0	\$0	\$125,001
????	CP 0136-????	Chip Seal	\$0	\$48,001	\$0	\$0	\$0	\$48,001
287483	CP 0136-287483	Roundabout	\$0	\$2,000,001	\$0	\$0	\$0	\$2,000,001
????	CP 0138-????	Chip Seal	\$0	\$56,001	\$0	\$0	\$0	\$56,001
????	CP 0142-????	Chip Seal	\$0	\$5,001	\$0	\$0	\$0	\$5,001
278074	CP 0161-278074 TST	Reclaim & Overlay	\$0	\$350,001	\$0	\$0	\$0	\$350,001
273925	CP 0180-273925	Culvert Replacement	\$0	\$50,001	\$0	\$0	\$0	\$50,001
243857	CP 0189-243857 TST	Bridge Construction	\$0	\$800,001	\$0	\$0	\$0	\$800,001
243855	CP 0209-243855 TST	Bridge Construction	\$0	\$800,001	\$0	\$0	\$0	\$800,001
244401	CP 0284-244401 TST	Reclaim & Overlay	\$0	\$125,001	\$0	\$0	\$0	\$125,001
157146	CP 0284-157146 TST	Reclaim & Overlay	\$0	\$640,001	\$0	\$0	\$0	\$640,001
279351	CP 0290-279351	Double Chip Seal	\$0	\$60,001	\$0	\$0	\$0	\$60,001
257646	CP 0332-257646	GRIP	\$0	\$75,001	\$0	\$0	\$0	\$75,001
????	CP 0362-????	Chip Seal	\$0	\$54,001	\$0	\$0	\$0	\$54,001
235500	CP 0392-235500	Bridge Construction	\$0	\$150,001	\$0	\$0	\$0	\$150,001
298690	CP 0393-298690	Culvert Replacement	\$0	\$50,001	\$0	\$0	\$0	\$50,001
255958	CP 0395-255958	Reclaim & Overlay	\$0	\$600,001	\$0	\$0	\$0	\$600,001
????	CP 0405-????	Chip Seal	\$0	\$20,001	\$0	\$0	\$0	\$20,001
235510	CP 0409-235510	Bridge Construction	\$0	\$150,001	\$0	\$0	\$0	\$150,001
????	CP 0453-????	Scrub Seal	\$0	\$50,001	\$0	\$0	\$0	\$50,001
????	CP 0473-????	Scrub Seal	\$0	\$25,001	\$0	\$0	\$0	\$25,001
243941	CP 0523-243941	Bridge Construction	\$0	\$1,000,001	\$0	\$0	\$0	\$1,000,001
216098	CP 0523-216098	Reclaim & Overlay	\$0	\$93,001	\$0	\$0	\$0	\$93,001
271721	CP 0542-271721 TST	Bridge Construction	\$0	\$300,001	\$0	\$0	\$0	\$300,001
295995	CP 0588-295995	Reclaim & Overlay	\$0	\$120,001	\$0	\$0	\$0	\$120,001
????	CP 0615-????	Chip Seal	\$0	\$24,001	\$0	\$0	\$0	\$24,001
243938	CP 0642-243938 TST	Bridge Construction	\$0	\$800,001	\$0	\$0	\$0	\$800,001
235514	CP 0642-235514	Bridge Construction	\$0	\$300,001	\$0	\$0	\$0	\$300,001
????	CP 0656-????	Chip Seal	\$0	\$14,001	\$0	\$0	\$0	\$14,001
257647	CP 0672-257647	GRIP	\$0	\$50,001	\$0	\$0	\$0	\$50,001
216099	CP 0673-216099	Reclaim & Overlay	\$0	\$81,001	\$0	\$0	\$0	\$81,001
263698	CP 0694-263698 TST	Reclaim & Overlay	\$0	\$150,001	\$0	\$0	\$0	\$150,001
263697	CP 0694-263697 TST	Reclaim & Overlay	\$0	\$500,001	\$0	\$0	\$0	\$500,001
257650	CP 0695-257650	GRIP	\$0	\$25,001	\$0	\$0	\$0	\$25,001
244406	CP 0696-244406 TST	Reclaim & Overlay	\$0	\$375,001	\$0	\$0	\$0	\$375,001
257708	CP 0753-257708 TST	Reclaim & Overlay	\$0	\$100,001	\$0	\$0	\$0	\$100,001
257710	CP 0753-257710 TST	Reclaim & Overlay	\$0	\$600,001	\$0	\$0	\$0	\$600,001
229625	CP 0769-229625 TST	Bridge Construction	\$0	\$1,000,001	\$0	\$0	\$0	\$1,000,001
263696	CP 0853-263696 TST	Reclaim & Overlay	\$0	\$300,001	\$0	\$0	\$0	\$300,001
262774	CP 0859-262774 TST	Reclaim & Overlay	\$0	\$600,001	\$0	\$0	\$0	\$600,001
263815	CP 0863-263815 TST	Reclaim & Overlay	\$0	\$700,001	\$0	\$0	\$0	\$700,001
263801	CP 0871-263801 TST	Reclaim & Overlay	\$0	\$400,001	\$0	\$0	\$0	\$400,001
263800	CP 0873-263800 TST	Reclaim & Overlay	\$0	\$200,001	\$0	\$0	\$0	\$200,001
263701	CP 0874-263701 TST	Reclaim & Overlay	\$0	\$800,001	\$0	\$0	\$0	\$800,001
263816	CP 0881-263816 TST	Reclaim & Overlay	\$0	\$400,001	\$0	\$0	\$0	\$400,001
240625	CP 0884-240625	Reclaim & Overlay	\$0	\$333,001	\$0	\$0	\$0	\$333,001
262775	CP 0885-262775 TST	Reclaim & Overlay	\$0	\$600,001	\$0	\$0	\$0	\$600,001
259412	CP 0885-259412	RR Xing Improvement	\$0	\$250,001	\$0	\$0	\$0	\$250,001
277233	CP 0896-277233 TST	Reclaim & Overlay	\$0	\$400,001	\$0	\$0	\$0	\$400,001
????	CP 0913-????	Chip Seal	\$0	\$50,001	\$0	\$0	\$0	\$50,001
????	CP 0915-????	Scrub Seal	\$0	\$75,001	\$0	\$0	\$0	\$75,001
235515	CP 0938-235515 TST	Bridge Construction	\$0	\$1,200,001	\$0	\$0	\$0	\$1,200,001
262772	CP 0983-262772 TST	Reclaim & Overlay	\$0	\$50,001	\$0	\$0	\$0	\$50,001
262771	CP 0984-262771 TST	Reclaim & Overlay	\$0	\$250,001	\$0	\$0	\$0	\$250,001
262770	CP 0985-262770 TST	Reclaim & Overlay	\$0	\$75,001	\$0	\$0	\$0	\$75,001
????	CP 8116-????	Chip Seal	\$0	\$64,001	\$0	\$0	\$0	\$64,001
235517	CP 8128-235517	Bridge Construction	\$0	\$1,000,001	\$0	\$0	\$0	\$1,000,001
296650	CP 8131-296650	Reclaim & Overlay	\$0	\$300,001	\$0	\$0	\$0	\$300,001
????	CP 8175-????	Scrub Seal	\$0	\$50,001	\$0	\$0	\$0	\$50,001
????	CP 8192-????	Scrub Seal	\$0	\$50,001	\$0	\$0	\$0	\$50,001
????	CP 8193-????	Scrub Seal	\$0	\$25,001	\$0	\$0	\$0	\$25,001
271719	CP 9215-271719 TST	Bridge Construction	\$0	\$300,001	\$0	\$0	\$0	\$300,001
271723	CP 9230-271723 TST	Bridge Construction	\$0	\$300,001	\$0	\$0	\$0	\$300,001
275390	CP 0000-275390	Striping	\$0	\$0	\$300,001	\$0	\$0	\$300,001
259426	CP 0000-259426 TST	Dynamic Warning System	\$0	\$0	\$440,001	\$0	\$0	\$440,001
259423	CP 0000-259423	Striping	\$0	\$0	\$58,001	\$0	\$0	\$58,001
????	Br. Rehab Projects	Bridge Rehab Projects	\$0	\$0	\$800,001	\$0	\$0	\$800,001
????	Chip Seals	Chip Seal	\$0	\$0	\$3,000,001	\$0	\$0	\$3,000,001
????	CP 0000-????	Ped/Bike Trail	\$0	\$0	\$690,001	\$0	\$0	\$690,001
293124	CP 0000-293124	Rumble Strips	\$0	\$0	\$330,001	\$0	\$0	\$330,001
293136	CP 0000-293136	6" Edgeline Striping	\$0	\$0	\$370,001	\$0	\$0	\$370,001
278670	CP 0000-278670	Crack Sealing	\$0	\$0	\$300,001	\$0	\$0	\$300,001
????	CP 0005-????	Chip Seal	\$0	\$0	\$88,001	\$0	\$0	\$88,001
255874	CP 0005-255874 TST	Reclaim & Overlay	\$0	\$0	\$2,700,001	\$0	\$0	\$2,700,001
????	CP 0009-????	Chip Seal	\$0	\$0	\$100,001	\$0	\$0	\$100,001
????	CP 0013-????	Roundabout	\$0	\$0	\$1,500,001	\$0	\$0	\$1,500,001
259424	CP 0016-259424	Dynamic Warning System	\$0	\$0	\$250,001	\$0	\$0	\$250,001
275030	CP 0026-275030 *	Reclaim & Overlay	\$0	\$0	\$1,700,001	\$0	\$0	\$1,700,001
275994	CP 0026-275994	Reclaim & Overlay	\$0	\$0	\$2,550,001	\$0	\$0	\$2,550,001
293403	CP 0000-293403	RR Xing Improvement	\$0	\$0	\$150,001	\$0	\$0	\$150,001
235496	CP 0041-235496	Bridge Construction	\$0	\$0	\$1,200,001	\$0	\$0	\$1,200,001
243854	CP 0044-243854 TST	Bridge Construction	\$0	\$0	\$1,800,001	\$0	\$0	\$1,800,001
153435	CP 0044-153435 TST	Micro Surface	\$0	\$0	\$675,001	\$0	\$0	\$675,001

153278	CP 0044-153278 TST	Micro Surface	\$0	\$0	\$434,001	\$0	\$0	\$434,001
153441	CP 0044-153441 TST	Micro Surface	\$0	\$0	\$560,001	\$0	\$0	\$560,001
155244	CP 0055-155244 TST	Reclaim & Overlay	\$0	\$0	\$900,001	\$0	\$0	\$900,001
275616	CP 0061-275616	Bridge Construction	\$0	\$0	\$1,000,001	\$0	\$0	\$1,000,001
298686	CP 0068-298686 TST	Reclaim & Overlay	\$0	\$0	\$775,001	\$0	\$0	\$775,001
276911	CP 0073-276911	Reclaim & Overlay	\$0	\$0	\$515,001	\$0	\$0	\$515,001
235519	CP 0074-235519	Culvert Replacement	\$0	\$0	\$1,500,001	\$0	\$0	\$1,500,001
????	CP 0122-????	Chip Seal	\$0	\$0	\$268,001	\$0	\$0	\$268,001
????	CP 0123-????	Chip Seal	\$0	\$0	\$128,001	\$0	\$0	\$128,001
????	CP 0129-????	Chip Seal	\$0	\$0	\$420,001	\$0	\$0	\$420,001
259391	CP 0180-259391	Bridge Construction	\$0	\$0	\$200,001	\$0	\$0	\$200,001
278313	CP 0000-278313 TST	New Construction	\$0	\$0	\$5,000,001	\$0	\$0	\$5,000,001
????	CP 0256-???? TST	Reclaim & Overlay	\$0	\$0	\$300,001	\$0	\$0	\$300,001
240699	CP 0269-240699	Reclaim & Overlay	\$0	\$0	\$725,001	\$0	\$0	\$725,001
298687	CP 0303-298687 TST	Reclaim & Overlay	\$0	\$0	\$800,001	\$0	\$0	\$800,001
298688	CP 0307-298688 TST	Reclaim & Overlay	\$0	\$0	\$1,125,001	\$0	\$0	\$1,125,001
257870	CP 0353-257870	Bridge Construction	\$0	\$0	\$150,001	\$0	\$0	\$150,001
259415	CP 0375-259415	Bridge Construction	\$0	\$0	\$150,001	\$0	\$0	\$150,001
153311	CP 0411-153311	Mill & Overlay	\$0	\$0	\$300,001	\$0	\$0	\$300,001
????	CP 0523-????	Chip Seal	\$0	\$0	\$12,001	\$0	\$0	\$12,001
298689	CP 0526-298689 TST	Reclaim & Overlay	\$0	\$0	\$525,001	\$0	\$0	\$525,001
235523	CP 0535-235523	Culvert Replacement	\$0	\$0	\$1,500,001	\$0	\$0	\$1,500,001
????	CP 0673-????	Chip Seal	\$0	\$0	\$11,001	\$0	\$0	\$11,001
277234	CP 0894-277234 TST	Reclaim & Overlay	\$0	\$0	\$400,001	\$0	\$0	\$400,001
271566	CP 8146-271566	Bridge Construction	\$0	\$0	\$900,001	\$0	\$0	\$900,001
????	CP 9203-????	Reclaim & Overlay	\$0	\$0	\$200,001	\$0	\$0	\$200,001
293139	CP 0000-293139	Intersection Pavement Markings	\$0	\$0	\$0	\$270,001	\$0	\$270,001
293134	CP 0000-293134	6" Edgeline Striping	\$0	\$0	\$0	\$130,001	\$0	\$130,001
278673	CP 0000-278673	Crack Sealing	\$0	\$0	\$0	\$300,001	\$0	\$300,001
275392	CP 0000-275392	Striping	\$0	\$0	\$0	\$300,001	\$0	\$300,001
????	Br. Rehab Projects	Bridge Rehab Projects	\$0	\$0	\$0	\$800,001	\$0	\$800,001
22478	CP 0000-22478	Guard Rail	\$0	\$0	\$0	\$269,728	\$0	\$269,728
14253	CP 0000-14253	Guard Rail	\$0	\$0	\$0	\$350,000	\$0	\$350,000
97050	CP 0000-97050	Guard Rail	\$0	\$0	\$0	\$200,000	\$0	\$200,000
243164	CP 0006-243164	Reclaim & Overlay	\$0	\$0	\$0	\$2,000,001	\$0	\$2,000,001
276407	CP 0006-276407	Chip Seal	\$0	\$0	\$0	\$100,001	\$0	\$100,001
293140	CP 0007-293140	Intersection Improvements	\$0	\$0	\$0	\$500,001	\$0	\$500,001
275996	CP 0009-275996	Reconstruction	\$0	\$0	\$0	\$1,500,001	\$0	\$1,500,001
275995	CP 0009-275995	Reclaim & Overlay	\$0	\$0	\$0	\$550,001	\$0	\$550,001
153304	CP 0009-153304	Micro Surface	\$0	\$0	\$0	\$180,001	\$0	\$180,001
275816	CP 0012-275816	Reclaim & Overlay	\$0	\$0	\$0	\$1,149,001	\$0	\$1,149,001
287571	CP 0012-287571	Bridge Construction	\$0	\$0	\$0	\$400,001	\$0	\$400,001
300230	CP 0014-300230	Bridge Construction	\$0	\$0	\$0	\$600,001	\$0	\$600,001
276151	CP 0020-276151	Reclaim & Overlay	\$0	\$0	\$0	\$400,001	\$0	\$400,001
275599	CP 0025-275599 TST	Reclaim & Overlay	\$0	\$0	\$0	\$1,851,501	\$0	\$1,851,501
244410	CP 0035-244410*	Reclaim & Overlay	\$0	\$0	\$0	\$1,200,001	\$0	\$1,200,001
275802	CP 0043-275802	Reclaim & Overlay	\$0	\$0	\$0	\$1,050,001	\$0	\$1,050,001
300237	CP 0052-300237	Bridge Construction	\$0	\$0	\$0	\$500,001	\$0	\$500,001
300221	CP 0052-300221	Bridge Construction	\$0	\$0	\$0	\$1,300,001	\$0	\$1,300,001
300223	CP 0052-300223	Bridge Construction	\$0	\$0	\$0	\$800,001	\$0	\$800,001
????	CP 0067-????	Scrub Seal	\$0	\$0	\$0	\$50,001	\$0	\$50,001
276154	CP 0070-276154	Bituminous Overlay	\$0	\$0	\$0	\$1,400,001	\$0	\$1,400,001
276153	CP 0070-276153	Reclaim & Overlay	\$0	\$0	\$0	\$2,100,001	\$0	\$2,100,001
276155	CP 0097-276155	Reclaim & Overlay	\$0	\$0	\$0	\$910,001	\$0	\$910,001
275033	CP 0099-275033	Reclaim & Overlay	\$0	\$0	\$0	\$2,150,001	\$0	\$2,150,001
243163	CP 0100-243163	Reclaim & Overlay	\$0	\$0	\$0	\$2,378,601	\$0	\$2,378,601
275610	CP 0103-275610	Reclaim & Overlay	\$0	\$0	\$0	\$780,501	\$0	\$780,501
291203	CP 0110-291203	Scrub Seal	\$0	\$0	\$0	\$450,001	\$0	\$450,001
275034	CP 0111-275034 TST	Reclaim & Overlay	\$0	\$0	\$0	\$1,300,001	\$0	\$1,300,001
275818	CP 0121-275818	Reclaim & Overlay	\$0	\$0	\$0	\$400,001	\$0	\$400,001
275617	CP 0137-275617 TST	Reclaim & Overlay	\$0	\$0	\$0	\$2,325,001	\$0	\$2,325,001
153302	CP 0162-153302 TST	Bituminous Overlay	\$0	\$0	\$0	\$28,001	\$0	\$28,001
210717	CP 0244-210717	Reclaim & Overlay	\$0	\$0	\$0	\$325,001	\$0	\$325,001
276399	CP 0245-276399 TST	Reclaim & Overlay	\$0	\$0	\$0	\$400,001	\$0	\$400,001
276400	CP 0248-276400 TST	Reclaim & Overlay	\$0	\$0	\$0	\$315,001	\$0	\$315,001
276910	CP 0258-276910 TST	Reclaim & Overlay	\$0	\$0	\$0	\$575,001	\$0	\$575,001
276401	CP 0277-276401	Reclaim & Overlay	\$0	\$0	\$0	\$425,001	\$0	\$425,001
275618	CP 0317-275618 TST	Reclaim & Overlay	\$0	\$0	\$0	\$168,001	\$0	\$168,001
300239	CP 0321-300239	Bridge Construction	\$0	\$0	\$0	\$200,001	\$0	\$200,001
275035	CP 0343-275035	Reclaim & Overlay	\$0	\$0	\$0	\$1,500,001	\$0	\$1,500,001
300241	CP 0444-300241	Bridge Construction	\$0	\$0	\$0	\$200,001	\$0	\$200,001
300227	CP 0452-300227	Bridge Construction	\$0	\$0	\$0	\$700,001	\$0	\$700,001
271724	CP 0481-271724	Bridge Construction	\$0	\$0	\$0	\$300,001	\$0	\$300,001
271722	CP 0491-271722	Bridge Construction	\$0	\$0	\$0	\$300,001	\$0	\$300,001
276409	CP 0540-276409	Chip Seal	\$0	\$0	\$0	\$116,001	\$0	\$116,001
300240	CP 0542-300240	Bridge Construction	\$0	\$0	\$0	\$200,001	\$0	\$200,001
300225	CP 0666-300225	Bridge Construction	\$0	\$0	\$0	\$1,000,001	\$0	\$1,000,001
300228	CP 0686-300228	Bridge Construction	\$0	\$0	\$0	\$900,001	\$0	\$900,001
275608	CP 0708-275608	Reclaim & Overlay	\$0	\$0	\$0	\$560,001	\$0	\$560,001
271725	CP 0916-271725	Bridge Construction	\$0	\$0	\$0	\$300,001	\$0	\$300,001
275609	CP 0955-275609 TST	Reclaim & Overlay	\$0	\$0	\$0	\$406,001	\$0	\$406,001
1753	CP 8110-1753	Bridge Construction	\$0	\$0	\$0	\$800,001	\$0	\$800,001
153454	CP 8217-153454	Reclaim & Overlay	\$0	\$0	\$0	\$537,001	\$0	\$537,001
97115	CP 0000-97115	Guard Rail	\$0	\$0	\$0	\$0	\$200,000	\$200,000

97114	CP 0000-97114	Guard Rail	\$0	\$0	\$0	\$0	\$200,000	\$200,000
????	CP 0000-????	Adaptive Signal Control	\$0	\$0	\$0	\$0	\$1,000,001	\$1,000,001
297890	CP 0000-297890	Ped/Bike Trail	\$0	\$0	\$0	\$0	\$900,001	\$900,001
????	Chip Seals	Chip Seal	\$0	\$0	\$0	\$0	\$3,350,001	\$3,350,001
????	CP 0000-????	Ped/Bike Trail	\$0	\$0	\$0	\$0	\$900,001	\$900,001
293135	CP 0000-293135	6" Edgeline Striping	\$0	\$0	\$0	\$0	\$70,001	\$70,001
293137	CP 0000-293137	Traffic Safety	\$0	\$0	\$0	\$0	\$370,001	\$370,001
293138	CP 0000-293138	Traffic Safety	\$0	\$0	\$0	\$0	\$320,001	\$320,001
293125	CP 0000-293125	Rumble Strips	\$0	\$0	\$0	\$0	\$280,001	\$280,001
261096	CP 0007-261096	Hot In Place Recycle	\$0	\$0	\$0	\$0	\$1,000,001	\$1,000,001
153439	CP 0007-153439	Micro Surface	\$0	\$0	\$0	\$0	\$2,525,001	\$2,525,001
300210	CP 0008-300210	Bridge Construction	\$0	\$0	\$0	\$0	\$500,001	\$500,001
300207	CP 0010-300207	Bridge Construction	\$0	\$0	\$0	\$0	\$500,001	\$500,001
300205	CP 0021-300205	Bridge Construction	\$0	\$0	\$0	\$0	\$1,000,001	\$1,000,001
299735	CP 0029-299735 TST	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$3,625,001	\$3,625,001
299630	CP 0033-299630	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$840,001	\$840,001
299631	CP 0042-299631 TST	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$525,001	\$525,001
275801	CP 0050-275801	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$1,092,001	\$1,092,001
284469	CP 0056-284469	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$2,250,001	\$2,250,001
300202	CP 0065-300202	Bridge Construction	\$0	\$0	\$0	\$0	\$1,000,001	\$1,000,001
271720	CP 0108-271720	Bridge Construction	\$0	\$0	\$0	\$0	\$300,001	\$300,001
274367	CP 0108-274367	Bridge Construction	\$0	\$0	\$0	\$0	\$300,001	\$300,001
299084	CP 0116-299084	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$1,500,001	\$1,500,001
276152	CP 0120-276152	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$1,680,001	\$1,680,001
300209	CP 0133-300209	Bridge Construction	\$0	\$0	\$0	\$0	\$500,001	\$500,001
299086	CP 0151-299086*	Mill & Overlay	\$0	\$0	\$0	\$0	\$45,001	\$45,001
299087	CP 0156-299087	Mill & Overlay	\$0	\$0	\$0	\$0	\$200,001	\$200,001
299088	CP 0158-299088	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$275,001	\$275,001
300212	CP 0137-300212	Bridge Construction	\$0	\$0	\$0	\$0	\$200,001	\$200,001
300190	CP 0186-300190	Bridge Construction	\$0	\$0	\$0	\$0	\$800,001	\$800,001
299734	CP 0276-299734 TST	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$350,001	\$350,001
257868	CP 0293-257868	Bridge Construction	\$0	\$0	\$0	\$0	\$1,000,001	\$1,000,001
299095	CP 0404-299095	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$650,001	\$650,001
299096	CP 0489-299096 TST	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$75,001	\$75,001
300191	CP 0620-300191	Bridge Construction	\$0	\$0	\$0	\$0	\$800,001	\$800,001
142593	CP 0666-142593	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000
189123	CP 0692-189123 TST	Micro Surface	\$0	\$0	\$0	\$0	\$1,298,001	\$1,298,001
300213	CP 0745-300213	Bridge Construction	\$0	\$0	\$0	\$0	\$200,001	\$200,001
299097	CP 0803-299097	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$850,001	\$850,001
299736	CP 0818-299736 TST	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$700,001	\$700,001
299098	CP 0989-299098	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$650,001	\$650,001
		Total	\$76,935,086	\$57,607,115	\$37,799,046	\$41,199,382	\$37,320,039	\$250,860,668

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 259567 - CP 0000-259567 - Bridge Construction -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - () - .02 Mi. North of Jct. of E. Vermilion Dr. in Cook, MN

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 259567

**STATE PROJECT #:** CP 0000-259567

**ROAD #:**

**ROAD NAME:**

**BRIDGE #:** 747

**SECTION:** 18 / **TOWNSHIP:** 62 / **RANGE:** 18

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** Bridge Bond

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 277015 - CP 0000-277015\* - Crack Sealing -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This treatment is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Crack Sealing - () - Various Roads within St. Louis County

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Crack sealing will reduce the amount of resources required to maintain the road in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: 277015

STATE PROJECT #: CP 0000-277015\*

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$453,071.13

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$453,071.13	\$0.00	\$0.00	\$0.00	\$0.00	\$453,071.13

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 243541 - CP 0000-243541 - Crack Sealing -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This treatment is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Crack Sealing - (Indian Point Rd) - CR 515 to End of Pavement of TR 0019 (Indian Point Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Crack sealing will reduce the amount of resources required to maintain the road in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: 243541

STATE PROJECT #: CP 0000-243541

ROAD #:

ROAD NAME: Indian Point Rd

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$500,001.00

FUNDING SOURCE: Bois Forte

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$500,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 213215 - CP 0000-213215 - Ped/Bike Trail -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To provide recreational trails for pedestrian and bicycle users throughout St. Louis County.

**PROJECT DESCRIPTION AND LOCATION:** Ped/Bike Trail - (Mesabi Trail) - MN 169/TH 169 to TH 169/Camp Lake Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** No affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 213215

**STATE PROJECT #:** CP 0000-213215

**ROAD #:**

**ROAD NAME:** Mesabi Trail

**BRIDGE #:** NA

**SECTION:** 15 / **TOWNSHIP:** 62 / **RANGE:** 14

**ESTIMATED COST:** \$1,288,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$788,001.00	\$500,000.00	\$1,288,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 127242 - CP 0000-127242 - Ped/Bike Trail -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To provide recreational trails for pedestrian and bicycle users throughout St. Louis County.

**PROJECT DESCRIPTION AND LOCATION:** Ped/Bike Trail - () - Old Town to area S. of TH 169 - Along CSAH 102 in Mt. Iron

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** No affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 127242

**STATE PROJECT #:** CP 0000-127242

**ROAD #:**

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$274,561.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$274,561.00	\$0.00	\$0.00	\$0.00	\$0.00	\$274,561.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 299343 - CP 0000-299343 - Sidewalk Construction -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county

PROJECT DESCRIPTION AND LOCATION: Sidewalk Construction - () - Various County Roads in Eveleth

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: Minimal affect on operating budget.

### PROJECT INFORMATION

COUNTY PROJECT #: 299343

STATE PROJECT #: CP 0000-299343

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: 32 / TOWNSHIP: 58 / RANGE: 17

ESTIMATED COST: \$10,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$10,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 225072 - CP 0000-225072 - Striping -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county.

**PROJECT DESCRIPTION AND LOCATION:** Striping - () - Various Locations within St. Louis, Lake, Aitkin, Itasca and Carlton County

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 225072    **STATE PROJECT #:** CP 0000-225072    **ROAD #:**

**ROAD NAME:**    **BRIDGE #:** NA    **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$791,605.12

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$79,160.51	\$0.00	\$0.00	\$712,444.61	\$0.00	\$791,605.12

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 187070 - CP 0000-187070 - Striping -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county.

**PROJECT DESCRIPTION AND LOCATION:** Striping - () - Various location in St. Louis County

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 187070

**STATE PROJECT #:** CP 0000-187070

**ROAD #:**

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$44,145.58

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$4,414.56	\$0.00	\$0.00	\$39,731.02	\$0.00	\$44,145.58

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187079 - CP 0000-187079 - Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county.

PROJECT DESCRIPTION AND LOCATION: Striping - () - Various CSAH's in St. Louis County and Lake County

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: Minimal affect on operating budget.

### PROJECT INFORMATION

COUNTY PROJECT #: 187079

STATE PROJECT #: CP 0000-187079

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$384,721.69

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$384,721.69	\$0.00	\$384,721.69

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 259405 - CP 0000-259405 - Traffic Signals -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve safety and traffic capacity at the intersections indicated.

PROJECT DESCRIPTION AND LOCATION: Traffic Signals - () - Various Traffic Signals within Duluth/Hermantown

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: New, more efficient traffic signals should reduce electrical costs. Additional turn lanes and striping will need to be maintained.

### PROJECT INFORMATION

COUNTY PROJECT #: 259405

STATE PROJECT #: CP 0000-259405

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: 50 / RANGE: 14

ESTIMATED COST: \$100,001.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$100,001.00	\$0.00	\$100,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 244409 - CP 0002-244409 TST \* - Reclaim & Overlay - CSAH 2

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 2 (W. Tischer Rd.) - CSAH 4 (Rice Lake Rd.) to CSAH 34

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 244409

**STATE PROJECT #:** CP 0002-244409 TST

**ROAD #:** CSAH 2

**ROAD NAME:** W. Tischer Rd.

**BRIDGE #:** NA

**SECTION:** 20 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$629,867.89

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$629,867.89	\$0.00	\$0.00	\$629,867.89

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 261283 - CP 0002-261283 TST - Reclaim & Overlay - CSAH 2

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 2 (W. Tischer Rd.) - CSAH 34 (Howard Gnesen Rd.) to Eagle Lake Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 261283

**STATE PROJECT #:** CP 0002-261283 TST

**ROAD #:** CSAH 2

**ROAD NAME:** W. Tischer Rd.

**BRIDGE #:** NA

**SECTION:** 27 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$730,288.75

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$730,288.75	\$0.00	\$0.00	\$730,288.75

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 252401 - CP 0004-252401 TST - Bypass Lane - CSAH 4

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Bypass Lane - CSAH 4 (Rice Lake Rd.) - CSAH 4 int w/ Airpark Blvd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 252401

**STATE PROJECT #:** CP 0004-252401 TST

**ROAD #:** CSAH 4

**ROAD NAME:** Rice Lake Rd.

**BRIDGE #:** NA

**SECTION:** 5 / **TOWNSHIP:** 50 / **RANGE:** 14

**ESTIMATED COST:** \$139,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$139,001.00	\$0.00	\$0.00	\$139,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 216101 - CP 0004-216101 TST \* - Reclaim & Overlay - CSAH 4

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 4 (Vermilion Trail) - CR 274 (Thompson Lake Rd.) to Marshall Truck Trail

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 216101

**STATE PROJECT #:** CP 0004-216101 TST

**ROAD #:** CSAH 4

**ROAD NAME:** Vermilion Trail

**BRIDGE #:** NA

**SECTION:** 28 / **TOWNSHIP:** 53 / **RANGE:** 14

**ESTIMATED COST:** \$3,318,911.59

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$3,318,911.59	\$0.00	\$0.00	\$3,318,911.59

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 136147 - CP 0004-136147 - Sidewalk Construction - CSAH 4

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county

**PROJECT DESCRIPTION AND LOCATION:** Sidewalk Construction - CSAH 4 (Rice Lake Rd.) - CSAH 4 (Rice Lake Road) from Central Entrance to Arrowhead Road

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 136147

**STATE PROJECT #:** CP 0004-136147

**ROAD #:** CSAH 4

**ROAD NAME:** Rice Lake Rd.

**BRIDGE #:** NA

**SECTION:** 22 / **TOWNSHIP:** 50 / **RANGE:** 14

**ESTIMATED COST:** \$1,157,260.88

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$1,157,260.88	\$0.00	\$1,157,260.88

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 226569 - CP 0004-226569 TST\* - Traffic Signals - CSAH 4

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Traffic Signals - CSAH 4 (Rice Lake Rd.) - Intersection of Rice Lake Rd. and Airport Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New, more efficient traffic signals should reduce electrical costs. Additional turn lanes and striping will need to be maintained.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 226569

**STATE PROJECT #:** CP 0004-226569 TST\*

**ROAD #:** CSAH 4

**ROAD NAME:** Rice Lake Rd.

**BRIDGE #:** NA

**SECTION:** 5 / **TOWNSHIP:** 50 / **RANGE:** 14

**ESTIMATED COST:** \$861,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$861,001.00	\$0.00	\$0.00	\$861,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 211976 - CP 0005-211976\* - Chip Seal - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 5 (Hwy 5) - TH 37 to CSAH 92

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 211976

**STATE PROJECT #:** CP 0005-211976\*

**ROAD #:** CSAH 5

**ROAD NAME:** Hwy 5

**BRIDGE #:** NA

**SECTION:** 18 / **TOWNSHIP:** 53 / **RANGE:** 19

**ESTIMATED COST:** \$107,357.96

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$107,357.96	\$0.00	\$107,357.96

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 257589 - CP 0005-257589 - Culvert Replacement - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CSAH 5 (Hwy 5) - Side Lake to 0.125 Mi. N. of McCue Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 257589	<b>STATE PROJECT #:</b> CP 0005-257589	<b>ROAD #:</b> CSAH 5
<b>ROAD NAME:</b> Hwy 5	<b>BRIDGE #:</b> NA	<b>SECTION:</b> 21 / <b>TOWNSHIP:</b> 60 / <b>RANGE:</b> 21
<b>ESTIMATED COST:</b> \$187,478.85	<b>FUNDING SOURCE:</b> Local	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$187,478.85	\$0.00	\$0.00	\$0.00	\$0.00	\$187,478.85

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 289397 - CP 0005-289397 - Culvert Replacement - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CSAH 5 (Hwy 5) - Approx 35' S. of CR 743 (W. Toivola Rd.) to Approx 928' S. of CR 750 (Oja Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 289397	<b>STATE PROJECT #:</b> CP 0005-289397	<b>ROAD #:</b> CSAH 5
<b>ROAD NAME:</b> Hwy 5	<b>BRIDGE #:</b> NA	<b>SECTION:</b> 6 / <b>TOWNSHIP:</b> 54 / <b>RANGE:</b> 19
<b>ESTIMATED COST:</b> \$217,001.00	<b>FUNDING SOURCE:</b> Local	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$217,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$217,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287158 - CP 0005-287158\* - Scrub Seal - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 5 (Hwy 5) - CSAH 84 (Hobson Lake Rd.) to CSAH 81 (Connors Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 287158

**STATE PROJECT #:** CP 0005-287158\*

**ROAD #:** CSAH 5

**ROAD NAME:** Hwy 5

**BRIDGE #:** NA

**SECTION:** 35 / **TOWNSHIP:** 59 / **RANGE:** 21

**ESTIMATED COST:** \$74,941.84

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$74,941.84	\$0.00	\$0.00	\$0.00	\$0.00	\$74,941.84

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 241426 - CP 0007-241426 \* - Chip Seal - CSAH 7

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 7 (Industrial Rd.) - W. Jct. of CSAH 47 (Swan Lake Rd.) to TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 241426

**STATE PROJECT #:** CP 0007-241426 \*

**ROAD #:** CSAH 7

**ROAD NAME:** Industrial Rd.

**BRIDGE #:** NA

**SECTION:** 16 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$401,810.98

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$401,810.98	\$0.00	\$401,810.98

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 147349 - CP 0009-147349 TST - Reconstruction - CSAH 9

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Traffic, existing substandard geometrics and deficient subgrade conditions require that the highway be reconstructed to meet the projected needs of the road network.

**PROJECT DESCRIPTION AND LOCATION:** Reconstruction - CSAH 9 (4th St/Wallace) - 6th Ave. E. to Arrowhead Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface, subgrade and drainage improvements will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 147349    **STATE PROJECT #:** CP 0009-147349 TST    **ROAD #:** CSAH 9

**ROAD NAME:** 4th St/Wallace    **BRIDGE #:** NA    **SECTION:** 22 / **TOWNSHIP:** 50 / **RANGE:** 14

**ESTIMATED COST:** \$12,350,001.00    **FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$600,000.00	\$8,850,001.00	\$2,900,000.00	\$12,350,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 295530 - CP 0010-295530 - Culvert Replacement - CSAH 10

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CSAH 10 (N. Tischer Rd.) - 500' North of W. Tischer to 1,000' North of W. Tischer

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 295530

**STATE PROJECT #:** CP 0010-295530

**ROAD #:** CSAH 10

**ROAD NAME:** N. Tischer Rd.

**BRIDGE #:** NA

**SECTION:** 20 / **TOWNSHIP:** 51 / **RANGE:** 13

**ESTIMATED COST:** \$200,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$200,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 211986 - CP 0013-211986 - Chip Seal - CSAH 13

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 13 (Midway Rd.) - 150' North of CSAH 14 (Thompson Hill Rd.) to 361' North of TH 2

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 211986    **STATE PROJECT #:** CP 0013-211986    **ROAD #:** CSAH 13

**ROAD NAME:** Midway Rd.    **BRIDGE #:** NA    **SECTION:** 20 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$148,624.38

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$148,624.38	\$0.00	\$0.00	\$0.00	\$0.00	\$148,624.38

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 249390 - CP 0013-249390 - Chip Seal - CSAH 13

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 13 (Midway Rd.) - 361' N. of TH 2 to TH 194

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 249390

**STATE PROJECT #:** CP 0013-249390

**ROAD #:** CSAH 13

**ROAD NAME:** Midway Rd.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$112,446.90

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$112,446.90	\$0.00	\$0.00	\$0.00	\$0.00	\$112,446.90

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 94576 - CP 0014-94576 TST \* - Cold In Place Recycle - CSAH 14

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Cold In Place Recycle - CSAH 14 (Thompson Hill) - 532' WSW of CR 898(Lindahl Rd.) to CSAH 14 (W. Skyline Pkwy.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 94576

**STATE PROJECT #:** CP 0014-94576 TST \*

**ROAD #:** CSAH 14

**ROAD NAME:** Thompson Hill

**BRIDGE #:** NA

**SECTION:** 21 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$579,126.07

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$579,126.07	\$0.00	\$0.00	\$579,126.07

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275997 - CP 0016-275997 - Chip Seal - CSAH 16

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 16 (Townline Rd.) - TH 73 to CSAH 7

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275997

**STATE PROJECT #:** CP 0016-275997

**ROAD #:** CSAH 16

**ROAD NAME:** Townline Rd.

**BRIDGE #:** NA

**SECTION:** 3 / **TOWNSHIP:** 56 / **RANGE:** 21

**ESTIMATED COST:** \$450,869.40

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$450,869.40	\$0.00	\$450,869.40

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 289398 - CP 0016-289398 TST\* - Reclaim & Overlay - CSAH 16

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 16 (Hwy 16) - Itasca County Line to TH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 289398

**STATE PROJECT #:** CP 0016-289398 TST\*

**ROAD #:** CSAH 16

**ROAD NAME:** Hwy 16

**BRIDGE #:** NA

**SECTION:** 31 / **TOWNSHIP:** 56 / **RANGE:** 21

**ESTIMATED COST:** \$607,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$607,001.00	\$0.00	\$0.00	\$607,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 289399 - CP 0018-289399 TST - Reclaim & Overlay - CSAH 18

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 18 (Hwy 18) - Itasca CR 572 to TH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 289399

**STATE PROJECT #:** CP 0018-289399 TST

**ROAD #:** CSAH 18

**ROAD NAME:** Hwy 18

**BRIDGE #:** NA

**SECTION:** 7 / **TOWNSHIP:** 54 / **RANGE:** 21

**ESTIMATED COST:** \$735,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$735,001.00	\$0.00	\$0.00	\$735,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 215030 - CP 0021-215030 TST - Bridge Construction - CSAH 21

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 21 (Highway 21) - 1.1 mi N of Jct CSAH 70

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 215030

**STATE PROJECT #:** CP 0021-215030 TST

**ROAD #:** CSAH 21

**ROAD NAME:** Highway 21

**BRIDGE #:** 286

**SECTION:** 27 / **TOWNSHIP:** 61 / **RANGE:** 13

**ESTIMATED COST:** \$1,013,997.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$1,013,997.00	\$0.00	\$0.00	\$1,013,997.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287160 - CP 0022-287160 - Scrub Seal - CSAH 22

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 22 (Hwy 22) - TH 73 to TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 287160

**STATE PROJECT #:** CP 0022-287160

**ROAD #:** CSAH 22

**ROAD NAME:** Hwy 22

**BRIDGE #:** NA

**SECTION:** 14 / **TOWNSHIP:** 61 / **RANGE:** 20

**ESTIMATED COST:** \$290,369.66

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$290,369.66	\$0.00	\$0.00	\$0.00	\$0.00	\$290,369.66

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 280020 - CP 0023-280020 - Chip Seal - CSAH 23

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 23 (Nett Lake Rd.) - Lakeshore Dr. (Nett Lake) to TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 280020	<b>STATE PROJECT #:</b> CP 0023-280020	<b>ROAD #:</b> CSAH 23
<b>ROAD NAME:</b> Nett Lake Rd.	<b>BRIDGE #:</b> NA	<b>SECTION:</b> 18 / <b>TOWNSHIP:</b> 65 / <b>RANGE:</b> 21
<b>ESTIMATED COST:</b> \$511,729.70	<b>FUNDING SOURCE:</b> State	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$511,729.70	\$0.00	\$511,729.70

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 72711 - CP 0023-72711 TST - Reclaim & Overlay - CSAH 23

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 23 (Orr-Buyck Rd.) - TH 53 to CSAH 24

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 72711    **STATE PROJECT #:** CP 0023-72711 TST    **ROAD #:** CSAH 23

**ROAD NAME:** Orr-Buyck Rd.    **BRIDGE #:** NA    **SECTION:** 6 / **TOWNSHIP:** 64 / **RANGE:** 19

**ESTIMATED COST:** \$3,693,796.80

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$738,759.36	\$2,955,037.44	\$0.00	\$3,693,796.80

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 229056 - CP 0024-229056 TST \* - Bridge Construction - CSAH 24

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 24 (Kallio Rd.) - CSAH 24 between CR 422 (South Intersect) and CR 422 (North Intersect)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 229056

**STATE PROJECT #:** CP 0024-229056 TST

**ROAD #:** CSAH 24

**ROAD NAME:** Kallio Rd.

**BRIDGE #:** 361

**SECTION:** 27 / **TOWNSHIP:** 64 / **RANGE:** 17

**ESTIMATED COST:** \$679,960.56

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$679,960.56	\$0.00	\$0.00	\$679,960.56

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278063 - CP 0024-278063 - Chip Seal - CSAH 24

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 24 (Vermilion Dr.) - TH 53 to CSAH 115

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278063

**STATE PROJECT #:** CP 0024-278063

**ROAD #:** CSAH 24

**ROAD NAME:** Vermilion Dr.

**BRIDGE #:** NA

**SECTION:** 18 / **TOWNSHIP:** 62 / **RANGE:** 18

**ESTIMATED COST:** \$33,329.30

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$33,329.30	\$0.00	\$33,329.30

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278064 - CP 0024-278064 - Chip Seal - CSAH 24

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 24 (Vermilion Dr.) - CSAH 115 to CR 426

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278064

**STATE PROJECT #:** CP 0024-278064

**ROAD #:** CSAH 24

**ROAD NAME:** Vermilion Dr.

**BRIDGE #:** NA

**SECTION:** 18 / **TOWNSHIP:** 62 / **RANGE:** 18

**ESTIMATED COST:** \$291,475.48

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$291,475.48	\$0.00	\$291,475.48

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 272429 - CP 0024-272429 TST - Chip Seal - CSAH 24

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 24 (Crane Lake Rd.) - CSAH 23 to Crane Lake

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 272429

**STATE PROJECT #:** CP 0024-272429 TST

**ROAD #:** CSAH 24

**ROAD NAME:** Crane Lake Rd.

**BRIDGE #:** NA

**SECTION: / TOWNSHIP:** 63 / **RANGE:** 19

**ESTIMATED COST:** \$365,729.04

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$365,729.04	\$0.00	\$0.00	\$365,729.04

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 216090 - CP 0024-216090 TST \* - Reclaim & Overlay - CSAH 24

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 24 (Crane Lake Rd.) - CSAH 23 to Crane Lake

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 216090

**STATE PROJECT #:** CP 0024-216090 TST

**ROAD #:** CSAH 24

**ROAD NAME:** Crane Lake Rd.

**BRIDGE #:** NA

**SECTION:** 9 / **TOWNSHIP:** 65 / **RANGE:** 17

**ESTIMATED COST:** \$2,991,723.92

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$2,991,723.92	\$0.00	\$0.00	\$2,991,723.92

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153449 - CP 0025-153449 - Chip Seal - CSAH 25

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 25 (Hwy 25) - TH 37 to TH 169

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: 153449

STATE PROJECT #: CP 0025-153449

ROAD #: CSAH 25

ROAD NAME: Hwy 25

BRIDGE #: NA

SECTION: 9 / TOWNSHIP: 58 / RANGE: 19

ESTIMATED COST: \$152,834.33

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$152,834.33	\$0.00	\$152,834.33

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275062 - CP 0025-275062 TST - Guard Rail - CSAH 25

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CSAH 25 (Samuelson Rd.) - Bridge 679 - .61 Mi. South of CR 958

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275062

**STATE PROJECT #:** CP 0025-275062 TST

**ROAD #:** CSAH 25

**ROAD NAME:** Samuelson Rd.

**BRIDGE #:** 679

**SECTION:** 26 / **TOWNSHIP:** 62 / **RANGE:** 19

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 287161 - CP 0025-287161 - Scrub Seal - CSAH 25

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 25 (Smith Rd.) - CSAH 125 to CSAH 65 (North Junction)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: 287161

STATE PROJECT #: CP 0025-287161

ROAD #: CSAH 25

ROAD NAME: Smith Rd.

BRIDGE #: NA

SECTION: 9 / TOWNSHIP: 58 / RANGE: 19

ESTIMATED COST: \$370,612.57

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$370,612.57	\$0.00	\$0.00	\$0.00	\$0.00	\$370,612.57

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287162 - CP 0025-287162 - Scrub Seal - CSAH 25

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 25 (Hwy 25) - UT 8163 (Graham Rd.) to CSAH 82 (Heino Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 287162

**STATE PROJECT #:** CP 0025-287162

**ROAD #:** CSAH 25

**ROAD NAME:** Hwy 25

**BRIDGE #:** NA

**SECTION:** 5 / **TOWNSHIP:** 60 / **RANGE:** 19

**ESTIMATED COST:** \$88,920.24

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$88,920.24	\$0.00	\$0.00	\$0.00	\$0.00	\$88,920.24

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 249391 - CP 0031-249391 - Chip Seal - CSAH 31

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 31 (Twin Lakes Dr.) - CSAH 80 (Brookston Rd. W.) to Bridge 146 in Brookston, MN

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 249391    **STATE PROJECT #:** CP 0031-249391    **ROAD #:** CSAH 31

**ROAD NAME:** Twin Lakes Dr.    **BRIDGE #:** NA    **SECTION:** 10 / **TOWNSHIP:** 50 / **RANGE:** 18

**ESTIMATED COST:** \$70,837.89

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$70,837.89	\$0.00	\$0.00	\$0.00	\$0.00	\$70,837.89

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278317 - CP 0034-278317 TST - Intersection Improvements - CSAH 34

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Intersection Improvements - CSAH 34 (Howard Gnesen) - Intersection of CSAH 34 and Arrowhead Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278317

**STATE PROJECT #:** CP 0034-278317 TST

**ROAD #:** CSAH 34

**ROAD NAME:** Howard Gnesen

**BRIDGE #:** NA

**SECTION:** 10 / **TOWNSHIP:** 50 / **RANGE:** 14

**ESTIMATED COST:** \$130,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$130,001.00	\$0.00	\$0.00	\$130,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 290908 - CP 0037-290908 - Scrub Seal - CSAH 37

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 37 (Jean Duluth Rd) - Glenwood to CSAH 44 (Normanna Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: 290908

STATE PROJECT #: CP 0037-290908

ROAD #: CSAH 37

ROAD NAME: Jean Duluth Rd

BRIDGE #: NA

SECTION: 12 / TOWNSHIP: 50 / RANGE: 14

ESTIMATED COST: \$426,805.09

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$426,805.09	\$0.00	\$0.00	\$0.00	\$0.00	\$426,805.09

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 283104 - CP 0038-283104 TST\* - Reclaim & Overlay - CSAH 38

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 38 (Normanna Rd.) - CSAH 44 (Pequawaywan Lake Rd.) to CR 254 (N. Tischer Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 283104

**STATE PROJECT #:** CP 0038-283104 TST\*

**ROAD #:** CSAH 38

**ROAD NAME:** Normanna Rd.

**BRIDGE #:** NA

**SECTION:** 18 / **TOWNSHIP:** 52 / **RANGE:** 13

**ESTIMATED COST:** \$347,010.11

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$347,010.11	\$0.00	\$0.00	\$347,010.11

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 244394 - CP 0040-244394 TST - Reclaim & Overlay - CSAH 40

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 40 (N. Tischer Rd.) - CSAH 40 (N. Tischer Rd.) from CSAH 43 (Lismore Rd.) to CR 254 (N. Tischer Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 244394

**STATE PROJECT #:** CP 0040-244394 TST

**ROAD #:** CSAH 40

**ROAD NAME:** N. Tischer Rd.

**BRIDGE #:** NA

**SECTION:** 33 / **TOWNSHIP:** 52 / **RANGE:** 13

**ESTIMATED COST:** \$654,467.08

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$654,467.08	\$0.00	\$0.00	\$654,467.08

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300420 - CP 0044-300420 TST - Reclaim & Overlay - CSAH 44

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 44 (Pequaywan Lake) - 390' N. of UT 9203 to .85 Mi. N.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300420

**STATE PROJECT #:** CP 0044-300420 TST

**ROAD #:** CSAH 44

**ROAD NAME:** Pequaywan Lake

**BRIDGE #:** NA

**SECTION:** 24 / **TOWNSHIP:** 54 / **RANGE:** 13

**ESTIMATED COST:** \$192,867.05

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$192,867.05	\$0.00	\$0.00	\$192,867.05

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 249392 - CP 0045-249392 - Chip Seal - CSAH 45

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 45 (N. Cloquet Rd.) - Carlton County Line to CR 284 (Ugstad Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 249392

**STATE PROJECT #:** CP 0045-249392

**ROAD #:** CSAH 45

**ROAD NAME:** N. Cloquet Rd.

**BRIDGE #:** NA

**SECTION:** 7 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$166,966.68

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$166,966.68	\$0.00	\$0.00	\$0.00	\$0.00	\$166,966.68

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 241967 - CP 0047-241967 - Chip Seal - CSAH 47

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 47 (Swan Lake Rd.) - TR 5846 (Eier Rd.) to TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 241967    **STATE PROJECT #:** CP 0047-241967    **ROAD #:** CSAH 47

**ROAD NAME:** Swan Lake Rd.    **BRIDGE #:** NA    **SECTION:** 26 / **TOWNSHIP:** 52 / **RANGE:** 17

**ESTIMATED COST:** \$191,528.61    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$191,528.61	\$0.00	\$191,528.61

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 257711 - CP 0048-257711 - Chip Seal - CSAH 48

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 48 (Lavaque Bypass) - TH 53 to CSAH 9 (Martin Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 257711

**STATE PROJECT #:** CP 0048-257711

**ROAD #:** CSAH 48

**ROAD NAME:** Lavaque Bypass

**BRIDGE #:** NA

**SECTION:** 3 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$58,666.22

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$58,666.22	\$0.00	\$0.00	\$0.00	\$0.00	\$58,666.22

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153455 - CP 0052-153455 TST - Reclaim & Overlay - CSAH 52

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 52 (Arkola Rd) - 0.3 miles west of CSAH 7 to TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153455

**STATE PROJECT #:** CP 0052-153455 TST

**ROAD #:** CSAH 52

**ROAD NAME:** Arkola Rd

**BRIDGE #:** NA

**SECTION:** 11 / **TOWNSHIP:** 54 / **RANGE:** 18

**ESTIMATED COST:** \$1,547,052.88

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$773,526.44	\$773,526.44	\$0.00	\$1,547,052.88

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 8577 - CP 0052-8577 - RR Xing Improvement - CSAH 52

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety of the railroad/highway grade crossing.

**PROJECT DESCRIPTION AND LOCATION:** RR Xing Improvement - CSAH 52 (Arkola Rd.) - BNSF RR Xing 0.8 miles west of CSAH 7, USDOT #061246P

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 8577

**STATE PROJECT #:** CP 0052-8577

**ROAD #:** CSAH 52

**ROAD NAME:** Arkola Rd.

**BRIDGE #:** NA

**SECTION:** 15 / **TOWNSHIP:** 54 / **RANGE:** 18

**ESTIMATED COST:** \$250,000.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$250,000.00	\$0.00	\$250,000.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 249393 - CP 0056-249393 - Chip Seal - CSAH 56

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 56 (Morris Thomas) - CSAH 98 (Canosia Rd.) to CSAH 13 (Midway Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 249393

**STATE PROJECT #:** CP 0056-249393

**ROAD #:** CSAH 56

**ROAD NAME:** Morris Thomas

**BRIDGE #:** NA

**SECTION:** 31 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$92,812.10

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$92,812.10	\$0.00	\$0.00	\$0.00	\$0.00	\$92,812.10

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 292087 - CP 0061-292087 - Crack Sealing - CSAH 61

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This treatment is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Crack Sealing - CSAH 61 (North Shore Dr) - 1,200' SW of CSAH 33 to Lake County Line

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Crack sealing will reduce the amount of resources required to maintain the road in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 292087

**STATE PROJECT #:** CP 0061-292087

**ROAD #:** CSAH 61

**ROAD NAME:** North Shore Dr

**BRIDGE #:** NA

**SECTION:** 19 / **TOWNSHIP:** 51 / **RANGE:** 12

**ESTIMATED COST:** \$127,522.95

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$127,522.95	\$0.00	\$127,522.95

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 280500 - CP 0068-280500 - Chip Seal - CSAH 68

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 68 (Hwy 68) - CSAH 106 to CR 303

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 280500    **STATE PROJECT #:** CP 0068-280500    **ROAD #:** CSAH 68

**ROAD NAME:** Hwy 68    **BRIDGE #:** NA    **SECTION:** 26 / **TOWNSHIP:** 60 / **RANGE:** 18

**ESTIMATED COST:** \$114,333.35    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$114,333.35	\$0.00	\$114,333.35

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 260638 - CP 0068-260638 TST\* - Reclaim & Overlay - CSAH 68

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 68 (Rice River Rd.) - Intersection of CSAH 68 (Britt Rd.) and CR 303 to TH 169

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 260638

**STATE PROJECT #:** CP 0068-260638 TST\*

**ROAD #:** CSAH 68

**ROAD NAME:** Rice River Rd.

**BRIDGE #:** NA

**SECTION:** 34 / **TOWNSHIP:** 60 / **RANGE:** 17

**ESTIMATED COST:** \$734,871.27

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$734,871.27	\$0.00	\$0.00	\$734,871.27

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 249394 - CP 0073-249394 - Chip Seal - CSAH 73

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 73 (Old Hwy 61) - CSAH 13 (Midway Rd.) to CSAH 45 (Old Hwy 61)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 249394

**STATE PROJECT #:** CP 0073-249394

**ROAD #:** CSAH 73

**ROAD NAME:** Old Hwy 61

**BRIDGE #:** NA

**SECTION:** 16 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$47,327.56

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$47,327.56	\$0.00	\$0.00	\$0.00	\$0.00	\$47,327.56

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 280501 - CP 0074-280501 - Chip Seal - CSAH 74

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 74 (Willow River Rd) - CR 472 to TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 280501

**STATE PROJECT #:** CP 0074-280501

**ROAD #:** CSAH 74

**ROAD NAME:** Willow River Rd

**BRIDGE #:** NA

**SECTION:** 8 / **TOWNSHIP:** 63 / **RANGE:** 20

**ESTIMATED COST:** \$131,549.46

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$131,549.46	\$0.00	\$0.00	\$0.00	\$0.00	\$131,549.46

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 215031 - CP 0082-215031 TST - Bridge Construction - CSAH 82

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 82 (Heino Rd.) - Between TH 73 and CR 491 (Roini Rd.) Over Gilmore Creek

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 215031

**STATE PROJECT #:** CP 0082-215031 TST

**ROAD #:** CSAH 82

**ROAD NAME:** Heino Rd.

**BRIDGE #:** 645

**SECTION:** 23 / **TOWNSHIP:** 61 / **RANGE:** 20

**ESTIMATED COST:** \$457,774.91

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$457,774.91	\$0.00	\$0.00	\$457,774.91

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 287163 - CP 0087-287163 - Scrub Seal - CSAH 87

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 87 (E. Leander Rd.) - TH 53 to CR 478

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: 287163

STATE PROJECT #: CP 0087-287163

ROAD #: CSAH 87

ROAD NAME: E. Leander Rd.

BRIDGE #: NA

SECTION: 32 / TOWNSHIP: 62 / RANGE: 18

ESTIMATED COST: \$113,666.20

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$113,666.20	\$0.00	\$0.00	\$0.00	\$0.00	\$113,666.20

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 257713 - CP 0090-257713 TST - Sidewalk Construction - CSAH 90

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county

**PROJECT DESCRIPTION AND LOCATION:** Sidewalk Construction - CSAH 90 (Arlington Ave.) - TH 194 (Central Entrance) to Willow St.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 257713

**STATE PROJECT #:** CP 0090-257713 TST

**ROAD #:** CSAH 90

**ROAD NAME:** Arlington Ave.

**BRIDGE #:** NA

**SECTION:** 21 / **TOWNSHIP:** 50 / **RANGE:** 14

**ESTIMATED COST:** \$204,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$204,001.00	\$0.00	\$0.00	\$204,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275393 - CP 0091-275393 - Traffic Signals - CSAH 91

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Traffic Signals - CSAH 91 (Haines Rd.) - Intersection of Haines Rd. and TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New, more efficient traffic signals should reduce electrical costs. Additional turn lanes and striping will need to be maintained.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275393

**STATE PROJECT #:** CP 0091-275393

**ROAD #:** CSAH 91

**ROAD NAME:** Haines Rd.

**BRIDGE #:** NA

**SECTION:** 15 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$50,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$50,001.00	\$0.00	\$50,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 280502 - CP 0097-280502 - Chip Seal - CSAH 97

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 97 (Sparta Rd.) - TH 37 to CSAH 96

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 280502

**STATE PROJECT #:** CP 0097-280502

**ROAD #:** CSAH 97

**ROAD NAME:** Sparta Rd.

**BRIDGE #:** NA

**SECTION:** 34 / **TOWNSHIP:** 58 / **RANGE:** 17

**ESTIMATED COST:** \$65,181.10

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$65,181.10	\$0.00	\$0.00	\$0.00	\$0.00	\$65,181.10

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 290909 - CP 0098-290909 - Scrub Seal - CSAH 98

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 98 (Canosia Rd) - TH 194 to CSAH 7 (Industrial Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 290909    **STATE PROJECT #:** CP 0098-290909    **ROAD #:** CSAH 98

**ROAD NAME:** Canosia Rd    **BRIDGE #:** NA    **SECTION:** 4 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$110,135.83

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$110,135.83	\$0.00	\$0.00	\$0.00	\$0.00	\$110,135.83

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287164 - CP 0101-287164 - Scrub Seal - CSAH 101

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 101 (Hwy 101) - CR 955 to CSAH 7

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 287164

**STATE PROJECT #:** CP 0101-287164

**ROAD #:** CSAH 101

**ROAD NAME:** Hwy 101

**BRIDGE #:** NA

**SECTION:** 34 / **TOWNSHIP:** 58 / **RANGE:** 18

**ESTIMATED COST:** \$24,100.70

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$24,100.70	\$0.00	\$0.00	\$0.00	\$0.00	\$24,100.70

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 288984 - CP 0108-288984 TST - 2" Overlay - CSAH 108

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** 2" Overlay - CSAH 108 (Long Lake Rd.) - CSAH 108 from CSAH 16 to UT 9234 (Little Lake Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 288984

**STATE PROJECT #:** CP 0108-288984 TST

**ROAD #:** CSAH 108

**ROAD NAME:** Long Lake Rd.

**BRIDGE #:** NA

**SECTION:** 4 / **TOWNSHIP:** 56 / **RANGE:** 16

**ESTIMATED COST:** \$466,805.94

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$466,805.94	\$0.00	\$0.00	\$466,805.94

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 279350 - CP 0108-279350 TST\* - GRIP - CSAH 108

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** GRIP - CSAH 108 (Lost Lake Rd.) - CSAH 16 (Town Line Rd.) to 3.28 Mi. North

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 279350

**STATE PROJECT #:** CP 0108-279350 TST\*

**ROAD #:** CSAH 108

**ROAD NAME:** Lost Lake Rd.

**BRIDGE #:** NA

**SECTION:** 34 / **TOWNSHIP:** 57 / **RANGE:** 16

**ESTIMATED COST:** \$196,284.80

**FUNDING SOURCE:** GRIP

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$196,284.80	\$0.00	\$0.00	\$0.00	\$0.00	\$196,284.80

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 176330 - CP 0110-176330 - Bridge Construction - CSAH 110

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 110 (Hwy. #110) - CSAH 110 (Hwy 110) between CSAH 130 (Forestry Rd.) and CR 633 (Colby Lake Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 176330

**STATE PROJECT #:** CP 0110-176330

**ROAD #:** CSAH 110

**ROAD NAME:** Hwy. #110

**BRIDGE #:** 488

**SECTION:** 12 / **TOWNSHIP:** 58 / **RANGE:** 15

**ESTIMATED COST:** \$2,874,790.29

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$2,874,790.29	\$0.00	\$2,874,790.29

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243925 - CP 0116-243925 TST - Bridge Construction - CSAH 116

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 116 (Echo Trail) - CSAH 116 (Echo Trail) Approximately 2.6 Mi. East of the Intersection w/ CSAH 24

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243925

**STATE PROJECT #:** CP 0116-243925 TST

**ROAD #:** CSAH 116

**ROAD NAME:** Echo Trail

**BRIDGE #:** 367

**SECTION:** 36 / **TOWNSHIP:** 66 / **RANGE:** 17

**ESTIMATED COST:** \$1,372,741.72

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$1,372,741.72	\$0.00	\$0.00	\$1,372,741.72

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 254632 - CP 0122-254632 \* - Culvert Replacement - CSAH 122

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CSAH 122 (Gamma Rd.) - 1.05 Mi. North of TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 254632

**STATE PROJECT #:** CP 0122-254632 \*

**ROAD #:** CSAH 122

**ROAD NAME:** Gamma Rd.

**BRIDGE #:** NA

**SECTION:** 4 / **TOWNSHIP:** 68 / **RANGE:** 21

**ESTIMATED COST:** \$96,868.75

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$96,868.75	\$0.00	\$0.00	\$0.00	\$0.00	\$96,868.75

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 254633 - CP 0123-254633 - Culvert Replacement - CSAH 123

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CSAH 123 (Gappa Rd.) - South Jct. CSAH 122 to North Jct. CSAH 122

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 254633

**STATE PROJECT #:** CP 0123-254633

**ROAD #:** CSAH 123

**ROAD NAME:** Gappa Rd.

**BRIDGE #:** NA

**SECTION:** 33 / **TOWNSHIP:** 69 / **RANGE:** 21

**ESTIMATED COST:** \$179,108.75

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$179,108.75	\$0.00	\$179,108.75

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 289400 - CP 0133-289400 TST - Reclaim & Overlay - CSAH 133

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 133 (Hwy 133) - Itasca County Line to TH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 289400

**STATE PROJECT #:** CP 0133-289400 TST

**ROAD #:** CSAH 133

**ROAD NAME:** Hwy 133

**BRIDGE #:** NA

**SECTION:** 17 / **TOWNSHIP:** 53 / **RANGE:** 21

**ESTIMATED COST:** \$882,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$882,001.00	\$0.00	\$0.00	\$882,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 257592 - CP 0136-257592 - Complete Reconstruction - CSAH 136

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Traffic, existing substandard geometrics and deficient subgrade conditions require that the highway be reconstructed to meet the projected needs of the road network.

**PROJECT DESCRIPTION AND LOCATION:** Complete Reconstruction - CSAH 136 (6th St. SW) - CSAH 5 (0.3 miles NW of CSAH 136) to Trunk Highway 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface, subgrade and drainage improvements will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 257592

**STATE PROJECT #:** CP 0136-257592

**ROAD #:** CSAH 136

**ROAD NAME:** 6th St. SW

**BRIDGE #:** NA

**SECTION:** 19 / **TOWNSHIP:** 58 / **RANGE:** 20

**ESTIMATED COST:** \$1,615,683.70

**FUNDING SOURCE:** Private

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$0.00	\$1,615,683.70	\$1,615,683.70

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 298567 - CP 0136-298567 - Traffic Signals - CSAH 136

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Traffic Signals - CSAH 136 () - Intersection CSAH 136 and MN TH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New, more efficient traffic signals should reduce electrical costs. Additional turn lanes and striping will need to be maintained.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 298567	<b>STATE PROJECT #:</b> CP 0136-298567	<b>ROAD #:</b> CSAH 136
<b>ROAD NAME:</b>	<b>BRIDGE #:</b> NA	<b>SECTION:</b> 20 / <b>TOWNSHIP:</b> 58 / <b>RANGE:</b> 20
<b>ESTIMATED COST:</b> \$152,001.00	<b>FUNDING SOURCE:</b> Local	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$152,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$152,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274460 - CP 0138-274460 TST\* - Reclaim & Overlay - CSAH 138

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 138 (Levander Rd.) - CSAH 21 to TH 135

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274460

**STATE PROJECT #:** CP 0138-274460 TST\*

**ROAD #:** CSAH 138

**ROAD NAME:** Levander Rd.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 60 / **RANGE:** 15

**ESTIMATED COST:** \$537,987.32

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$537,987.32	\$0.00	\$0.00	\$537,987.32

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 268531 - CP 0142-268531 - Mill & Overlay - CSAH 142

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Mill & Overlay - CSAH 142 (Park Ave.) - TH 53 to 700' W

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 268531

**STATE PROJECT #:** CP 0142-268531

**ROAD #:** CSAH 142

**ROAD NAME:** Park Ave.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 58 / **RANGE:** 17

**ESTIMATED COST:** \$30,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$30,001.00	\$0.00	\$30,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 213069 - CP 0180-213069 TST - Bridge Construction - CR 180

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 180 (County Road 180) - CR 180 between TH 53 and Blackduck Lake

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 213069

**STATE PROJECT #:** CP 0180-213069 TST

**ROAD #:** CR 180

**ROAD NAME:** County Road 180

**BRIDGE #:** 867

**SECTION:** 2 / **TOWNSHIP:** 65 / **RANGE:** 19

**ESTIMATED COST:** \$859,352.75

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$859,352.75	\$0.00	\$0.00	\$859,352.75

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243860 - CP 0185-243860 TST - Bridge Construction - CR 185

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 185 (Sara Lampi Rd.) - CR 185 (Sara Lampi Rd.) Between CR 743 (Toivola Rd.) and CR 817 (Arkola Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243860

**STATE PROJECT #:** CP 0185-243860 TST

**ROAD #:** CR 185

**ROAD NAME:** Sara Lampi Rd.

**BRIDGE #:** 261

**SECTION:** 11 / **TOWNSHIP:** 54 / **RANGE:** 20

**ESTIMATED COST:** \$523,111.80

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$523,111.80	\$0.00	\$0.00	\$523,111.80

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271489 - CP 0186-271489 TST - Guard Rail - CR 186

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 186 (Savanna Rd.) - Bridge 159 0.51 Mi. South of CR 832

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271489

**STATE PROJECT #:** CP 0186-271489 TST

**ROAD #:** CR 186

**ROAD NAME:** Savanna Rd.

**BRIDGE #:** 159

**SECTION:** 11 / **TOWNSHIP:** 51 / **RANGE:** 21

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243856 - CP 0196-243856 TST - Bridge Construction - CR 196

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 196 (Creek Rd.) - CR 196 (Creek Rd.) Between CSAH 133 (Hwy 133) and CSAH 29 (Hwy 29)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243856

**STATE PROJECT #:** CP 0196-243856 TST

**ROAD #:** CR 196

**ROAD NAME:** Creek Rd.

**BRIDGE #:** 197

**SECTION:** 19 / **TOWNSHIP:** 53 / **RANGE:** 19

**ESTIMATED COST:** \$281,888.29

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$281,888.29	\$0.00	\$0.00	\$281,888.29

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 273079 - CP 0207-273079 TST - Guard Rail - CR 207

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 207 (Stickney Rd.) - Bridge 255 - 1.87 Mi. North of CSAH 52

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 273079

**STATE PROJECT #:** CP 0207-273079 TST

**ROAD #:** CR 207

**ROAD NAME:** Stickney Rd.

**BRIDGE #:** 255

**SECTION:** 31 / **TOWNSHIP:** 55 / **RANGE:** 18

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 244397 - CP 0223-244397 TST\* - Reclaim & Overlay - CR 223

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 223 (Munger Shaw Rd.) - CR 696 (St. Louis River Rd.) to CSAH 6 (Maple Grove Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 244397

**STATE PROJECT #:** CP 0223-244397 TST\*

**ROAD #:** CR 223

**ROAD NAME:** Munger Shaw Rd.

**BRIDGE #:** NA

**SECTION:** 35 / **TOWNSHIP:** 50 / **RANGE:** 16

**ESTIMATED COST:** \$818,686.78

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$818,686.78	\$0.00	\$0.00	\$818,686.78

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 273919 - CP 0230-273919 TST - Guard Rail - CR 230

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 230 (Lavell Rd.) - Bridge 584 - 1.13 Mi. West of CSAH 83

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 273919

**STATE PROJECT #:** CP 0230-273919 TST

**ROAD #:** CR 230

**ROAD NAME:** Lavell Rd.

**BRIDGE #:** 584

**SECTION:** 29 / **TOWNSHIP:** 55 / **RANGE:** 19

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 272222 - CP 0232-272222 TST - Guard Rail - CR 232

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 232 (Lake Nichols Rd) - Bridge 263 - .5 Mi. East of CSAH 7

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 272222

**STATE PROJECT #:** CP 0232-272222 TST

**ROAD #:** CR 232

**ROAD NAME:** Lake Nichols Rd

**BRIDGE #:** 263

**SECTION:** 2 / **TOWNSHIP:** 53 / **RANGE:** 18

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 269613 - CP 0245-269613 TST - Guard Rail - CR 245

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 245 (Washburn Rd.) - Bridge 92

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 269613

**STATE PROJECT #:** CP 0245-269613 TST

**ROAD #:** CR 245

**ROAD NAME:** Washburn Rd.

**BRIDGE #:** 92

**SECTION:** 17 / **TOWNSHIP:** 51 / **RANGE:** 13

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 244395 - CP 0254-244395 TST - Reclaim & Overlay - CR 254

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 254 (N. Tischer Rd.) - CR 254 (N. Tischer Rd.) from CSAH 40 (Pioneer Rd.) to CSAH 38 (Normanna Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 244395

**STATE PROJECT #:** CP 0254-244395 TST

**ROAD #:** CR 254

**ROAD NAME:** N. Tischer Rd.

**BRIDGE #:** NA

**SECTION:** 21 / **TOWNSHIP:** 52 / **RANGE:** 13

**ESTIMATED COST:** \$271,457.78

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$271,457.78	\$0.00	\$0.00	\$271,457.78

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153437 - CP 0259-153437 TST - Reclaim & Overlay - CR 259

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 259 (Beyer Rd) - CR 259 (Beyer Rd.) from CSAH 4 (Rice Lake Rd) to CSAH 34 (Howard Gnesen Rd)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153437    **STATE PROJECT #:** CP 0259-153437 TST    **ROAD #:** CR 259

**ROAD NAME:** Beyer Rd    **BRIDGE #:** NA    **SECTION:** 17 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$415,704.87

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$415,704.87	\$0.00	\$0.00	\$415,704.87

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 269611 - CP 0266-269611 TST - Guard Rail - CR 266

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 266 (Fox Farm Rd.) - Bridge 65

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 269611    **STATE PROJECT #:** CP 0266-269611 TST    **ROAD #:** CR 266

**ROAD NAME:** Fox Farm Rd.    **BRIDGE #:** 65    **SECTION:** 30 / **TOWNSHIP:** 53 / **RANGE:** 12

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 273921 - CP 0274-273921 - Reclaim & Overlay - CR 274

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 274 (Thompson Lake R) - CSAH 4 to .9 Mi. East

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 273921

**STATE PROJECT #:** CP 0274-273921

**ROAD #:** CR 274

**ROAD NAME:** Thompson Lake R

**BRIDGE #:** NA

**SECTION:** 28 / **TOWNSHIP:** 53 / **RANGE:** 14

**ESTIMATED COST:** \$134,721.98

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$134,721.98	\$0.00	\$0.00	\$0.00	\$0.00	\$134,721.98

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153456 - CP 0280-153456 TST - Reclaim & Overlay - CR 280

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 280 (Riley Rd) - CR 289 (Woodland Ave.) to CR 245 (Washburn Rd)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153456

**STATE PROJECT #:** CP 0280-153456 TST

**ROAD #:** CR 280

**ROAD NAME:** Riley Rd

**BRIDGE #:** NA

**SECTION:** 26 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$655,198.19

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$655,198.19	\$0.00	\$0.00	\$655,198.19

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 295016 - CP 0284-295016 TST - Reclaim & Overlay - CR 284

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 284 (Ugstad Rd.) - From CSAH 48 (Lavaque Bypass Rd.) to CSAH 9 (Martin Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 295016

**STATE PROJECT #:** CP 0284-295016 TST

**ROAD #:** CR 284

**ROAD NAME:** Ugstad Rd.

**BRIDGE #:** NA

**SECTION:** 33 / **TOWNSHIP:** 51 / **RANGE:** 15

**ESTIMATED COST:** \$311,257.08

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$311,257.08	\$0.00	\$0.00	\$311,257.08

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153458 - CP 0289-153458 TST - Reclaim & Overlay - CR 289

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 289 (Woodland Ave.) - CSAH 10 (Martin Rd) to CSAH 2 (Tischer Rd)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153458

**STATE PROJECT #:** CP 0289-153458 TST

**ROAD #:** CR 289

**ROAD NAME:** Woodland Ave.

**BRIDGE #:** NA

**SECTION:** 26 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$281,735.72

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$281,735.72	\$0.00	\$0.00	\$281,735.72

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 284942 - CP 0297-284942 TST - Reclaim & Overlay - CR 297

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 297 (Lavaque Rd.) - South Termini to CSAH 48 (Lavaque Bypass)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 284942

**STATE PROJECT #:** CP 0297-284942 TST

**ROAD #:** CR 297

**ROAD NAME:** Lavaque Rd.

**BRIDGE #:** NA

**SECTION:** 2 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$223,489.50

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$223,489.50	\$0.00	\$0.00	\$223,489.50

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 294361 - CP 0303-294361 - Culvert Replacement - CR 303

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CR 303 (Trillium Rd.) - Approximately 90' North of CR 307 (Wuori Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 294361

**STATE PROJECT #:** CP 0303-294361

**ROAD #:** CR 303

**ROAD NAME:** Trillium Rd.

**BRIDGE #:** NA

**SECTION:** 10 / **TOWNSHIP:** 59 / **RANGE:** 17

**ESTIMATED COST:** \$67,432.65

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$67,432.65	\$0.00	\$0.00	\$0.00	\$0.00	\$67,432.65

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 225876 - CP 0307-225876\* - Culvert Replacement - CR 307

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CR 307 (Wuori Rd.) - Approximately 90' West of CR 303 (Trillium Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 225876    **STATE PROJECT #:** CP 0307-225876\*    **ROAD #:** CR 307

**ROAD NAME:** Wuori Rd.    **BRIDGE #:** NA    **SECTION:** 3 / **TOWNSHIP:** 59 / **RANGE:** 17

**ESTIMATED COST:** \$47,003.25

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$47,003.25	\$0.00	\$0.00	\$0.00	\$0.00	\$47,003.25

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 279348 - CP 0315-279348 TST - GRIP - CR 315

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: GRIP - CR 315 (Elbow Lake Rd.) - CR 452 (Iron Junction Rd.) to CSAH 101 (Kane Rd.)

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

### PROJECT INFORMATION

COUNTY PROJECT #: 279348

STATE PROJECT #: CP 0315-279348 TST

ROAD #: CR 315

ROAD NAME: Elbow Lake Rd.

BRIDGE #: NA

SECTION: 16 / TOWNSHIP: 57 / RANGE: 18

ESTIMATED COST: \$226,188.20

FUNDING SOURCE: GRIP

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$226,188.20	\$0.00	\$0.00	\$0.00	\$0.00	\$226,188.20

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 274446 - CP 0315-274446 TST - Guard Rail - CR 315

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - CR 315 (Elbow Lake Rd.) - Bridge 473 - 0.3 Mi. North of CR 317

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 274446

STATE PROJECT #: CP 0315-274446 TST

ROAD #: CR 315

ROAD NAME: Elbow Lake Rd.

BRIDGE #: 473

SECTION: 4 / TOWNSHIP: 57 / RANGE: 18

ESTIMATED COST: \$15,001.00

FUNDING SOURCE: TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 281201 - CP 0329-281201 - Chip Seal - CR 329

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 329 (Peary Rd.) - TH 37 to CR 776

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 281201

**STATE PROJECT #:** CP 0329-281201

**ROAD #:** CR 329

**ROAD NAME:** Peary Rd.

**BRIDGE #:** NA

**SECTION:** 24 / **TOWNSHIP:** 57 / **RANGE:** 18

**ESTIMATED COST:** \$60,158.62

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$60,158.62	\$0.00	\$0.00	\$0.00	\$0.00	\$60,158.62

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274451 - CP 0340-274451 TST - Guard Rail - CR 340

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 340 (Williams Rd.) - Bridge 415 - 0.82 Mi. West of CSAH 4

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274451

**STATE PROJECT #:** CP 0340-274451 TST

**ROAD #:** CR 340

**ROAD NAME:** Williams Rd.

**BRIDGE #:** 415

**SECTION:** 8 / **TOWNSHIP:** 56 / **RANGE:** 15

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274459 - CP 0362-274459 TST - Reclaim & Overlay - CR 362

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 362 (Lehto Rd.) - CR 656 to TH 135

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274459

**STATE PROJECT #:** CP 0362-274459 TST

**ROAD #:** CR 362

**ROAD NAME:** Lehto Rd.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 60 / **RANGE:** 15

**ESTIMATED COST:** \$442,414.66

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$442,414.66	\$0.00	\$0.00	\$442,414.66

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 281189 - CP 0383-281189 - Chip Seal - CR 383

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 383 (W Long Lake Rd) - CR 329 to End of Pavement

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 281189

**STATE PROJECT #:** CP 0383-281189

**ROAD #:** CR 383

**ROAD NAME:** W Long Lake Rd

**BRIDGE #:** NA

**SECTION:** 19 / **TOWNSHIP:** 57 / **RANGE:** 17

**ESTIMATED COST:** \$13,232.77

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$13,232.77	\$0.00	\$0.00	\$0.00	\$0.00	\$13,232.77

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 265708 - CP 0405-265708 - Reclaim & Overlay - CR 405

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 405 (Pelton Rd) - CSAH 68 to UT 8116

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 265708    **STATE PROJECT #:** CP 0405-265708    **ROAD #:** CR 405

**ROAD NAME:** Pelton Rd    **BRIDGE #:** NA    **SECTION:** 31 / **TOWNSHIP:** 60 / **RANGE:** 17

**ESTIMATED COST:** \$91,528.74

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$91,528.74	\$0.00	\$0.00	\$0.00	\$0.00	\$91,528.74

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 215028 - CP 0442-215028 TST - Bridge Construction - CR 442

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 442 (S. Townline Rd.) - CR 442 (S. Townline Rd.) 0.8 Mi. East of Jct. CR 965

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 215028

**STATE PROJECT #:** CP 0442-215028 TST

**ROAD #:** CR 442

**ROAD NAME:** S. Townline Rd.

**BRIDGE #:** 883

**SECTION:** 35 / **TOWNSHIP:** 56 / **RANGE:** 20

**ESTIMATED COST:** \$719,954.50

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$719,954.50	\$0.00	\$0.00	\$719,954.50

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 229632 - CP 0442-229632 - Bridge Construction - CR 442

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 442 (S. Townline Rd.) - CR 442 (S. Townline Rd.) from 2.65 Mi. W. of Jct CR 965 to 2.55 Mi. W. of 965

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 229632    **STATE PROJECT #:** CP 0442-229632    **ROAD #:** CR 442

**ROAD NAME:** S. Townline Rd.    **BRIDGE #:** 859    **SECTION:** 32 / **TOWNSHIP:** 56 / **RANGE:** 20

**ESTIMATED COST:** \$100,001.00    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$100,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 273918 - CP 0444-273918 TST - Guard Rail - CR 444

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 444 (Danahy Rd.) - Bridge 589 - 0.24 Mi. North of CR 926

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 273918

**STATE PROJECT #:** CP 0444-273918 TST

**ROAD #:** CR 444

**ROAD NAME:** Danahy Rd.

**BRIDGE #:** 589

**SECTION:** 14 / **TOWNSHIP:** 55 / **RANGE:** 20

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 274368 - CP 0444-274368 TST - Guard Rail - CR 444

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - CR 444 (Co. Rd. 444) - Bridge 785 - 4.25 Mi. Southwest of CSAH 16

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 274368

STATE PROJECT #: CP 0444-274368 TST

ROAD #: CR 444

ROAD NAME: Co. Rd. 444

BRIDGE #: 785

SECTION: 14 / TOWNSHIP: 56 / RANGE: 20

ESTIMATED COST: \$15,001.00

FUNDING SOURCE: TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274859 - CP 0445-274859 TST - Guard Rail - CR 445

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 445 (Barrett Rd.) - Bridge 629 - 2.76 Mi. South of CSAH 65

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274859

**STATE PROJECT #:** CP 0445-274859 TST

**ROAD #:** CR 445

**ROAD NAME:** Barrett Rd.

**BRIDGE #:** 629

**SECTION:** 6 / **TOWNSHIP:** 59 / **RANGE:** 19

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 269850 - CP 0447-269850 TST - Chip Seal - CR 447

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 447 (Tamminen Rd.) - TH 37 to CR 452 (Iron Junction Road)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 269850

**STATE PROJECT #:** CP 0447-269850 TST

**ROAD #:** CR 447

**ROAD NAME:** Tamminen Rd.

**BRIDGE #:** NA

**SECTION:** 23 / **TOWNSHIP:** 57 / **RANGE:** 19

**ESTIMATED COST:** \$35,146.70

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$35,146.70	\$0.00	\$0.00	\$35,146.70

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153451 - CP 0447-153451 TST \* - Reclaim & Overlay - CR 447

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 447 (Tamminen Rd) - TH 37 to CR 452

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153451

**STATE PROJECT #:** CP 0447-153451 TST

**ROAD #:** CR 447

**ROAD NAME:** Tamminen Rd

**BRIDGE #:** NA

**SECTION:** 23 / **TOWNSHIP:** 57 / **RANGE:** 19

**ESTIMATED COST:** \$253,085.70

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$253,085.70	\$0.00	\$0.00	\$253,085.70

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 269852 - CP 0452-269852 TST - Chip Seal - CR 452

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 452 (Iron Jct. Rd.) - CSAH 25 to CSAH 137

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 269852    **STATE PROJECT #:** CP 0452-269852 TST    **ROAD #:** CR 452

**ROAD NAME:** Iron Jct. Rd.    **BRIDGE #:** NA    **SECTION:** 23 / **TOWNSHIP:** 57 / **RANGE:** 19

**ESTIMATED COST:** \$63,124.05

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$63,124.05	\$0.00	\$0.00	\$63,124.05

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153452 - CP 0452-153452 TST - Reclaim & Overlay - CR 452

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 452 (Iron Jct Rd) - CSAH 25 to CSAH 137

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153452    **STATE PROJECT #:** CP 0452-153452 TST    **ROAD #:** CR 452

**ROAD NAME:** Iron Jct Rd    **BRIDGE #:** NA    **SECTION:** 14 / **TOWNSHIP:** 57 / **RANGE:** 19

**ESTIMATED COST:** \$472,272.70    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$472,272.70	\$0.00	\$0.00	\$472,272.70

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274369 - CP 0453-274369 TST - Guard Rail - CR 453

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 453 (White Rd.) - Bridge 607 - 1.5 Mi. North of TH 37

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274369

**STATE PROJECT #:** CP 0453-274369 TST

**ROAD #:** CR 453

**ROAD NAME:** White Rd.

**BRIDGE #:** 607

**SECTION:** 16 / **TOWNSHIP:** 57 / **RANGE:** 19

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275058 - CP 0481-275058 TST - Guard Rail - CR 481

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 481 (Carpenter Rd.) - Bridge 672 - 1.25 Mi. South of TH 1

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275058

**STATE PROJECT #:** CP 0481-275058 TST

**ROAD #:** CR 481

**ROAD NAME:** Carpenter Rd.

**BRIDGE #:** 672

**SECTION:** 19 / **TOWNSHIP:** 62 / **RANGE:** 19

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276897 - CP 0483-276897 - Reclaim & Overlay - CR 483

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 483 (S. Pike Lake Rd) - CR 982 (Old Miller Trunk) to CR 982 (Old Miller Trunk)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276897    **STATE PROJECT #:** CP 0483-276897    **ROAD #:** CR 483

**ROAD NAME:** S. Pike Lake Rd    **BRIDGE #:** NA    **SECTION:** 36 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$146,894.64    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$146,894.64	\$0.00	\$0.00	\$0.00	\$0.00	\$146,894.64

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 190852 - CP 0488-190852 TST - Bridge Construction - CR 488

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 488 (North Burtness) - Between TH 53 and CR 540 (East Olson Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 190852

**STATE PROJECT #:** CP 0488-190852 TST

**ROAD #:** CR 488

**ROAD NAME:** North Burtness

**BRIDGE #:** 656

**SECTION:** 3 / **TOWNSHIP:** 62 / **RANGE:** 19

**ESTIMATED COST:** \$352,800.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$352,800.00	\$0.00	\$0.00	\$352,800.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275059 - CP 0500-275059 TST - Guard Rail - CR 500

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 500 (Wein Rd.) - Bridge 684 - 1.4 Mi. West of TH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275059

**STATE PROJECT #:** CP 0500-275059 TST

**ROAD #:** CR 500

**ROAD NAME:** Wein Rd.

**BRIDGE #:** 684

**SECTION:** 16 / **TOWNSHIP:** 62 / **RANGE:** 20

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 254630 - CP 0515-254630 TST - Chip Seal - CR 515

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 515 (Hitchcock Rd.) - CSAH 23 to North Terminus

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 254630

**STATE PROJECT #:** CP 0515-254630 TST

**ROAD #:** CR 515

**ROAD NAME:** Hitchcock Rd.

**BRIDGE #:** NA

**SECTION:** 13 / **TOWNSHIP:** 64 / **RANGE:** 20

**ESTIMATED COST:** \$84,201.61

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$84,201.61	\$0.00	\$0.00	\$84,201.61

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153447 - CP 0515-153447 TST \* - Reclaim & Overlay - CR 515

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 515 (Hitchcock Rd) - CSAH 23 to North Terminus

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153447

**STATE PROJECT #:** CP 0515-153447 TST

**ROAD #:** CR 515

**ROAD NAME:** Hitchcock Rd

**BRIDGE #:** NA

**SECTION:** 13 / **TOWNSHIP:** 64 / **RANGE:** 20

**ESTIMATED COST:** \$549,497.56

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$549,497.56	\$0.00	\$0.00	\$549,497.56

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 254631 - CP 0516-254631 TST - Chip Seal - CR 516

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 516 (Sugar Bush Tr.) - CR 515 to Boat Landing

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 254631

**STATE PROJECT #:** CP 0516-254631 TST

**ROAD #:** CR 516

**ROAD NAME:** Sugar Bush Tr.

**BRIDGE #:** NA

**SECTION:** 11 / **TOWNSHIP:** 64 / **RANGE:** 20

**ESTIMATED COST:** \$17,876.17

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$17,876.17	\$0.00	\$0.00	\$17,876.17

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153448 - CP 0516-153448 TST - Reclaim & Overlay - CR 516

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 516 (Sugar Bush Tr) - CR 515 to Boat Landing

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153448

**STATE PROJECT #:** CP 0516-153448 TST

**ROAD #:** CR 516

**ROAD NAME:** Sugar Bush Tr

**BRIDGE #:** NA

**SECTION:** 11 / **TOWNSHIP:** 64 / **RANGE:** 20

**ESTIMATED COST:** \$102,668.02

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$102,668.02	\$0.00	\$0.00	\$102,668.02

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243937 - CP 0540-243937 TST - Bridge Construction - CR 540

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 540 (East Olson Rd.) - CR 540 (East Olson Rd.) Between CR 937 (Wood Rd.) and TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243937

**STATE PROJECT #:** CP 0540-243937 TST

**ROAD #:** CR 540

**ROAD NAME:** East Olson Rd.

**BRIDGE #:** 705

**SECTION:** 2 / **TOWNSHIP:** 62 / **RANGE:** 19

**ESTIMATED COST:** \$297,963.70

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$297,963.70	\$0.00	\$0.00	\$297,963.70

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 269614 - CP 0547-269614 TST - Guard Rail - CR 547

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 547 (Brimson Rd.) - Bridge 384

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 269614

**STATE PROJECT #:** CP 0547-269614 TST

**ROAD #:** CR 547

**ROAD NAME:** Brimson Rd.

**BRIDGE #:** 384

**SECTION:** 15 / **TOWNSHIP:** 55 / **RANGE:** 13

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 269612 - CP 0547-269612 TST - Guard Rail - CR 547

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 547 (Brimson Rd.) - Bridge 410

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 269612

**STATE PROJECT #:** CP 0547-269612 TST

**ROAD #:** CR 547

**ROAD NAME:** Brimson Rd.

**BRIDGE #:** 410

**SECTION:** 3 / **TOWNSHIP:** 55 / **RANGE:** 12

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 281187 - CP 0594-281187 - Chip Seal - CR 594

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 594 (Station 44 Rd.) - TH 37 to End of Pavement

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: 281187

STATE PROJECT #: CP 0594-281187

ROAD #: CR 594

ROAD NAME: Station 44 Rd.

BRIDGE #: NA

SECTION: 33 / TOWNSHIP: 58 / RANGE: 17

ESTIMATED COST: \$6,789.16

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$6,789.16	\$0.00	\$0.00	\$0.00	\$0.00	\$6,789.16

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243861 - CP 0597-243861 TST \* - Bridge Construction - CR 597

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 597 (Arola Rd.) - .25 Mi. North of Jct. CR 936 to .35 Mi. North of Jct. CR 936

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243861

**STATE PROJECT #:** CP 0597-243861 TST

**ROAD #:** CR 597

**ROAD NAME:** Arola Rd.

**BRIDGE #:** 355

**SECTION:** 29 / **TOWNSHIP:** 61 / **RANGE:** 18

**ESTIMATED COST:** \$854,246.84

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$854,246.84	\$0.00	\$0.00	\$854,246.84

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275060 - CP 0600-275060 TST - Guard Rail - CR 600

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 600 (Johnson Rd. Ext) - Bridge 324 - .78 Mi. South of CSAH 115

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275060

**STATE PROJECT #:** CP 0600-275060 TST

**ROAD #:** CR 600

**ROAD NAME:** Johnson Rd. Ext

**BRIDGE #:** 324

**SECTION:** 16 / **TOWNSHIP:** 62 / **RANGE:** 18

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 213067 - CP 0611-213067 TST - Bridge Construction - CR 611

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 611 (Hopper Rd.) - CR 611 (Hopper Rd.) between Stone Lake Bridge Rd. and CSAH 44

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 213067

**STATE PROJECT #:** CP 0611-213067 TST

**ROAD #:** CR 611

**ROAD NAME:** Hopper Rd.

**BRIDGE #:** 783

**SECTION:** 22 / **TOWNSHIP:** 55 / **RANGE:** 12

**ESTIMATED COST:** \$463,895.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$463,895.00	\$0.00	\$0.00	\$463,895.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274457 - CP 0615-274457 TST - Reclaim & Overlay - CR 615

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 615 (Salo Rd. W.) - CSAH 138 (North of CSAH 21) to CSAH 21

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274457

**STATE PROJECT #:** CP 0615-274457 TST

**ROAD #:** CR 615

**ROAD NAME:** Salo Rd. W.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 60 / **RANGE:** 15

**ESTIMATED COST:** \$198,615.36

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$198,615.36	\$0.00	\$0.00	\$198,615.36

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274449 - CP 0416-274449 TST - Guard Rail - CR 632

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 632 (Wilson Rd.) - Bridge 416 - 0.06 Mi. West of CSAH 4

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274449

**STATE PROJECT #:** CP 0416-274449 TST

**ROAD #:** CR 632

**ROAD NAME:** Wilson Rd.

**BRIDGE #:** 416

**SECTION:** 4 / **TOWNSHIP:** 56 / **RANGE:** 15

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 279346 - CP 0642-279346 TST - GRIP - CR 642

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: GRIP - CR 642 (Hayes Rd.) - CSAH 5 to CSAH 25

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

### PROJECT INFORMATION

COUNTY PROJECT #: 279346

STATE PROJECT #: CP 0642-279346 TST

ROAD #: CR 642

ROAD NAME: Hayes Rd.

BRIDGE #: NA

SECTION: 36 / TOWNSHIP: 58 / RANGE: 20

ESTIMATED COST: \$282,127.00

FUNDING SOURCE: GRIP

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$282,127.00	\$0.00	\$0.00	\$0.00	\$0.00	\$282,127.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274458 - CP 0656-274458 TST - Reclaim & Overlay - CR 656

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 656 (Lehto Rd.) - CR 362 to CSAH 21

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274458    **STATE PROJECT #:** CP 0656-274458 TST    **ROAD #:** CR 656

**ROAD NAME:** Lehto Rd.    **BRIDGE #:** NA    **SECTION:** 29 / **TOWNSHIP:** 60 / **RANGE:** 15

**ESTIMATED COST:** \$147,082.59    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$147,082.59	\$0.00	\$0.00	\$147,082.59

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 273083 - CP 0661-273083 TST - Guard Rail - CR 661

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 661 (Dass Rd.) - Bridge 402 - .39 Mi. South of CSAH 28

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 273083    **STATE PROJECT #:** CP 0661-273083 TST    **ROAD #:** CR 661

**ROAD NAME:** Dass Rd.    **BRIDGE #:** 402    **SECTION:** 31 / **TOWNSHIP:** 55 / **RANGE:** 18

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275049 - CP 0666-275049 TST - Guard Rail - CR 666

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 666 (County Rd. 666) - Bridge 842 - 1.36 Mi. North of CSAH 110

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275049

**STATE PROJECT #:** CP 0666-275049 TST

**ROAD #:** CR 666

**ROAD NAME:** County Rd. 666

**BRIDGE #:** 842

**SECTION:** 9 / **TOWNSHIP:** 58 / **RANGE:** 14

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275055 - CP 0666-275055 TST - Guard Rail - CR 666

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 666 (County Rd. 666) - Bridge 844 - 1.97 Mi. North of CSAH 110

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275055

**STATE PROJECT #:** CP 0666-275055 TST

**ROAD #:** CR 666

**ROAD NAME:** County Rd. 666

**BRIDGE #:** 844

**SECTION:** 4 / **TOWNSHIP:** 58 / **RANGE:** 14

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 275056 - CP 0666-275056 TST - Guard Rail - CR 666

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - CR 666 (County Rd. 666) - Bridge 872 - 5.89 Mi. North of CSAH 110

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 275056

STATE PROJECT #: CP 0666-275056 TST

ROAD #: CR 666

ROAD NAME: County Rd. 666

BRIDGE #: 872

SECTION: 19 / TOWNSHIP: 59 / RANGE: 14

ESTIMATED COST: \$15,001.00

FUNDING SOURCE: TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 244408 - CP 0675-244408 TST - Reclaim & Overlay - CR 675

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 675 (Arnold Rd.) - CSAH 43 (Lismore Rd.) to CSAH 44 (Normanna Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 244408

**STATE PROJECT #:** CP 0675-244408 TST

**ROAD #:** CR 675

**ROAD NAME:** Arnold Rd.

**BRIDGE #:** NA

**SECTION:** 34 / **TOWNSHIP:** 52 / **RANGE:** 14

**ESTIMATED COST:** \$842,610.68

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$842,610.68	\$0.00	\$0.00	\$842,610.68

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 272430 - CP 0677-272430 TST - Chip Seal - CR 677

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 677 (King Rd.) - TH 53 to 0.47 Mi. E.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 272430

**STATE PROJECT #:** CP 0677-272430 TST

**ROAD #:** CR 677

**ROAD NAME:** King Rd.

**BRIDGE #:** NA

**SECTION:** 32 / **TOWNSHIP:** 65 / **RANGE:** 19

**ESTIMATED COST:** \$18,617.23

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$18,617.23	\$0.00	\$0.00	\$18,617.23

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153446 - CP 0677-153446 TST - Reclaim & Overlay - CR 677

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 677 (King Rd.) - TH 53 to 0.47 Mi. E.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153446

**STATE PROJECT #:** CP 0677-153446 TST

**ROAD #:** CR 677

**ROAD NAME:** King Rd.

**BRIDGE #:** NA

**SECTION:** 32 / **TOWNSHIP:** 65 / **RANGE:** 19

**ESTIMATED COST:** \$148,600.18

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$148,600.18	\$0.00	\$0.00	\$148,600.18

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287165 - CP 0708-287165 - Scrub Seal - CR 708

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CR 708 (Old Hwy 169) - TH 169 to CR 661 (Spirit Lake Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 287165    **STATE PROJECT #:** CP 0708-287165    **ROAD #:** CR 708

**ROAD NAME:** Old Hwy 169    **BRIDGE #:** NA    **SECTION:** 23 / **TOWNSHIP:** 58 / **RANGE:** 19

**ESTIMATED COST:** \$65,325.30

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$65,325.30	\$0.00	\$0.00	\$0.00	\$0.00	\$65,325.30

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278130 - CP 0723-278130 TST - Chip Seal - CR 723

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 723 (Myrtle Lake Rd.) - CSAH 23 to North Terminus

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278130

**STATE PROJECT #:** CP 0723-278130 TST

**ROAD #:** CR 723

**ROAD NAME:** Myrtle Lake Rd.

**BRIDGE #:** NA

**SECTION:** 32 / **TOWNSHIP:** 65 / **RANGE:** 18

**ESTIMATED COST:** \$14,369.07

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$14,369.07	\$0.00	\$0.00	\$14,369.07

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278129 - CP 0723-278129 TST - Mill & Overlay - CR 723

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Mill & Overlay - CR 723 (Myrtle Lake Rd.) - CSAH 23 to North Terminus

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278129

**STATE PROJECT #:** CP 0723-278129 TST

**ROAD #:** CR 723

**ROAD NAME:** Myrtle Lake Rd.

**BRIDGE #:** NA

**SECTION:** 32 / **TOWNSHIP:** 65 / **RANGE:** 18

**ESTIMATED COST:** \$48,043.47

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$48,043.47	\$0.00	\$0.00	\$48,043.47

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 272219 - CP 0732-272219 TST - Guard Rail - CR 732

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 732 (Prantala Rd.) - Bridge 182 - 1.06 Mi. West of SH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 272219

**STATE PROJECT #:** CP 0732-272219 TST

**ROAD #:** CR 732

**ROAD NAME:** Prantala Rd.

**BRIDGE #:** 182

**SECTION:** 18 / **TOWNSHIP:** 52 / **RANGE:** 21

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 272221 - CP 0741-272221 TST - Guard Rail - CR 741

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - CR 741 (Meadowlands Tru) - Bridge 231 - .19 Mi. West of CR 230

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 272221

STATE PROJECT #: CP 0741-272221 TST

ROAD #: CR 741

ROAD NAME: Meadowlands Tru

BRIDGE #: 231

SECTION: 5 / TOWNSHIP: 53 / RANGE: 19

ESTIMATED COST: \$15,001.00

FUNDING SOURCE: TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 281205 - CP 0776-281205 - Chip Seal - CR 776

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 776 (Old Mesabe Rd.) - CSAH 7 to CR 329

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 281205

**STATE PROJECT #:** CP 0776-281205

**ROAD #:** CR 776

**ROAD NAME:** Old Mesabe Rd.

**BRIDGE #:** NA

**SECTION:** 14 / **TOWNSHIP:** 57 / **RANGE:** 18

**ESTIMATED COST:** \$56,644.12

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$56,644.12	\$0.00	\$0.00	\$0.00	\$0.00	\$56,644.12

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235370 - CP 0776-235370\* - RR Xing Improvement - CR 776

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety of the railroad/highway grade crossing.

**PROJECT DESCRIPTION AND LOCATION:** RR Xing Improvement - CR 776 (Old Mesabe Rd.) - CN RR Xing 0.75 mi. E. of CSAH 7, USDOT #260124J S. of Leonidas

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 235370

**STATE PROJECT #:** CP 0776-235370\*

**ROAD #:** CR 776

**ROAD NAME:** Old Mesabe Rd.

**BRIDGE #:** NA

**SECTION:** 14 / **TOWNSHIP:** 57 / **RANGE:** 18

**ESTIMATED COST:** \$250,000.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$250,000.00	\$0.00	\$250,000.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243926 - CP 0779-243926 TST - Bridge Construction - CR 779

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 779 (County Rd. 779) - .15 Mi. West of Jct. CR 597 to .05 Mi. West of Jct. CR 597

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243926

**STATE PROJECT #:** CP 0779-243926 TST

**ROAD #:** CR 779

**ROAD NAME:** County Rd. 779

**BRIDGE #:** 369

**SECTION:** 30 / **TOWNSHIP:** 61 / **RANGE:** 18

**ESTIMATED COST:** \$846,273.37

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$846,273.37	\$0.00	\$0.00	\$846,273.37

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271375 - CP 0796-271375 - Bridge Construction - CR 796

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 796 (Kaunonen Lake) - 0.4 Mi. South of Jct. with CSAH 21 over Embarrass River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271375

**STATE PROJECT #:** CP 0796-271375

**ROAD #:** CR 796

**ROAD NAME:** Kaunonen Lake

**BRIDGE #:** 516

**SECTION:** 14 / **TOWNSHIP:** 60 / **RANGE:** 14

**ESTIMATED COST:** \$200,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$200,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271380 - CP 0816-271380 TST - Guard Rail - CR 816

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 816 (Moen Rd.) - Bridge 137

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271380

**STATE PROJECT #:** CP 0816-271380 TST

**ROAD #:** CR 816

**ROAD NAME:** Moen Rd.

**BRIDGE #:** 137

**SECTION:** 24 / **TOWNSHIP:** 50 / **RANGE:** 21

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271383 - CP 0825-271383 TST - Guard Rail - CR 825

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 825 (Rasmussen Rd.) - Bridge 138

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271383

**STATE PROJECT #:** CP 0825-271383 TST

**ROAD #:** CR 825

**ROAD NAME:** Rasmussen Rd.

**BRIDGE #:** 138

**SECTION:** 29 / **TOWNSHIP:** 50 / **RANGE:** 21

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271486 - CP 0834-271486 TST - Guard Rail - CR 834

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 834 (Loop Rd.) - Bridge 161 0.30 Mi. South of CR 832

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271486

**STATE PROJECT #:** CP 0834-271486 TST

**ROAD #:** CR 834

**ROAD NAME:** Loop Rd.

**BRIDGE #:** 161

**SECTION:** 15 / **TOWNSHIP:** 51 / **RANGE:** 21

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271487 - CP 0834-271487 TST - Guard Rail - CR 834

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 834 (West Find Lakes) - Bridge 158 0.87 Mi. West of CR 186

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271487

**STATE PROJECT #:** CP 0834-271487 TST

**ROAD #:** CR 834

**ROAD NAME:** West Find Lakes

**BRIDGE #:** 158

**SECTION:** 11 / **TOWNSHIP:** 51 / **RANGE:** 21

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 272220 - CP 0835-272220 TST - Guard Rail - CR 835

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 835 (Rudolph Rd.) - Bridge 821 - .09 Mi. West of SH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 272220    **STATE PROJECT #:** CP 0835-272220 TST    **ROAD #:** CR 835

**ROAD NAME:** Rudolph Rd.    **BRIDGE #:** 821    **SECTION:** 29 / **TOWNSHIP:** 52 / **RANGE:** 20

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271490 - CP 0836-271490 TST - Guard Rail - CR 836

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 836 (Triplett Rd.) - Bridge 150 0.70 Mi. South of CR 832

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271490

**STATE PROJECT #:** CP 0836-271490 TST

**ROAD #:** CR 836

**ROAD NAME:** Triplett Rd.

**BRIDGE #:** 150

**SECTION:** 12 / **TOWNSHIP:** 51 / **RANGE:** 21

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299737 - CP 0837-299737 TST - Reclaim & Overlay - CR 837

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 837 (Laurie Rd.) - CR 834 to End of Bituminous

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299737

**STATE PROJECT #:** CP 0837-299737 TST

**ROAD #:** CR 837

**ROAD NAME:** Laurie Rd.

**BRIDGE #:** NA

**SECTION:** 15 / **TOWNSHIP:** 51 / **RANGE:** 21

**ESTIMATED COST:** \$624,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$624,001.00	\$0.00	\$0.00	\$624,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271384 - CP 0860-271384 TST - Guard Rail - CR 860

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 860 (Wilton Rd.) - Bridge 147

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271384

**STATE PROJECT #:** CP 0860-271384 TST

**ROAD #:** CR 860

**ROAD NAME:** Wilton Rd.

**BRIDGE #:** 147

**SECTION:** 27 / **TOWNSHIP:** 51 / **RANGE:** 18

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271382 - CP 0893-271382 TST - Guard Rail - CR 893

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 893 (Stark Jct. Rd.) - Bridge 107

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271382    **STATE PROJECT #:** CP 0893-271382 TST    **ROAD #:** CR 893

**ROAD NAME:** Stark Jct. Rd.    **BRIDGE #:** 107    **SECTION:** 6 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235371 - CP 0894-235371 - RR Xing Improvement - CR 894

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety of the railroad/highway grade crossing.

**PROJECT DESCRIPTION AND LOCATION:** RR Xing Improvement - CR 894 (Stark Rd.) - CN RR Xing 0.5 mi. W. Of CSAH 13, USDOT #251852V in Midway Twp.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 235371

**STATE PROJECT #:** CP 0894-235371

**ROAD #:** CR 894

**ROAD NAME:** Stark Rd.

**BRIDGE #:** NA

**SECTION:** 7 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$250,000.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$250,000.00	\$0.00	\$250,000.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276912 - CP 0897-276912 TST - Reclaim & Overlay - CR 897

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 897 (Ratika Rd.) - CR 889 (Solway Rd.) to .3 Mi. East of CSAH 13 (Midway Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276912

**STATE PROJECT #:** CP 0897-276912 TST

**ROAD #:** CR 897

**ROAD NAME:** Ratika Rd.

**BRIDGE #:** NA

**SECTION:** 19 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$434,256.28

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$434,256.28	\$0.00	\$0.00	\$434,256.28

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 249395 - CP 0898-249395 - Chip Seal - CR 898

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 898 (Lindahl Rd.) - CSAH 73 (Old Hwy. 61) to CSAH 19 (St. Louis River Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 249395    **STATE PROJECT #:** CP 0898-249395    **ROAD #:** CR 898

**ROAD NAME:** Lindahl Rd.    **BRIDGE #:** NA    **SECTION:** 20 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$81,689.89

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$81,689.89	\$0.00	\$0.00	\$0.00	\$0.00	\$81,689.89

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287166 - CP 0910-287166 - Scrub Seal - CR 910

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CR 910 (Beatty Rd.) - CSAH 24 to CSAH 78

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 287166

**STATE PROJECT #:** CP 0910-287166

**ROAD #:** CR 910

**ROAD NAME:** Beatty Rd.

**BRIDGE #:** NA

**SECTION:** 7 / **TOWNSHIP:** 62 / **RANGE:** 18

**ESTIMATED COST:** \$80,332.08

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$80,332.08	\$0.00	\$0.00	\$0.00	\$0.00	\$80,332.08

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275061 - CP 0914-275061 TST - Guard Rail - CR 914

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 914 (Watt Rd.) - Bridge 677 - .4 Mi. North of CR 958

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275061

**STATE PROJECT #:** CP 0914-275061 TST

**ROAD #:** CR 914

**ROAD NAME:** Watt Rd.

**BRIDGE #:** 677

**SECTION:** 22 / **TOWNSHIP:** 62 / **RANGE:** 19

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243933 - CP 0916-243933 TST - Bridge Construction - CR 916

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 916 (Itasca Rd.) - CR 916 (Itasca Rd.) Between CSAH 22 (Hwy 22) and CR 378

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243933

**STATE PROJECT #:** CP 0916-243933 TST

**ROAD #:** CR 916

**ROAD NAME:** Itasca Rd.

**BRIDGE #:** 650

**SECTION:** 7 / **TOWNSHIP:** 61 / **RANGE:** 21

**ESTIMATED COST:** \$1,095,802.60

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$1,095,802.60	\$0.00	\$0.00	\$1,095,802.60

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 190853 - CP 0916-190853 - Bridge Construction - CR 916

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 916 (Itasca Rd.) - .5 miles South of CSAH 22 to TH 1

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 190853    **STATE PROJECT #:** CP 0916-190853    **ROAD #:** CR 916

**ROAD NAME:** Itasca Rd.    **BRIDGE #:** 663    **SECTION:** 19 / **TOWNSHIP:** 62 / **RANGE:** 21

**ESTIMATED COST:** \$200,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$200,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 281207 - CP 0921-281207 - Chip Seal - CR 921

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 921 () - TH 135 to TH 135

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 281207

**STATE PROJECT #:** CP 0921-281207

**ROAD #:** CR 921

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION:** 16 / **TOWNSHIP:** 58 / **RANGE:** 17

**ESTIMATED COST:** \$25,068.60

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$25,068.60	\$0.00	\$0.00	\$0.00	\$0.00	\$25,068.60

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 273904 - CP 0927-273904 TST - Guard Rail - CR 927

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 927 (Silica Rd.) - Bridge 574 - 0.11 Mi. East of CR 965

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintenance resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 273904

**STATE PROJECT #:** CP 0927-273904 TST

**ROAD #:** CR 927

**ROAD NAME:** Silica Rd.

**BRIDGE #:** 574

**SECTION:** 14 / **TOWNSHIP:** 55 / **RANGE:** 20

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 213059 - CP 0936-213059 TST - Bridge Construction - CR 936

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 936 (W. Hannula Rd.) - CR 936 (W. Hannula Rd.) between CR 597 (Arola Rd.) and TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 213059

**STATE PROJECT #:** CP 0936-213059 TST

**ROAD #:** CR 936

**ROAD NAME:** W. Hannula Rd.

**BRIDGE #:** 305

**SECTION:** 32 / **TOWNSHIP:** 61 / **RANGE:** 18

**ESTIMATED COST:** \$881,845.53

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$881,845.53	\$0.00	\$0.00	\$881,845.53

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243934 - CP 0937-243934 TST - Bridge Construction - CR 937

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 937 (Wood Rd.) - .25 Mi. South of Jct. CR 540 to .15 Mi. South of Jct. CR 540

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243934

**STATE PROJECT #:** CP 0937-243934 TST

**ROAD #:** CR 937

**ROAD NAME:** Wood Rd.

**BRIDGE #:** 655

**SECTION:** 1 / **TOWNSHIP:** 62 / **RANGE:** 19

**ESTIMATED COST:** \$1,000,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 216038 - CP 0937-216038 - RR Xing Improvement - CR 937

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety of the railroad/highway grade crossing.

**PROJECT DESCRIPTION AND LOCATION:** RR Xing Improvement - CR 937 (Wood Rd.) - TH 53 to CR 505 (Winifred Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 216038

**STATE PROJECT #:** CP 0937-216038

**ROAD #:** CR 937

**ROAD NAME:** Wood Rd.

**BRIDGE #:** NA

**SECTION:** 36 / **TOWNSHIP:** 63 / **RANGE:** 19

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** CN

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$0.00	\$800,001.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274447 - CP 0955-274447 TST - Guard Rail - CR 955

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 955 (Butler Rd.) - Bridge 497 - 1.26 Mi. North of CSAH 101

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274447

**STATE PROJECT #:** CP 0955-274447 TST

**ROAD #:** CR 955

**ROAD NAME:** Butler Rd.

**BRIDGE #:** 497

**SECTION:** 27 / **TOWNSHIP:** 58 / **RANGE:** 18

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153445 - CP 0961-153445 TST - Bituminous Overlay - CR 961

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Bituminous Overlay - CR 961 (Lake St.) - CSAH 23 to TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153445

**STATE PROJECT #:** CP 0961-153445 TST

**ROAD #:** CR 961

**ROAD NAME:** Lake St.

**BRIDGE #:** NA

**SECTION:** 32 / **TOWNSHIP:** 65 / **RANGE:** 19

**ESTIMATED COST:** \$168,190.79

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$168,190.79	\$0.00	\$0.00	\$168,190.79

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 272631 - CP 0961-272631 TST - Chip Seal - CR 961

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 961 (Lake St.) - CSAH 23 to TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 272631

**STATE PROJECT #:** CP 0961-272631 TST

**ROAD #:** CR 961

**ROAD NAME:** Lake St.

**BRIDGE #:** NA

**SECTION:** 1 / **TOWNSHIP:** 64 / **RANGE:** 20

**ESTIMATED COST:** \$35,818.39

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$35,818.39	\$0.00	\$0.00	\$35,818.39

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 292904 - CP 0962-292904\* - GRIP - CR 962

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: GRIP - CR 962 (Airport Rd N) - CSAH 22 to UT 8180

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

### PROJECT INFORMATION

COUNTY PROJECT #: 292904

STATE PROJECT #: CP 0962-292904\*

ROAD #: CR 962

ROAD NAME: Airport Rd N

BRIDGE #: NA

SECTION: 8 / TOWNSHIP: 61 / RANGE: 21

ESTIMATED COST: \$160,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$160,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$160,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 128462 - CP 0965-128462 - Bridge Construction - CR 965

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 965 (Hingeley Rd.) - CR 965 (Hingeley Rd.) between CR 927 (Silica Rd.) and CR 442 (Townline Rd. S.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 128462    **STATE PROJECT #:** CP 0965-128462    **ROAD #:** CR 965

**ROAD NAME:** Hingeley Rd.    **BRIDGE #:** 587    **SECTION:** 11 / **TOWNSHIP:** 55 / **RANGE:** 20

**ESTIMATED COST:** \$784,719.65    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$784,719.65	\$0.00	\$0.00	\$0.00	\$0.00	\$784,719.65

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 273081 - CP 0980-273081 TST - Guard Rail - CR 980

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 980 (McKay Rd.) - Bridge 789 - 1.5 Mi. East of CSAH 7

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 273081

**STATE PROJECT #:** CP 0980-273081 TST

**ROAD #:** CR 980

**ROAD NAME:** McKay Rd.

**BRIDGE #:** 789

**SECTION:** 24 / **TOWNSHIP:** 54 / **RANGE:** 18

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 273082 - CP 0980-273082 TST - Guard Rail - CR 980

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - CR 980 (McKay Rd.) - Bridge 801 - 1.27 Mi. East of CSAH 7

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 273082

**STATE PROJECT #:** CP 0980-273082 TST

**ROAD #:** CR 980

**ROAD NAME:** McKay Rd.

**BRIDGE #:** 801

**SECTION:** 24 / **TOWNSHIP:** 54 / **RANGE:** 18

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 248043 - CP 0982-248043 TST - Cold In Place Recycle - CR 982

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Cold In Place Recycle - CR 982 (Old TH 53) - CSAH 15 (Munger Shaw Rd.) to CSAH 13 (Midway Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 248043

**STATE PROJECT #:** CP 0982-248043 TST

**ROAD #:** CR 982

**ROAD NAME:** Old TH 53

**BRIDGE #:** NA

**SECTION:** 26 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$1,327,198.63

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$1,327,198.63	\$0.00	\$0.00	\$1,327,198.63

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 215963 - CP 2903-215963 - Reconstruction - UT 2903

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Traffic, existing substandard geometrics and deficient subgrade conditions require that the highway be reconstructed to meet the projected needs of the road network.

**PROJECT DESCRIPTION AND LOCATION:** Reconstruction - UT 2903 (Rice Lake Dam) - CSAH 4 (Rice Lake Rd.) to CR 849 (McComber Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface, subgrade and drainage improvements will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 215963

**STATE PROJECT #:** CP 2903-215963

**ROAD #:** UT 2903

**ROAD NAME:** Rice Lake Dam

**BRIDGE #:** NA

**SECTION:** 18 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$565,001.00

**FUNDING SOURCE:** SPRA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$565,001.00	\$0.00	\$565,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 281204 - CP 8103-281204 - Chip Seal - UT 8103

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - UT 8103 (Britt Court) - CSAH 65 to End of Pavement

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 281204

**STATE PROJECT #:** CP 8103-281204

**ROAD #:** UT 8103

**ROAD NAME:** Britt Court

**BRIDGE #:** NA

**SECTION:** 21 / **TOWNSHIP:** 60 / **RANGE:** 18

**ESTIMATED COST:** \$7,516.08

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$0.00	\$7,516.08	\$7,516.08

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 265709 - CP 8116-265709 - Reclaim & Overlay - UT 8116

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - UT 8116 (Pelton Rd.) - CR 405 to North Termini

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 265709

**STATE PROJECT #:** CP 8116-265709

**ROAD #:** UT 8116

**ROAD NAME:** Pelton Rd.

**BRIDGE #:** NA

**SECTION:** 25 / **TOWNSHIP:** 60 / **RANGE:** 18

**ESTIMATED COST:** \$244,286.46

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$0.00	\$244,286.46	\$244,286.46

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 247641 - CP 8121-247641 TST - Bridge Construction - UT 8121

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - UT 8121 (Co. Rd. 422) - UT 8121 between CR 422 and CSAH 24

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 247641

**STATE PROJECT #:** CP 8121-247641 TST

**ROAD #:** UT 8121

**ROAD NAME:** Co. Rd. 422

**BRIDGE #:** 344

**SECTION:** 35 / **TOWNSHIP:** 64 / **RANGE:** 17

**ESTIMATED COST:** \$1,007,608.30

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$1,007,608.30	\$0.00	\$0.00	\$1,007,608.30

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274860 - CP 8130-274860 TST - Guard Rail - UT 8130

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - UT 8130 (Carpenter Rd.) - Bridge 769 - .23 Mi. South of UT 8157

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274860

**STATE PROJECT #:** CP 8130-274860 TST

**ROAD #:** UT 8130

**ROAD NAME:** Carpenter Rd.

**BRIDGE #:** 769

**SECTION:** 1 / **TOWNSHIP:** 60 / **RANGE:** 20

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274861 - CP 8166-274861 TST - Guard Rail - UT 8166

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - UT 8166 (Mesaba Trunk Rd) - Bridge 644 - .37 Mi. South of CSAH 65

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274861

**STATE PROJECT #:** CP 8166-274861 TST

**ROAD #:** UT 8166

**ROAD NAME:** Mesaba Trunk Rd

**BRIDGE #:** 644

**SECTION:** 30 / **TOWNSHIP:** 60 / **RANGE:** 20

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 281193 - CP 8169-281193 - Chip Seal - UT 8169

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - UT 8169 (Milroy Rd.) - CSAH 68 to End of Pavement

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 281193

**STATE PROJECT #:** CP 8169-281193

**ROAD #:** UT 8169

**ROAD NAME:** Milroy Rd.

**BRIDGE #:** NA

**SECTION:** 26 / **TOWNSHIP:** 60 / **RANGE:** 18

**ESTIMATED COST:** \$24,976.71

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$0.00	\$24,976.71	\$24,976.71

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274862 - CP 8173-274862 TST - Guard Rail - UT 8173

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - UT 8173 (Leander Rd.) - Bridge 701 - 1.85 Mi. East of CSAH 5

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274862

**STATE PROJECT #:** CP 8173-274862 TST

**ROAD #:** UT 8173

**ROAD NAME:** Leander Rd.

**BRIDGE #:** 701

**SECTION:** 35 / **TOWNSHIP:** 62 / **RANGE:** 21

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 292905 - CP 8180-292905 - GRIP - UT 8180

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** GRIP - UT 8180 (Airport Rd N) - 2 Mi. North of CSAH 22 (CR 962) to CSAH 5

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 292905

**STATE PROJECT #:** CP 8180-292905

**ROAD #:** UT 8180

**ROAD NAME:** Airport Rd N

**BRIDGE #:** NA

**SECTION:** 32 / **TOWNSHIP:** 62 / **RANGE:** 21

**ESTIMATED COST:** \$90,001.00

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$0.00	\$90,001.00	\$90,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 281206 - CP 8181-281206 - Chip Seal - UT 8181

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - UT 8181 (Tall Pine Rd.) - UT 8169 to End

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 281206

**STATE PROJECT #:** CP 8181-281206

**ROAD #:** UT 8181

**ROAD NAME:** Tall Pine Rd.

**BRIDGE #:** NA

**SECTION:** 26 / **TOWNSHIP:** 60 / **RANGE:** 18

**ESTIMATED COST:** \$10,098.10

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$0.00	\$10,098.10	\$10,098.10

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 281188 - CP 8188-281188 - Chip Seal - UT 8188

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - UT 8188 (Timber Ln Acres) - UT 8116 to UT 8116

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 281188    **STATE PROJECT #:** CP 8188-281188    **ROAD #:** UT 8188

**ROAD NAME:** Timber Ln Acres    **BRIDGE #:** NA    **SECTION:** 25 / **TOWNSHIP:** 60 / **RANGE:** 18

**ESTIMATED COST:** \$26,001.34

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$0.00	\$0.00	\$26,001.34	\$26,001.34

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 229626 - CP 9204-229626 TST - Bridge Construction - UT 9204

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - UT 9204 (Blais Rd.) - UT 9204 (Blaid Rd.) from .95 Mi. N. of Jct CSAH 4 to 1.05 Mi. N. of Jct CSAH 4

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 229626

**STATE PROJECT #:** CP 9204-229626 TST

**ROAD #:** UT 9204

**ROAD NAME:** Blais Rd.

**BRIDGE #:** 791

**SECTION:** 2 / **TOWNSHIP:** 55 / **RANGE:** 15

**ESTIMATED COST:** \$150,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$150,001.00	\$0.00	\$0.00	\$150,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274454 - CP 9223-274454 TST - Guard Rail - UT 9223

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - UT 9223 (Long Lake Rd.) - Bridge 468 - 0.32 Mi. North of CSAH 16

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274454    **STATE PROJECT #:** CP 9223-274454 TST    **ROAD #:** UT 9223

**ROAD NAME:** Long Lake Rd.    **BRIDGE #:** 468    **SECTION:** 33 / **TOWNSHIP:** 57 / **RANGE:** 16

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274453 - CP 9241-274453 TST - Guard Rail - UT 9241

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

**PROJECT DESCRIPTION AND LOCATION:** Guard Rail - UT 9241 (Pond Rd.) - Bridge 430 - 2.2 Mi. South of CSAH 16

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274453

**STATE PROJECT #:** CP 9241-274453 TST

**ROAD #:** UT 9241

**ROAD NAME:** Pond Rd.

**BRIDGE #:** 430

**SECTION:** 18 / **TOWNSHIP:** 56 / **RANGE:** 16

**ESTIMATED COST:** \$15,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2016	\$0.00	\$0.00	\$15,001.00	\$0.00	\$0.00	\$15,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 204369 - CP 0000-204369 - Bridge Construction -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - (Pine Street) - South of Int. Pine St. & 2nd St. in Tower, MN

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 204369

**STATE PROJECT #:** CP 0000-204369

**ROAD #:**

**ROAD NAME:** Pine Street

**BRIDGE #:** 48

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$850,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$600,001.00	\$250,000.00	\$850,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - Chip Seals - Chip Seal -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - () - Chip Seals - Various County Roads within St. Louis County

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> ????	<b>STATE PROJECT #:</b> Chip Seals	<b>ROAD #:</b>
<b>ROAD NAME:</b>	<b>BRIDGE #:</b> NA	<b>SECTION: / TOWNSHIP: / RANGE:</b>
<b>ESTIMATED COST:</b> \$1,575,001.00	<b>FUNDING SOURCE:</b> State	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$475,001.00	\$0.00	\$0.00	\$1,100,000.00	\$0.00	\$1,575,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278660 - CP 0000-278660 - Crack Sealing -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This treatment is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Crack Sealing - () - Certain designated CSAH's and County Roads

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Crack sealing will reduce the amount of resources required to maintain the road in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278660

**STATE PROJECT #:** CP 0000-278660

**ROAD #:**

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$400,000.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400,000.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP ???? - GRIP -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

PROJECT PURPOSE AND JUSTIFICATION: To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: GRIP - () - Various locations in St. Louis County

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

### PROJECT INFORMATION

COUNTY PROJECT #: ???? STATE PROJECT #: CP ???? ROAD #:

ROAD NAME: BRIDGE #: NA SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$1,000,001.00 FUNDING SOURCE: GRIP

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$1,000,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 259425 - CP 0000-259425 TST - Intersection Lighting -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

PROJECT PURPOSE AND JUSTIFICATION: To improve safety at the intersections indicated.

PROJECT DESCRIPTION AND LOCATION: Intersection Lighting - () - Various Intersections in Carlton, Itasca and St. Louis Counties

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: Minimal affect on operating budget.

### PROJECT INFORMATION

COUNTY PROJECT #: 259425

STATE PROJECT #: CP 0000-259425 TST

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$872,001.00

FUNDING SOURCE: TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$88,000.00	\$784,001.00	\$0.00	\$872,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 279948 - CP 0000-279948 - Reclaim & Overlay -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - (Boundary Ave.) - 5th St. (CSAH 14) to 9th St.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 279948

**STATE PROJECT #:** CP 0000-279948

**ROAD #:**

**ROAD NAME:** Boundary Ave.

**BRIDGE #:** NA

**SECTION:** 3 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$115,001.00

**FUNDING SOURCE:** City

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$0.00	\$115,001.00	\$115,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299344 - CP 0000-299344 - Sidewalk Construction -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county

**PROJECT DESCRIPTION AND LOCATION:** Sidewalk Construction - () - Various County Roads in Eveleth

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299344    **STATE PROJECT #:** CP 0000-299344    **ROAD #:**

**ROAD NAME:**    **BRIDGE #:** NA    **SECTION:** 32 / **TOWNSHIP:** 58 / **RANGE:** 17

**ESTIMATED COST:** \$10,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$10,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 275389 - CP 0000-275389 - Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county.

PROJECT DESCRIPTION AND LOCATION: Striping - () - Various County State Aid Highways

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: Minimal affect on operating budget.

### PROJECT INFORMATION

COUNTY PROJECT #: 275389

STATE PROJECT #: CP 0000-275389

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$300,001.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$300,001.00	\$0.00	\$300,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 259422 - CP 0000-259422 TST - Traffic Signals -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

PROJECT PURPOSE AND JUSTIFICATION: To improve safety and traffic capacity at the intersections indicated.

PROJECT DESCRIPTION AND LOCATION: Traffic Signals - () - 14 Traffic Signals in Duluth & Hermantown

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: New, more efficient traffic signals should reduce electrical costs. Additional turn lanes and striping will need to be maintained.

### PROJECT INFORMATION

COUNTY PROJECT #: 259422

STATE PROJECT #: CP 0000-259422 TST

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$84,001.00

FUNDING SOURCE: TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$8,400.00	\$75,601.00	\$0.00	\$84,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 244396 - CP 0003-244396 - Chip Seal - CSAH 3

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 3 (Becks Rd.) - CSAH 3 from TH 23 to 600' SE of 123rd Ave. W.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 244396

**STATE PROJECT #:** CP 0003-244396

**ROAD #:** CSAH 3

**ROAD NAME:** Becks Rd.

**BRIDGE #:** NA

**SECTION:** 3 / **TOWNSHIP:** 48 / **RANGE:** 15

**ESTIMATED COST:** \$250,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$250,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$250,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 216102 - CP 0003-216102 TST - Reclaim & Overlay - CSAH 3

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 3 (Becks Rd.) - .11 Mi. South of CR 899 \*Halie Rd.) to Carlton County Line

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 216102

**STATE PROJECT #:** CP 0003-216102 TST

**ROAD #:** CSAH 3

**ROAD NAME:** Becks Rd.

**BRIDGE #:** NA

**SECTION:** 30 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$600,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$600,001.00	\$0.00	\$0.00	\$600,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153440 - CP 0004-153440 - Chip Seal - CSAH 4

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 4 (CSAH 4) - CSAH 111 to mile point 59

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153440

**STATE PROJECT #:** CP 0004-153440

**ROAD #:** CSAH 4

**ROAD NAME:** CSAH 4

**BRIDGE #:** NA

**SECTION:** 19 / **TOWNSHIP:** 57 / **RANGE:** 15

**ESTIMATED COST:** \$197,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$197,001.00	\$0.00	\$197,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0004-???? - Chip Seal - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 4 (Rice Lake Rd.) - CSAH 4 (Rice Lake Road) from Central Entrance to Arrowhead Road

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0004-????

ROAD #: CSAH 4

ROAD NAME: Rice Lake Rd.

BRIDGE #: NA

SECTION: 22 / TOWNSHIP: 50 / RANGE: 14

ESTIMATED COST: \$78,001.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$78,001.00	\$0.00	\$78,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0004-???? - Chip Seal - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 4 (Rice Lake Rd.) - CSAH 4 (Rice Lake Rd.) from CSAH 32 to CSAH 9

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0004-????

ROAD #: CSAH 4

ROAD NAME: Rice Lake Rd.

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$105,001.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$105,001.00	\$0.00	\$105,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 204368 - CP 0005-204368 - Bridge Construction - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 5 (Highway 5) - CSAH 5 (Hwy 5), 0.4 to 0.65 mi. w. of CR 501 over Bearskin River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 204368	<b>STATE PROJECT #:</b> CP 0005-204368	<b>ROAD #:</b> CSAH 5
<b>ROAD NAME:</b> Highway 5	<b>BRIDGE #:</b> 698	<b>SECTION:</b> 29 / <b>TOWNSHIP:</b> 62 / <b>RANGE:</b> 21
<b>ESTIMATED COST:</b> \$2,750,001.00	<b>FUNDING SOURCE:</b> Federal	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$2,750,001.00	\$0.00	\$2,750,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 255876 - CP 0005-255876 - Culvert Replacement - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CSAH 5 (Hwy 5) - CSAH 22 to .15 Mi. North of TH 1

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 255876    **STATE PROJECT #:** CP 0005-255876    **ROAD #:** CSAH 5

**ROAD NAME:** Hwy 5    **BRIDGE #:** NA    **SECTION:** 10 / **TOWNSHIP:** 61 / **RANGE:** 21

**ESTIMATED COST:** \$850,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$850,001.00	\$0.00	\$850,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 257590 - CP 0005-257590 TST \* - Reclaim & Overlay - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 5 (Hwy 5) - DNR Station to Snake Trail

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 257590

**STATE PROJECT #:** CP 0005-257590 TST

**ROAD #:** CSAH 5

**ROAD NAME:** Hwy 5

**BRIDGE #:** NA

**SECTION:** 21 / **TOWNSHIP:** 60 / **RANGE:** 21

**ESTIMATED COST:** \$850,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$850,001.00	\$0.00	\$0.00	\$850,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0005-???? - Scrub Seal - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 5 (Hwy 5) - CSAH 65 to Strizich (DNR Office)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0005-????

**ROAD #:** CSAH 5

**ROAD NAME:** Hwy 5

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$150,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$150,001.00	\$0.00	\$150,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 208919 - CP 0007-208919 TST - Reclaim & Overlay - CSAH 7

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 7 (Hwy 7) - CSAH 7 (Hwy 7) from W. Jct. CSAH 47 to CSAH 133

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 208919

**STATE PROJECT #:** CP 0007-208919 TST

**ROAD #:** CSAH 7

**ROAD NAME:** Hwy 7

**BRIDGE #:** NA

**SECTION:** 24 / **TOWNSHIP:** 52 / **RANGE:** 18

**ESTIMATED COST:** \$2,425,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$2,425,001.00	\$0.00	\$0.00	\$2,425,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278060 - CP 0007-278060 - Traffic Signals - CSAH 7

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Traffic Signals - CSAH 7 (Hwy 7) - Intersection of US 169 and CSAH 7 (Hwy 7)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New, more efficient traffic signals should reduce electrical costs. Additional turn lanes and striping will need to be maintained.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 278060	<b>STATE PROJECT #:</b> CP 0007-278060	<b>ROAD #:</b> CSAH 7
<b>ROAD NAME:</b> Hwy 7	<b>BRIDGE #:</b> NA	<b>SECTION:</b> 12 / <b>TOWNSHIP:</b> 58 / <b>RANGE:</b> 18
<b>ESTIMATED COST:</b> \$200,001.00	<b>FUNDING SOURCE:</b> State	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$200,001.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278904 - CP 0011-278904 \* - Mill & Overlay - CSAH 11

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Mill & Overlay - CSAH 11 (4th St) - CR 284 (Ugstad Rd.) to 2nd St.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278904

**STATE PROJECT #:** CP 0011-278904 \*

**ROAD #:** CSAH 11

**ROAD NAME:** 4th St

**BRIDGE #:** NA

**SECTION:** 10 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$120,001.00

**FUNDING SOURCE:** MSA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$120,001.00	\$0.00	\$120,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 152251 - CP 0013-152251 - Chip Seal - CSAH 13

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 13 (Midway Rd.) - CSAH 3 to CSAH 14

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 152251    **STATE PROJECT #:** CP 0013-152251    **ROAD #:** CSAH 13

**ROAD NAME:** Midway Rd.    **BRIDGE #:** NA    **SECTION:** 20 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$100,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$100,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 259418 - CP 0013-259418 TST - Dynamic Warning System - CSAH 13

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Dynamic Warning System - CSAH 13 (Midway Rd.) - Intersection of CSAH 13 and CSAH 45

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 259418

**STATE PROJECT #:** CP 0013-259418 TST

**ROAD #:** CSAH 13

**ROAD NAME:** Midway Rd.

**BRIDGE #:** NA

**SECTION:** 7 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$60,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$6,000.00	\$54,001.00	\$0.00	\$60,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299342 - CP 0014-299342 - Mill & Overlay - CSAH 14

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Mill & Overlay - CSAH 14 (Boundary Ave.) - Mountain Drive to US Hwy 2

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299342    **STATE PROJECT #:** CP 0014-299342    **ROAD #:** CSAH 14

**ROAD NAME:** Boundary Ave.    **BRIDGE #:** NA    **SECTION:** 15 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$300,001.00    **FUNDING SOURCE:** MSA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$300,001.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278072 - CP 0014-278072 - Mill & Overlay - CSAH 14

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Mill & Overlay - CSAH 14 (Boundary Ave.) - TH 2 to 5th Street

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278072    **STATE PROJECT #:** CP 0014-278072    **ROAD #:** CSAH 14

**ROAD NAME:** Boundary Ave.    **BRIDGE #:** NA    **SECTION:** 10 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$300,001.00    **FUNDING SOURCE:** MSA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$300,001.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278073 - CP 0014-278073 - Reclaim & Overlay - CSAH 14

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 14 (5th Street) - Boundary Ave. to TH 2

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278073

**STATE PROJECT #:** CP 0014-278073

**ROAD #:** CSAH 14

**ROAD NAME:** 5th Street

**BRIDGE #:** NA

**SECTION:** 3 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$200,001.00

**FUNDING SOURCE:** MSA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$200,001.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 9313 - CP 0022-9313 TST - Reclaim & Overlay - CSAH 22

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 22 (Hwy 22) - Itasca County Line to CSAH 5

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 9313

**STATE PROJECT #:** CP 0022-9313 TST

**ROAD #:** CSAH 22

**ROAD NAME:** Hwy 22

**BRIDGE #:** NA

**SECTION:** 18 / **TOWNSHIP:** 61 / **RANGE:** 21

**ESTIMATED COST:** \$1,410,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$1,410,001.00	\$0.00	\$0.00	\$1,410,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 259408 - CP 0030-259408 - RR Xing Improvement - CSAH 30

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety of the railroad/highway grade crossing.

**PROJECT DESCRIPTION AND LOCATION:** RR Xing Improvement - CSAH 30 (7th Ave.) - CSAH 30 in Floodwood USDOT 097754G

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 259408

**STATE PROJECT #:** CP 0030-259408

**ROAD #:** CSAH 30

**ROAD NAME:** 7th Ave.

**BRIDGE #:** NA

**SECTION:** 6 / **TOWNSHIP:** 51 / **RANGE:** 20

**ESTIMATED COST:** \$270,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$270,001.00	\$0.00	\$270,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153443 - CP 0032-153443 TST - Mill & Overlay - CSAH 32

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Mill & Overlay - CSAH 32 (Arrowhead Rd) - TH 53 to CSAH 90

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153443

**STATE PROJECT #:** CP 0032-153443 TST

**ROAD #:** CSAH 32

**ROAD NAME:** Arrowhead Rd

**BRIDGE #:** NA

**SECTION:** 12 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$750,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$750,001.00	\$0.00	\$0.00	\$750,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 290907 - CP 0034-290907 - Scrub Seal - CSAH 34

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 34 (Howard Gnesen R) - Arrowhead Rd. to CSAH 44 (Normanna Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: 290907

STATE PROJECT #: CP 0034-290907

ROAD #: CSAH 34

ROAD NAME: Howard Gnesen R

BRIDGE #: NA

SECTION: 10 / TOWNSHIP: 50 / RANGE: 14

ESTIMATED COST: \$476,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$476,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$476,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153453 - CP 0048-153453 - Reclaim & Overlay - CSAH 48

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 48 (Lavaque Rd) - US Hwy 2 to 5th St.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153453    **STATE PROJECT #:** CP 0048-153453    **ROAD #:** CSAH 48

**ROAD NAME:** Lavaque Rd    **BRIDGE #:** NA    **SECTION:** 10 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$200,001.00    **FUNDING SOURCE:** MSA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$200,001.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243859 - CP 0052-243859 TST - Bridge Construction - CSAH 52

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 52 (Arkola Rd.) - .25 Mi. West of Jct. CSAH 7 to .15 Mi. West of Jct. CSAH 7

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243859

**STATE PROJECT #:** CP 0052-243859 TST

**ROAD #:** CSAH 52

**ROAD NAME:** Arkola Rd.

**BRIDGE #:** 221

**SECTION:** 10 / **TOWNSHIP:** 54 / **RANGE:** 18

**ESTIMATED COST:** \$1,000,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 229537 - CP 0059-229537 - Bridge Construction - CSAH 59

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 59 (Melrude Rd.) - .55 Mi. North of TR 6630 (Cemetary Rd.) to .65 Mi. N. of TR 6630

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 229537

**STATE PROJECT #:** CP 0059-229537

**ROAD #:** CSAH 59

**ROAD NAME:** Melrude Rd.

**BRIDGE #:** 388

**SECTION:** 18 / **TOWNSHIP:** 55 / **RANGE:** 18

**ESTIMATED COST:** \$1,200,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$1,200,001.00	\$0.00	\$1,200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0064-???? - Scrub Seal - CSAH 64

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 64 (Pennsylvania Av) - TH 169 to CSAH 125

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0064-????

ROAD #: CSAH 64

ROAD NAME: Pennsylvania Av

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$25,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$25,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 255959 - CP 0065-255959 - Reclaim & Overlay - CSAH 65

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 65 (East Rd.) - CSAH 5 to TR 7150

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 255959    **STATE PROJECT #:** CP 0065-255959    **ROAD #:** CSAH 65

**ROAD NAME:** East Rd.    **BRIDGE #:** NA    **SECTION:** 21 / **TOWNSHIP:** 60 / **RANGE:** 21

**ESTIMATED COST:** \$550,001.00    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$550,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$550,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0065-???? - Scrub Seal - CSAH 65

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 65 () - CSAH 5 to CR 915

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0065-????

ROAD #: CSAH 65

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$75,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$75,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0065-???? - Scrub Seal - CSAH 65

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 65 () - CSAH 5 (South) to CSAH 5 (North)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0065-????

ROAD #: CSAH 65

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$200,001.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$200,001.00	\$0.00	\$200,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0066-???? - Scrub Seal - CSAH 66

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 66 (McNiven Rd.) - TH 73 to End of Bituminous

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ?????

STATE PROJECT #: CP 0066-?????

ROAD #: CSAH 66

ROAD NAME: McNiven Rd.

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$225,001.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$225,001.00	\$0.00	\$225,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0067-???? - Chip Seal - CSAH 67

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 67 (4th Ave.) - E. Lake Street to CSAH 66

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0067-????

**ROAD #:** CSAH 67

**ROAD NAME:** 4th Ave.

**BRIDGE #:** NA

**SECTION:** 22 / **TOWNSHIP:** 58 / **RANGE:** 20

**ESTIMATED COST:** \$50,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263813 - CP 0080-263813 TST \* - Reclaim & Overlay - CSAH 80

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 80 (Brookston Rd.) - CSAH 31 to CR 863

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263813

**STATE PROJECT #:** CP 0080-263813 TST

**ROAD #:** CSAH 80

**ROAD NAME:** Brookston Rd.

**BRIDGE #:** NA

**SECTION:** 11 / **TOWNSHIP:** 50 / **RANGE:** 18

**ESTIMATED COST:** \$1,500,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$500,001.00	\$0.00	\$1,000,000.00	\$0.00	\$0.00	\$1,500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263814 - CP 0080-263814 TST - Reclaim & Overlay - CSAH 80

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 80 (Simon Rd.) - CR 863 to 5706 (Kultula Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263814

**STATE PROJECT #:** CP 0080-263814 TST

**ROAD #:** CSAH 80

**ROAD NAME:** Simon Rd.

**BRIDGE #:** NA

**SECTION:** 19 / **TOWNSHIP:** 50 / **RANGE:** 17

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$800,001.00	\$0.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0084-???? - Scrub Seal - CSAH 84

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 84 (Hwy 84) - CSAH 5 to TH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0084-????

ROAD #: CSAH 84

ROAD NAME: Hwy 84

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$225,001.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$225,001.00	\$0.00	\$225,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 9577 - CP 0088-9577 - Bridge Construction - CSAH 88

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 88 (Co.Br. 336) - Over Burntside River - Going to raise bridge

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 9577

**STATE PROJECT #:** CP 0088-9577

**ROAD #:** CSAH 88

**ROAD NAME:** Co.Br. 336

**BRIDGE #:** 336

**SECTION:** 26 / **TOWNSHIP:** 63 / **RANGE:** 13

**ESTIMATED COST:** \$2,000,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$2,000,001.00	\$0.00	\$2,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287573 - CP 0099-287573 - Bridge Construction - CSAH 99

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 99 (Hwy 99) - CSAH 16 to .1 Mi. North of CSAH 16 Over Hen Creek

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 287573	<b>STATE PROJECT #:</b> CP 0099-287573	<b>ROAD #:</b> CSAH 99
<b>ROAD NAME:</b> Hwy 99	<b>BRIDGE #:</b> 460	<b>SECTION:</b> 35 / <b>TOWNSHIP:</b> 57 / <b>RANGE:</b> 15
<b>ESTIMATED COST:</b> \$400,001.00	<b>FUNDING SOURCE:</b> State	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287574 - CP 0099-287574 - Bridge Construction - CSAH 99

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 99 (Hwy 99) - .1 Mi. South of CR 650 Over stream

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 287574    **STATE PROJECT #:** CP 0099-287574    **ROAD #:** CSAH 99

**ROAD NAME:** Hwy 99    **BRIDGE #:** 467    **SECTION:** 14 / **TOWNSHIP:** 57 / **RANGE:** 15

**ESTIMATED COST:** \$400,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 261099 - CP 0101-261099 TST - Reclaim & Overlay - CSAH 101

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 101 (Fayal Rd.) - CSAH 7 to Kimberly Ave.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 261099

**STATE PROJECT #:** CP 0101-261099 TST

**ROAD #:** CSAH 101

**ROAD NAME:** Fayal Rd.

**BRIDGE #:** NA

**SECTION:** 34 / **TOWNSHIP:** 58 / **RANGE:** 18

**ESTIMATED COST:** \$2,525,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$2,525,001.00	\$0.00	\$0.00	\$2,525,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0108-???? - Chip Seal - CSAH 108

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 108 (Long Lake Rd.) - CSAH 108 from CSAH 16 to UT 9234 (Little Lake Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0108-????

ROAD #: CSAH 108

ROAD NAME: Long Lake Rd.

BRIDGE #: NA

SECTION: 4 / TOWNSHIP: 56 / RANGE: 16

ESTIMATED COST: \$98,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$98,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$98,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153277 - CP 0110-153277 TST - Hot In Place Recycle - CSAH 110

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Hot In Place Recycle - CSAH 110 (CSAH 110) - CSAH 16 to Hoyt Lakes City Limits

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153277

**STATE PROJECT #:** CP 0110-153277 TST

**ROAD #:** CSAH 110

**ROAD NAME:** CSAH 110

**BRIDGE #:** NA

**SECTION:** 9 / **TOWNSHIP:** 58 / **RANGE:** 14

**ESTIMATED COST:** \$2,700,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$2,700,001.00	\$0.00	\$2,700,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153450 - CP 0115-153450 - Chip Seal - CSAH 115

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 115 (Hwy 115) - TH 53 to mile point 10

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153450

**STATE PROJECT #:** CP 0115-153450

**ROAD #:** CSAH 115

**ROAD NAME:** Hwy 115

**BRIDGE #:** NA

**SECTION:** 8 / **TOWNSHIP:** 62 / **RANGE:** 18

**ESTIMATED COST:** \$625,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$625,001.00	\$0.00	\$625,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 216092 - CP 0122-216092 TST\* - Reclaim & Overlay - CSAH 122

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 122 (Gamma Rd.) - TH 53 to end of CSAH 122 (Gamma Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 216092

**STATE PROJECT #:** CP 0122-216092 TST\*

**ROAD #:** CSAH 122

**ROAD NAME:** Gamma Rd.

**BRIDGE #:** NA

**SECTION:** 4 / **TOWNSHIP:** 68 / **RANGE:** 21

**ESTIMATED COST:** \$2,000,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$2,000,001.00	\$0.00	\$0.00	\$2,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 216096 - CP 0123-216096 TST - Reclaim & Overlay - CSAH 123

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 123 (Gappa Rd.) - CSAH 122 (Gamma Rd.) to CSAH 122 (Gamma Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 216096

**STATE PROJECT #:** CP 0123-216096 TST

**ROAD #:** CSAH 123

**ROAD NAME:** Gappa Rd.

**BRIDGE #:** NA

**SECTION:** 33 / **TOWNSHIP:** 69 / **RANGE:** 21

**ESTIMATED COST:** \$1,000,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0125-???? - Scrub Seal - CSAH 125

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 125 () - TH 169 to CSAH 5

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** CP 0125-???? **ROAD #:** CSAH 125

**ROAD NAME:** **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$125,001.00 **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$125,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 216097 - CP 0129-216097 TST - 2" Overlay - CSAH 129

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** 2" Overlay - CSAH 129 (Ash River Trail) - TH 53 to East Terminus

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 216097

**STATE PROJECT #:** CP 0129-216097 TST

**ROAD #:** CSAH 129

**ROAD NAME:** Ash River Trail

**BRIDGE #:** NA

**SECTION:** 14 / **TOWNSHIP:** 68 / **RANGE:** 21

**ESTIMATED COST:** \$1,500,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$1,500,001.00	\$0.00	\$0.00	\$1,500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0134-???? - Scrub Seal - CSAH 134

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 134 (Dewey Lake Rd.) - CSAH 84 to UT 8175

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0134-????

**ROAD #:** CSAH 134

**ROAD NAME:** Dewey Lake Rd.

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$125,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$125,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$125,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0136-???? - Chip Seal - CSAH 136

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 136 (6th St. SW) - CSAH 5 (0.3 miles NW of CSAH 136) to Trunk Highway 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0136-????

ROAD #: CSAH 136

ROAD NAME: 6th St. SW

BRIDGE #: NA

SECTION: 19 / TOWNSHIP: 58 / RANGE: 20

ESTIMATED COST: \$48,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$48,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287483 - CP 0136-287483 - Roundabout - CSAH 136

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Roundabout - CSAH 136 () - Intersection of new CSAH 5 & TH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 287483

**STATE PROJECT #:** CP 0136-287483

**ROAD #:** CSAH 136

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION:** 28 / **TOWNSHIP:** 58 / **RANGE:** 20

**ESTIMATED COST:** \$2,000,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$2,000,001.00	\$0.00	\$2,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0138-???? - Chip Seal - CSAH 138

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 138 (Levander Rd.) - CSAH 21 to TH 135

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0138-????

**ROAD #:** CSAH 138

**ROAD NAME:** Levander Rd.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 60 / **RANGE:** 15

**ESTIMATED COST:** \$56,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$56,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$56,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0142-???? - Chip Seal - CSAH 142

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 142 (Park Ave.) - TH 53 to 700' W

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0142-????

**ROAD #:** CSAH 142

**ROAD NAME:** Park Ave.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 58 / **RANGE:** 17

**ESTIMATED COST:** \$5,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$5,001.00	\$0.00	\$5,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278074 - CP 0161-278074 TST - Reclaim & Overlay - CR 161

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 161 (Old Hwy2/7thSt) - TH 2 to CSAH 48 (2nd Ave.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278074    **STATE PROJECT #:** CP 0161-278074 TST    **ROAD #:** CR 161

**ROAD NAME:** Old Hwy2/7thSt    **BRIDGE #:** NA    **SECTION:** 3 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$350,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$350,001.00	\$0.00	\$0.00	\$350,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 273925 - CP 0180-273925 - Culvert Replacement - CR 180

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CR 180 (Elephant Lake R) - 1.7 Mi. East of TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 273925	<b>STATE PROJECT #:</b> CP 0180-273925	<b>ROAD #:</b> CR 180
<b>ROAD NAME:</b> Elephant Lake R	<b>BRIDGE #:</b> NA	<b>SECTION:</b> 17 / <b>TOWNSHIP:</b> 65 / <b>RANGE:</b> 19
<b>ESTIMATED COST:</b> \$50,001.00	<b>FUNDING SOURCE:</b> Local	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243857 - CP 0189-243857 TST - Bridge Construction - CR 189

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 189 (Eagle Rd.) - 1.05 Mi. East of Jct. TH 73 to 1.15 Mi. East of Jct. TH 73

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243857

**STATE PROJECT #:** CP 0189-243857 TST

**ROAD #:** CR 189

**ROAD NAME:** Eagle Rd.

**BRIDGE #:** 209

**SECTION:** 24 / **TOWNSHIP:** 53 / **RANGE:** 21

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$800,001.00	\$0.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243855 - CP 0209-243855 TST - Bridge Construction - CR 209

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 209 (Pine Rd.) - .65 Mi. North of Jct. CSAH 133 to .75 Mi. North of Jct. CSAH 133

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243855    **STATE PROJECT #:** CP 0209-243855 TST    **ROAD #:** CR 209

**ROAD NAME:** Pine Rd.    **BRIDGE #:** 194    **SECTION:** 18 / **TOWNSHIP:** 53 / **RANGE:** 18

**ESTIMATED COST:** \$800,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$800,001.00	\$0.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 244401 - CP 0284-244401 TST - Reclaim & Overlay - CR 284

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 284 (Ugstad Rd.) - CR 284 (Ugstad Rd.) from TH 2 to CR 696 (St. Louis River Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 244401

**STATE PROJECT #:** CP 0284-244401 TST

**ROAD #:** CR 284

**ROAD NAME:** Ugstad Rd.

**BRIDGE #:** NA

**SECTION:** 3 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$125,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$125,001.00	\$0.00	\$0.00	\$125,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 157146 - CP 0284-157146 TST - Reclaim & Overlay - CR 284

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 284 (Ugstad Rd.) - CSAH 14 (Thompson Hill Rd.) to 225' South of CSAH 11

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 157146

**STATE PROJECT #:** CP 0284-157146 TST

**ROAD #:** CR 284

**ROAD NAME:** Ugstad Rd.

**BRIDGE #:** NA

**SECTION:** 15 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$640,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$640,001.00	\$0.00	\$0.00	\$640,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 279351 - CP 0290-279351 - Double Chip Seal - CR 290

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Double Chip Seal - CR 290 (Old North Shore) - Duluth City Limits to McQuade Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 279351

**STATE PROJECT #:** CP 0290-279351

**ROAD #:** CR 290

**ROAD NAME:** Old North Shore

**BRIDGE #:** NA

**SECTION:** 24 / **TOWNSHIP:** 51 / **RANGE:** 13

**ESTIMATED COST:** \$60,001.00

**FUNDING SOURCE:** GRIP

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$60,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 257646 - CP 0332-257646 - GRIP - CR 332

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

PROJECT PURPOSE AND JUSTIFICATION: To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: GRIP - CR 332 (Northern Lights) - CSAH 122 (Gamma Rd.) to 1.3 Mi. East

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

### PROJECT INFORMATION

COUNTY PROJECT #: 257646

STATE PROJECT #: CP 0332-257646

ROAD #: CR 332

ROAD NAME: Northern Lights

BRIDGE #: NA

SECTION: 18 / TOWNSHIP: 69 / RANGE: 21

ESTIMATED COST: \$75,001.00

FUNDING SOURCE: GRIP

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$75,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0362-???? - Chip Seal - CR 362

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 362 (Lehto Rd.) - CR 656 to TH 135

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0362-????

ROAD #: CR 362

ROAD NAME: Lehto Rd.

BRIDGE #: NA

SECTION: 29 / TOWNSHIP: 60 / RANGE: 15

ESTIMATED COST: \$54,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$54,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235500 - CP 0392-235500 - Bridge Construction - CR 392

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 392 (Judd Rd.) - .5 miles E. of Jct. of CSAH 20 on CR 392 (Judd Rd.) over Embarrass River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 235500

**STATE PROJECT #:** CP 0392-235500

**ROAD #:** CR 392

**ROAD NAME:** Judd Rd.

**BRIDGE #:** 494

**SECTION:** 33 / **TOWNSHIP:** 58 / **RANGE:** 16

**ESTIMATED COST:** \$150,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$150,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 298690 - CP 0393-298690 - Culvert Replacement - CR 393

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CR 393 (Pettit Rd.) - 0.3 Mi. West of CSAH 20

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 298690	<b>STATE PROJECT #:</b> CP 0393-298690	<b>ROAD #:</b> CR 393
<b>ROAD NAME:</b> Pettit Rd.	<b>BRIDGE #:</b> NA	<b>SECTION:</b> 32 / <b>TOWNSHIP:</b> 58 / <b>RANGE:</b> 16
<b>ESTIMATED COST:</b> \$50,001.00	<b>FUNDING SOURCE:</b> Local	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 255958 - CP 0395-255958 - Reclaim & Overlay - CR 395

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 395 (Perch Lake Rd.) - CSAH 5 to TR 7150

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 255958    **STATE PROJECT #:** CP 0395-255958    **ROAD #:** CR 395

**ROAD NAME:** Perch Lake Rd.    **BRIDGE #:** NA    **SECTION:** 16 / **TOWNSHIP:** 60 / **RANGE:** 21

**ESTIMATED COST:** \$600,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$600,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0405-???? - Chip Seal - CR 405

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 405 (Pelton Rd) - CSAH 68 to UT 8116

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0405-????

**ROAD #:** CR 405

**ROAD NAME:** Pelton Rd

**BRIDGE #:** NA

**SECTION:** 31 / **TOWNSHIP:** 60 / **RANGE:** 17

**ESTIMATED COST:** \$20,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$20,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235510 - CP 0409-235510 - Bridge Construction - CR 409

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 409 (Rivers Rd.) - .4 miles W. of Jct. TH 135 on CR 409 (Rivers Rd.) over West Two River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 235510    **STATE PROJECT #:** CP 0409-235510    **ROAD #:** CR 409

**ROAD NAME:** Rivers Rd.    **BRIDGE #:** 358    **SECTION:** 8 / **TOWNSHIP:** 61 / **RANGE:** 15

**ESTIMATED COST:** \$150,001.00    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$150,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0453-???? - Scrub Seal - CR 453

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CR 453 () - End of Bituminous to TH 169

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0453-????

ROAD #: CR 453

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$50,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0473-???? - Scrub Seal - CR 473

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CR 473 (Green Rock Rd.) - CSAH 65 to Itasca CR 753

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0473-????

ROAD #: CR 473

ROAD NAME: Green Rock Rd.

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$25,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$25,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243941 - CP 0523-243941 - Bridge Construction - CR 523

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 523 (Burma Rd.) - .25 Mi. NE of Jct. CSAH 123 to .35 Mi. NE of Jct. CSAH 123

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243941

**STATE PROJECT #:** CP 0523-243941

**ROAD #:** CR 523

**ROAD NAME:** Burma Rd.

**BRIDGE #:** 823

**SECTION:** 27 / **TOWNSHIP:** 69 / **RANGE:** 21

**ESTIMATED COST:** \$1,000,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$1,000,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 216098 - CP 0523-216098 - Reclaim & Overlay - CR 523

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 523 (Burma Rd.) - CSAH 123 (Gappa Rd.) to End

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 216098

**STATE PROJECT #:** CP 0523-216098

**ROAD #:** CR 523

**ROAD NAME:** Burma Rd.

**BRIDGE #:** NA

**SECTION:** 27 / **TOWNSHIP:** 69 / **RANGE:** 21

**ESTIMATED COST:** \$93,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$93,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$93,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271721 - CP 0542-271721 TST - Bridge Construction - CR 542

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 542 (Arizona Rd.) - 0.6 Mi. East of CSAH 59

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271721

**STATE PROJECT #:** CP 0542-271721 TST

**ROAD #:** CR 542

**ROAD NAME:** Arizona Rd.

**BRIDGE #:** 572

**SECTION:** 20 / **TOWNSHIP:** 55 / **RANGE:** 16

**ESTIMATED COST:** \$300,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$300,001.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 295995 - CP 0588-295995 - Reclaim & Overlay - CR 588

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 588 (Green Rock Rd.) - Itasca CR 753 to End of Bituminous

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 295995

**STATE PROJECT #:** CP 0588-295995

**ROAD #:** CR 588

**ROAD NAME:** Green Rock Rd.

**BRIDGE #:** NA

**SECTION:** 19 / **TOWNSHIP:** 60 / **RANGE:** 21

**ESTIMATED COST:** \$120,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$120,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$120,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0615-???? - Chip Seal - CR 615

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 615 (Salo Rd. W.) - CSAH 138 (North of CSAH 21) to CSAH 21

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0615-????

**ROAD #:** CR 615

**ROAD NAME:** Salo Rd. W.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 60 / **RANGE:** 15

**ESTIMATED COST:** \$24,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$24,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243938 - CP 0642-243938 TST - Bridge Construction - CR 642

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 642 (Hayes Rd.) - .65 Mi. East of Jct. CSAH 5 to .75 Mi. East of Jct. CSAH 5

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243938

**STATE PROJECT #:** CP 0642-243938 TST

**ROAD #:** CR 642

**ROAD NAME:** Hayes Rd.

**BRIDGE #:** 773

**SECTION:** 36 / **TOWNSHIP:** 58 / **RANGE:** 20

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$800,001.00	\$0.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235514 - CP 0642-235514 - Bridge Construction - CR 642

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 642 (Hayes Rd.) - .9 miles W. of cSAH 25 on CR 642

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 235514

**STATE PROJECT #:** CP 0642-235514

**ROAD #:** CR 642

**ROAD NAME:** Hayes Rd.

**BRIDGE #:** 615

**SECTION:** 34 / **TOWNSHIP:** 58 / **RANGE:** 19

**ESTIMATED COST:** \$300,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0656-???? - Chip Seal - CR 656

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 656 (Lehto Rd.) - CR 362 to CSAH 21

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0656-????

**ROAD #:** CR 656

**ROAD NAME:** Lehto Rd.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 60 / **RANGE:** 15

**ESTIMATED COST:** \$14,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$14,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 257647 - CP 0672-257647 - GRIP - CR 672

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

PROJECT PURPOSE AND JUSTIFICATION: To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: GRIP - CR 672 (Salmi Rd.) - CSAH 122 to E. Termini

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

### PROJECT INFORMATION

COUNTY PROJECT #: 257647

STATE PROJECT #: CP 0672-257647

ROAD #: CR 672

ROAD NAME: Salmi Rd.

BRIDGE #: NA

SECTION: 33 / TOWNSHIP: 69 / RANGE: 21

ESTIMATED COST: \$50,001.00

FUNDING SOURCE: GRIP

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 216099 - CP 0673-216099 - Reclaim & Overlay - CR 673

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 673 (Gamma Rd.) - CSAH 122 (Waltz Rd.) to End

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 216099

**STATE PROJECT #:** CP 0673-216099

**ROAD #:** CR 673

**ROAD NAME:** Gamma Rd.

**BRIDGE #:** NA

**SECTION:** 7 / **TOWNSHIP:** 69 / **RANGE:** 21

**ESTIMATED COST:** \$81,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$81,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$81,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263698 - CP 0694-263698 TST - Reclaim & Overlay - CR 694

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 694 (Saginaw Rd.) - CR 874 to CSAH 46

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263698    **STATE PROJECT #:** CP 0694-263698 TST    **ROAD #:** CR 694

**ROAD NAME:** Saginaw Rd.    **BRIDGE #:** NA    **SECTION:** 26 / **TOWNSHIP:** 51 / **RANGE:** 17

**ESTIMATED COST:** \$150,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$150,001.00	\$0.00	\$0.00	\$150,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263697 - CP 0694-263697 TST - Reclaim & Overlay - CR 694

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 694 (Seville Rd.) - CSAH 46 to CR 853

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263697

**STATE PROJECT #:** CP 0694-263697 TST

**ROAD #:** CR 694

**ROAD NAME:** Seville Rd.

**BRIDGE #:** NA

**SECTION:** 6 / **TOWNSHIP:** 50 / **RANGE:** 16

**ESTIMATED COST:** \$500,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$500,001.00	\$0.00	\$0.00	\$500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 257650 - CP 0695-257650 - GRIP - CR 695

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

PROJECT PURPOSE AND JUSTIFICATION: To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: GRIP - CR 695 (Ness Rd.) - CSAH 122 to E. Termini

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

### PROJECT INFORMATION

COUNTY PROJECT #: 257650

STATE PROJECT #: CP 0695-257650

ROAD #: CR 695

ROAD NAME: Ness Rd.

BRIDGE #: NA

SECTION: 7 / TOWNSHIP: 69 / RANGE: 21

ESTIMATED COST: \$25,001.00

FUNDING SOURCE: GRIP

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$25,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 244406 - CP 0696-244406 TST - Reclaim & Overlay - CR 696

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 696 (St. Louis River) - CR 696 (St. Louis River Rd.) from CR 284 (Ugstad Rd.) to CSAH 48 (Lavaque Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 244406    **STATE PROJECT #:** CP 0696-244406 TST    **ROAD #:** CR 696

**ROAD NAME:** St. Louis River    **BRIDGE #:** NA    **SECTION:** 3 / **TOWNSHIP:** 49 / **RANGE:** 14

**ESTIMATED COST:** \$375,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$375,001.00	\$0.00	\$0.00	\$375,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 257708 - CP 0753-257708 TST - Reclaim & Overlay - CR 753

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 753 (Wall Street) - CR 473 to .22 Miles North of CR 473

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 257708

**STATE PROJECT #:** CP 0753-257708 TST

**ROAD #:** CR 753

**ROAD NAME:** Wall Street

**BRIDGE #:** NA

**SECTION:** 30 / **TOWNSHIP:** 60 / **RANGE:** 21

**ESTIMATED COST:** \$100,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$100,001.00	\$0.00	\$0.00	\$100,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 257710 - CP 0753-257710 TST - Reclaim & Overlay - CR 753

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 753 (Rudstrom Rd.) - SLC/Itasca County Line to CSAH 65

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 257710    **STATE PROJECT #:** CP 0753-257710 TST    **ROAD #:** CR 753

**ROAD NAME:** Rudstrom Rd.    **BRIDGE #:** NA    **SECTION:** 30 / **TOWNSHIP:** 60 / **RANGE:** 21

**ESTIMATED COST:** \$600,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$600,001.00	\$0.00	\$0.00	\$600,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 229625 - CP 0769-229625 TST - Bridge Construction - CR 769

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 769 (Willow River Rd) - 1.05 Mi. S. of Jct. CSAH 74 to .95 Mi. S. of Jct CSAH 74

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 229625

**STATE PROJECT #:** CP 0769-229625 TST

**ROAD #:** CR 769

**ROAD NAME:** Willow River Rd

**BRIDGE #:** 709

**SECTION:** 13 / **TOWNSHIP:** 63 / **RANGE:** 20

**ESTIMATED COST:** \$1,000,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263696 - CP 0853-263696 TST - Reclaim & Overlay - CR 853

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 853 (Kroll Rd.) - CR 694 to CR 881

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263696    **STATE PROJECT #:** CP 0853-263696 TST    **ROAD #:** CR 853

**ROAD NAME:** Kroll Rd.    **BRIDGE #:** NA    **SECTION:** 32 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$300,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$300,001.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 262774 - CP 0859-262774 TST - Reclaim & Overlay - CR 859

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 859 (Caribou Lake Rd) - CSAH 9 (Helm Rd.) to CR 885 (Industrial Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 262774

**STATE PROJECT #:** CP 0859-262774 TST

**ROAD #:** CR 859

**ROAD NAME:** Caribou Lake Rd

**BRIDGE #:** NA

**SECTION:** 25 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$600,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$600,001.00	\$0.00	\$0.00	\$600,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263815 - CP 0863-263815 TST - Reclaim & Overlay - CR 863

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 863 (Brookston Rd.) - TR 5718 (Demenge Rd.) to CSAH 80

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263815

**STATE PROJECT #:** CP 0863-263815 TST

**ROAD #:** CR 863

**ROAD NAME:** Brookston Rd.

**BRIDGE #:** NA

**SECTION:** 36 / **TOWNSHIP:** 50 / **RANGE:** 18

**ESTIMATED COST:** \$700,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$700,001.00	\$0.00	\$0.00	\$700,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263801 - CP 0871-263801 TST - Reclaim & Overlay - CR 871

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 871 (Albert Rd.) - CR 872 to CR 874

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263801

**STATE PROJECT #:** CP 0871-263801 TST

**ROAD #:** CR 871

**ROAD NAME:** Albert Rd.

**BRIDGE #:** NA

**SECTION:** 27 / **TOWNSHIP:** 51 / **RANGE:** 17

**ESTIMATED COST:** \$400,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$400,001.00	\$0.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263800 - CP 0873-263800 TST - Reclaim & Overlay - CR 873

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 873 (Seville Rd.) - CR 874 to TH 33

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263800

**STATE PROJECT #:** CP 0873-263800 TST

**ROAD #:** CR 873

**ROAD NAME:** Seville Rd.

**BRIDGE #:** NA

**SECTION:** 35 / **TOWNSHIP:** 51 / **RANGE:** 17

**ESTIMATED COST:** \$200,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$200,001.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263701 - CP 0874-263701 TST - Reclaim & Overlay - CR 874

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 874 (Independence Rd) - TH 2 to TH 33

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263701    **STATE PROJECT #:** CP 0874-263701 TST    **ROAD #:** CR 874

**ROAD NAME:** Independence Rd    **BRIDGE #:** NA    **SECTION:** 2 / **TOWNSHIP:** 50 / **RANGE:** 17

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$800,001.00	\$0.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 263816 - CP 0881-263816 TST - Reclaim & Overlay - CR 881

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 881 (Grand Lake Rd.) - CR 853 to CSAH 98

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 263816    **STATE PROJECT #:** CP 0881-263816 TST    **ROAD #:** CR 881

**ROAD NAME:** Grand Lake Rd.    **BRIDGE #:** NA    **SECTION:** 28 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$400,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$400,001.00	\$0.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 240625 - CP 0884-240625 - Reclaim & Overlay - CR 884

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 884 (Birch Point Rd.) - CSAH 15 to TR 5625

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 240625

**STATE PROJECT #:** CP 0884-240625

**ROAD #:** CR 884

**ROAD NAME:** Birch Point Rd.

**BRIDGE #:** NA

**SECTION:** 13 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$333,001.00

**FUNDING SOURCE:** SPRA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$333,001.00	\$0.00	\$333,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 262775 - CP 0885-262775 TST - Reclaim & Overlay - CR 885

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 885 (Industrial Rd.) - TH 53 to CR 859

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 262775

**STATE PROJECT #:** CP 0885-262775 TST

**ROAD #:** CR 885

**ROAD NAME:** Industrial Rd.

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$600,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$200,001.00	\$0.00	\$400,000.00	\$0.00	\$0.00	\$600,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 259412 - CP 0885-259412 - RR Xing Improvement - CR 885

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety of the railroad/highway grade crossing.

**PROJECT DESCRIPTION AND LOCATION:** RR Xing Improvement - CR 885 (Industrial Rd.) - CR 885 (Industrial Rd.) .5 Mi. West of TH 53 USDOT 260098W

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 259412

**STATE PROJECT #:** CP 0885-259412

**ROAD #:** CR 885

**ROAD NAME:** Industrial Rd.

**BRIDGE #:** NA

**SECTION:** 15 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$250,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$250,001.00	\$0.00	\$250,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 277233 - CP 0896-277233 TST - Reclaim & Overlay - CR 896

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 896 (Ugstad Jct. Rd.) - CR 898 to CR 284

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 277233

**STATE PROJECT #:** CP 0896-277233 TST

**ROAD #:** CR 896

**ROAD NAME:** Ugstad Jct. Rd.

**BRIDGE #:** NA

**SECTION:** 9 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$400,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$400,001.00	\$0.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0913-???? - Chip Seal - CR 913

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 913 (McCarthy Beach) - CR 915 to 1.5 Mi. North

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0913-????

**ROAD #:** CR 913

**ROAD NAME:** McCarthy Beach

**BRIDGE #:** NA

**SECTION:** 17 / **TOWNSHIP:** 60 / **RANGE:** 21

**ESTIMATED COST:** \$50,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0915-???? - Scrub Seal - CR 915

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CR 915 () - CSAH 65 to CR 913

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0915-????

ROAD #: CR 915

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$75,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$75,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235515 - CP 0938-235515 TST - Bridge Construction - CR 938

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 938 (Alango Rd.) - .6 miles N. of Jct. TH1 on CR 938 (Alango Rd.) over Flint Creek

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 235515

**STATE PROJECT #:** CP 0938-235515 TST

**ROAD #:** CR 938

**ROAD NAME:** Alango Rd.

**BRIDGE #:** 657

**SECTION:** 9 / **TOWNSHIP:** 62 / **RANGE:** 19

**ESTIMATED COST:** \$1,200,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$1,200,001.00	\$0.00	\$0.00	\$1,200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 262772 - CP 0983-262772 TST - Reclaim & Overlay - CR 983

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 983 (County Road 983) - CSAH 7 to CSAH 7

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 262772

**STATE PROJECT #:** CP 0983-262772 TST

**ROAD #:** CR 983

**ROAD NAME:** County Road 983

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$50,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$50,001.00	\$0.00	\$0.00	\$50,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 262771 - CP 0984-262771 TST - Reclaim & Overlay - CR 984

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 984 (Twig Blvd.) - TH 53 to TH 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 262771    **STATE PROJECT #:** CP 0984-262771 TST    **ROAD #:** CR 984

**ROAD NAME:** Twig Blvd.    **BRIDGE #:** NA    **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$250,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$250,001.00	\$0.00	\$0.00	\$250,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 262770 - CP 0985-262770 TST - Reclaim & Overlay - CR 985

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 985 (County Road 985) - TH 53 to CSAH 13

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 262770

**STATE PROJECT #:** CP 0985-262770 TST

**ROAD #:** CR 985

**ROAD NAME:** County Road 985

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$75,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$75,001.00	\$0.00	\$0.00	\$75,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 8116-???? - Chip Seal - UT 8116

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - UT 8116 (Pelton Rd.) - CR 405 to North Termini

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 8116-????

**ROAD #:** UT 8116

**ROAD NAME:** Pelton Rd.

**BRIDGE #:** NA

**SECTION:** 25 / **TOWNSHIP:** 60 / **RANGE:** 18

**ESTIMATED COST:** \$64,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$64,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235517 - CP 8128-235517 - Bridge Construction - UT 8128

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - UT 8128 (Connors Rd.) - .6 miles E. of Jct. CSAH 5 on UT 8128 (Connors Rd.) over Shannon River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 235517

**STATE PROJECT #:** CP 8128-235517

**ROAD #:** UT 8128

**ROAD NAME:** Connors Rd.

**BRIDGE #:** 726

**SECTION:** 22 / **TOWNSHIP:** 59 / **RANGE:** 21

**ESTIMATED COST:** \$1,000,001.00

**FUNDING SOURCE:** Town Bridge

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$990,001.00	\$10,000.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 296650 - CP 8131-296650 - Reclaim & Overlay - UT 8131

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - UT 8131 (Dewey Lake Rd.) - CSAH 134 (Dewey Lake Rd.) to End of Bituminous

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 296650

**STATE PROJECT #:** CP 8131-296650

**ROAD #:** UT 8131

**ROAD NAME:** Dewey Lake Rd.

**BRIDGE #:** NA

**SECTION:** 24 / **TOWNSHIP:** 59 / **RANGE:** 21

**ESTIMATED COST:** \$300,001.00

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 8175-???? - Scrub Seal - UT 8175

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - UT 8175 () - CSAH 134 to End of Bituminous

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 8175-????

ROAD #: UT 8175

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$50,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 8192-???? - Scrub Seal - UT 8192

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - UT 8192 (McCormick Lake) - CSAH 134 to End of Bituminous

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 8192-????

ROAD #: UT 8192

ROAD NAME: McCormick Lake

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$50,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 8193-???? - Scrub Seal - UT 8193

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - UT 8193 (Dewey Point Rd.) - UT 8131 to End of Bituminous

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 8193-????

ROAD #: UT 8193

ROAD NAME: Dewey Point Rd.

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$25,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$25,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271719 - CP 9215-271719 TST - Bridge Construction - UT 9215

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - UT 9215 (Deer Forest Rd.) - 0.6 Mi. South of CSAH 16

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271719

**STATE PROJECT #:** CP 9215-271719 TST

**ROAD #:** UT 9215

**ROAD NAME:** Deer Forest Rd.

**BRIDGE #:** 411

**SECTION:** 6 / **TOWNSHIP:** 56 / **RANGE:** 14

**ESTIMATED COST:** \$300,001.00

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271723 - CP 9230-271723 TST - Bridge Construction - UT 9230

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2017

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - UT 9230 (Comstock Lake R) - 5.5 Mi. South of CSAH 4

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271723

**STATE PROJECT #:** CP 9230-271723 TST

**ROAD #:** UT 9230

**ROAD NAME:** Comstock Lake R

**BRIDGE #:** 755

**SECTION:** 35 / **TOWNSHIP:** 55 / **RANGE:** 15

**ESTIMATED COST:** \$300,001.00

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2017	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 293136 - CP 0000-293136 - 6" Edgeline Striping -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county.

**PROJECT DESCRIPTION AND LOCATION:** 6" Edgeline Striping - () - Various County Highways

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 293136

**STATE PROJECT #:** CP 0000-293136

**ROAD #:**

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$370,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$370,001.00	\$0.00	\$370,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - Br. Rehab Projects - Bridge Rehab Projects -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Rehab Projects - () - TBD

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** Br. Rehab Projects **ROAD #:**

**ROAD NAME:** **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - Chip Seals - Chip Seal -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - () - Various Roads

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** Chip Seals **ROAD #:**

**ROAD NAME:** **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$3,000,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$2,000,001.00	\$0.00	\$0.00	\$1,000,000.00	\$0.00	\$3,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 278670 - CP 0000-278670 - Crack Sealing -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This treatment is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Crack Sealing - () - Various Roads within St. Louis County

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Crack sealing will reduce the amount of resources required to maintain the road in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: 278670

STATE PROJECT #: CP 0000-278670

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$300,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 259426 - CP 0000-259426 TST - Dynamic Warning System -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Dynamic Warning System - () - Various Intersections in Carlton, Itasca and St. Louis Counties

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 259426

**STATE PROJECT #:** CP 0000-259426 TST

**ROAD #:**

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$440,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$44,000.00	\$396,001.00	\$0.00	\$440,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

**Form 12**

**ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - CP 0000-???? - Ped/Bike Trail -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To provide recreational trails for pedestrian and bicycle users throughout St. Louis County.

**PROJECT DESCRIPTION AND LOCATION:** Ped/Bike Trail - () - Mesabi Trail from Bearhead Rd. to Camp Lake Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** No affect on operating budget.

**PROJECT INFORMATION**

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** CP 0000-???? **ROAD #:**

**ROAD NAME:** **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$690,001.00

**FUNDING SOURCE:** Federal

**FUNDING BREAKDOWN**

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$400,001.00	\$290,000.00	\$690,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 293124 - CP 0000-293124 - Rumble Strips -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2018

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by preventing run-off-the-road accidents.

PROJECT DESCRIPTION AND LOCATION: Rumble Strips - () - Various County Highways

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The rumble strip projects will allow us to place more edge striping annually in combination with the local levy budget and will extend the life of the pavement markings.

### PROJECT INFORMATION

COUNTY PROJECT #: 293124

STATE PROJECT #: CP 0000-293124

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$330,001.00

FUNDING SOURCE: Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$330,001.00	\$0.00	\$330,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275390 - CP 0000-275390 - Striping -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county.

**PROJECT DESCRIPTION AND LOCATION:** Striping - () - Various County State Aid Highways

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 275390	<b>STATE PROJECT #:</b> CP 0000-275390	<b>ROAD #:</b>
<b>ROAD NAME:</b>	<b>BRIDGE #:</b> NA	<b>SECTION: / TOWNSHIP: / RANGE:</b>
<b>ESTIMATED COST:</b> \$300,001.00	<b>FUNDING SOURCE:</b> State	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$300,001.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 259423 - CP 0000-259423 - Striping -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county.

**PROJECT DESCRIPTION AND LOCATION:** Striping - () - Various County Highways

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 259423	<b>STATE PROJECT #:</b> CP 0000-259423	<b>ROAD #:</b>
<b>ROAD NAME:</b>	<b>BRIDGE #:</b> NA	<b>SECTION: / TOWNSHIP: / RANGE:</b>
<b>ESTIMATED COST:</b> \$58,001.00	<b>FUNDING SOURCE:</b> Federal	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$52,201.00	\$5,800.00	\$58,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0005-???? - Chip Seal - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 5 (Hwy 5) - DNR Station to Snake Trail

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0005-????

**ROAD #:** CSAH 5

**ROAD NAME:** Hwy 5

**BRIDGE #:** NA

**SECTION:** 21 / **TOWNSHIP:** 60 / **RANGE:** 21

**ESTIMATED COST:** \$88,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$88,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$88,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 255874 - CP 0005-255874 TST - Reclaim & Overlay - CSAH 5

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 5 (Hwy 5) - CSAH 22 to .15 Miles North of TH 1

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 255874

**STATE PROJECT #:** CP 0005-255874 TST

**ROAD #:** CSAH 5

**ROAD NAME:** Hwy 5

**BRIDGE #:** NA

**SECTION:** 10 / **TOWNSHIP:** 61 / **RANGE:** 21

**ESTIMATED COST:** \$2,700,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$2,200,000.00	\$500,001.00	\$0.00	\$2,700,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0009-???? - Chip Seal - CSAH 9

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 9 (4th St/Wallace) - 6th Ave. E. to Arrowhead Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0009-????

ROAD #: CSAH 9

ROAD NAME: 4th St/Wallace

BRIDGE #: NA

SECTION: 22 / TOWNSHIP: 50 / RANGE: 14

ESTIMATED COST: \$100,001.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$100,001.00	\$0.00	\$100,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0013-???? - Roundabout - CSAH 13

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2018

PROJECT PURPOSE AND JUSTIFICATION: To improve safety and traffic capacity at the intersections indicated.

PROJECT DESCRIPTION AND LOCATION: Roundabout - CSAH 13 (Midway Rd.) - Intersection of CSAH 13 (Midway Rd.) and CSAH 6 (Maple Grove Rd.)

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: Minimal affect on operating budget.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0013-????

ROAD #: CSAH 13

ROAD NAME: Midway Rd.

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$1,500,001.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$1,500,001.00	\$0.00	\$1,500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 259424 - CP 0016-259424 - Dynamic Warning System - CSAH 16

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Dynamic Warning System - CSAH 16 (Townline Rd.) - Intersection of CSAH 16 and CSAH 25

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 259424

**STATE PROJECT #:** CP 0016-259424

**ROAD #:** CSAH 16

**ROAD NAME:** Townline Rd.

**BRIDGE #:** NA

**SECTION:** 1 / **TOWNSHIP:** 56 / **RANGE:** 19

**ESTIMATED COST:** \$250,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$25,000.00	\$0.00	\$0.00	\$225,001.00	\$0.00	\$250,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275030 - CP 0026-275030 \* - Reclaim & Overlay - CSAH 26

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 26 (Walhsten Rd.) - TH 169 to TH 135

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275030    **STATE PROJECT #:** CP 0026-275030 \*    **ROAD #:** CSAH 26

**ROAD NAME:** Walhsten Rd.    **BRIDGE #:** NA    **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$1,700,001.00    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$1,700,001.00	\$0.00	\$1,700,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275994 - CP 0026-275994 - Reclaim & Overlay - CSAH 26

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 26 (Wahlsten Rd.) -

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275994    **STATE PROJECT #:** CP 0026-275994    **ROAD #:** CSAH 26

**ROAD NAME:** Wahlsten Rd.    **BRIDGE #:** NA    **SECTION:** 29 / **TOWNSHIP:** 61 / **RANGE:** 15

**ESTIMATED COST:** \$2,550,001.00    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$2,550,001.00	\$0.00	\$2,550,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 293403 - CP 0000-293403 - RR Xing Improvement - CSAH 27

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety of the railroad/highway grade crossing.

**PROJECT DESCRIPTION AND LOCATION:** RR Xing Improvement - CSAH 27 (Zim Rd.) - 0.02 Mi. West of CSAH 7

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 293403

**STATE PROJECT #:** CP 0000-293403

**ROAD #:** CSAH 27

**ROAD NAME:** Zim Rd.

**BRIDGE #:** NA

**SECTION:** 27 / **TOWNSHIP:** 56 / **RANGE:** 18

**ESTIMATED COST:** \$150,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$150,001.00	\$0.00	\$150,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235496 - CP 0041-235496 - Bridge Construction - CSAH 41

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 41 (Culbertson Rd.) - .1 miles N. of Jct. CR 258 on CSAH 41 (Culbertson Rd.) over Little Knife River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 235496	<b>STATE PROJECT #:</b> CP 0041-235496	<b>ROAD #:</b> CSAH 41
<b>ROAD NAME:</b> Culbertson Rd.	<b>BRIDGE #:</b> 70	<b>SECTION:</b> 36 / <b>TOWNSHIP:</b> 53 / <b>RANGE:</b> 12
<b>ESTIMATED COST:</b> \$1,200,001.00	<b>FUNDING SOURCE:</b> State	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$1,200,001.00	\$0.00	\$1,200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243854 - CP 0044-243854 TST - Bridge Construction - CSAH 44

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 44 (Pequaywan Lake) - 3.85 Mi West of Jct CR 256 to 3.75 Mi West of Jct CR 256

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243854

**STATE PROJECT #:** CP 0044-243854 TST

**ROAD #:** CSAH 44

**ROAD NAME:** Pequaywan Lake

**BRIDGE #:** 83

**SECTION:** 33 / **TOWNSHIP:** 54 / **RANGE:** 13

**ESTIMATED COST:** \$1,800,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$1,800,001.00	\$0.00	\$0.00	\$1,800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153278 - CP 0044-153278 TST - Micro Surface - CSAH 44

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Micro Surface - CSAH 44 (Pequaywan Lk Rd) - 1.4 mi. N. of CR 266 (Rossini Trail) to CSAH 55

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153278    **STATE PROJECT #:** CP 0044-153278 TST    **ROAD #:** CSAH 44

**ROAD NAME:** Pequaywan Lk Rd    **BRIDGE #:** NA    **SECTION:** 3 / **TOWNSHIP:** 55 / **RANGE:** 12

**ESTIMATED COST:** \$434,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$434,001.00	\$0.00	\$0.00	\$434,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153435 - CP 0044-153435 TST - Micro Surface - CSAH 44

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Micro Surface - CSAH 44 (Pequaywan Lk Rd) - CR 272 (Briar Lake Rd.) to 1.483 miles N. of CR 266 (Rossini Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153435    **STATE PROJECT #:** CP 0044-153435 TST    **ROAD #:** CSAH 44

**ROAD NAME:** Pequaywan Lk Rd    **BRIDGE #:** NA    **SECTION:** 26 / **TOWNSHIP:** 54 / **RANGE:** 13

**ESTIMATED COST:** \$675,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$675,001.00	\$0.00	\$0.00	\$675,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153441 - CP 0044-153441 TST - Micro Surface - CSAH 44

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Micro Surface - CSAH 44 (Hwy. 44) - CSAH 55 to CSAH 16

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153441

**STATE PROJECT #:** CP 0044-153441 TST

**ROAD #:** CSAH 44

**ROAD NAME:** Hwy. 44

**BRIDGE #:** NA

**SECTION:** 4 / **TOWNSHIP:** 54 / **RANGE:** 12

**ESTIMATED COST:** \$560,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$560,001.00	\$0.00	\$0.00	\$560,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 155244 - CP 0055-155244 TST - Reclaim & Overlay - CSAH 55

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 55 (Two Harbors Rd.) - Int of CSAH 44 to E. Co. Line

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 155244

**STATE PROJECT #:** CP 0055-155244 TST

**ROAD #:** CSAH 55

**ROAD NAME:** Two Harbors Rd.

**BRIDGE #:** NA

**SECTION:** 10 / **TOWNSHIP:** 55 / **RANGE:** 12

**ESTIMATED COST:** \$900,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$900,001.00	\$0.00	\$0.00	\$900,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275616 - CP 0061-275616 - Bridge Construction - CSAH 61

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 61 (North Shore Dr.) - 12.5 Mi. Northeast of City of Duluth over French River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275616

**STATE PROJECT #:** CP 0061-275616

**ROAD #:** CSAH 61

**ROAD NAME:** North Shore Dr.

**BRIDGE #:** 906

**SECTION:** 17 / **TOWNSHIP:** 51 / **RANGE:** 12

**ESTIMATED COST:** \$1,000,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 298686 - CP 0068-298686 TST - Reclaim & Overlay - CSAH 68

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 68 () - TH 169 to CSAH 21

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 298686

**STATE PROJECT #:** CP 0068-298686 TST

**ROAD #:** CSAH 68

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION:** 30 / **TOWNSHIP:** 60 / **RANGE:** 16

**ESTIMATED COST:** \$775,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$775,001.00	\$0.00	\$0.00	\$775,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276911 - CP 0073-276911 - Reclaim & Overlay - CSAH 73

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 73 (Old Hwy 61) - Carlton County Line to CSAH 13 (Midway Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276911

**STATE PROJECT #:** CP 0073-276911

**ROAD #:** CSAH 73

**ROAD NAME:** Old Hwy 61

**BRIDGE #:** NA

**SECTION:** 30 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$515,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$515,001.00	\$0.00	\$515,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235519 - CP 0074-235519 - Culvert Replacement - CSAH 74

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CSAH 74 (Willow River Rd) - CSAH 74 (Willow River Rd.) approx. 1.5 mi. NW of Jct CSAH 75

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 235519

**STATE PROJECT #:** CP 0074-235519

**ROAD #:** CSAH 74

**ROAD NAME:** Willow River Rd

**BRIDGE #:** NA

**SECTION:** 4 / **TOWNSHIP:** 63 / **RANGE:** 21

**ESTIMATED COST:** \$1,500,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$1,500,001.00	\$0.00	\$1,500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0122-???? - Chip Seal - CSAH 122

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 122 (Gamma Rd.) - TH 53 to end of CSAH 122 (Gamma Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0122-????

**ROAD #:** CSAH 122

**ROAD NAME:** Gamma Rd.

**BRIDGE #:** NA

**SECTION:** 4 / **TOWNSHIP:** 68 / **RANGE:** 21

**ESTIMATED COST:** \$268,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$268,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$268,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0123-???? - Chip Seal - CSAH 123

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 123 (Gappa Rd.) - CSAH 122 (Gamma Rd.) to CSAH 122 (Gamma Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0123-????

**ROAD #:** CSAH 123

**ROAD NAME:** Gappa Rd.

**BRIDGE #:** NA

**SECTION:** 33 / **TOWNSHIP:** 69 / **RANGE:** 21

**ESTIMATED COST:** \$128,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$128,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$128,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0129-???? - Chip Seal - CSAH 129

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 129 (Ash River Trail) - TH 53 to East Terminus

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0129-????

ROAD #: CSAH 129

ROAD NAME: Ash River Trail

BRIDGE #: NA

SECTION: 14 / TOWNSHIP: 68 / RANGE: 21

ESTIMATED COST: \$420,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$420,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$420,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 259391 - CP 0180-259391 - Bridge Construction - CR 180

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 180 () - 1.5 Mi. West of Jct. Black Duck Beach Rd. to 1.5 Mi. W. of Jct.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 259391    **STATE PROJECT #:** CP 0180-259391    **ROAD #:** CR 180

**ROAD NAME:**    **BRIDGE #:** 347    **SECTION:** 8 / **TOWNSHIP:** 66 / **RANGE:** 19

**ESTIMATED COST:** \$200,001.00    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$200,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278313 - CP 0000-278313 TST - New Construction - CR 244

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** Traffic and existing capacity and connectivity deficiencies require new highway construction to meet the projected needs of the road network.

**PROJECT DESCRIPTION AND LOCATION:** New Construction - CR 244 (Sawyer Ave.) - West Arrowhead Rd. to Technology Dr.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** The construction of new roadway may require increased maintainance resources, but it may also lessen the impact of traffic on other existing bridge and road assets.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278313    **STATE PROJECT #:** CP 0000-278313 TST    **ROAD #:** CR 244

**ROAD NAME:** Sawyer Ave.    **BRIDGE #:** NA    **SECTION:** 9 / **TOWNSHIP:** 50 / **RANGE:** 14

**ESTIMATED COST:** \$5,000,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$5,000,001.00	\$0.00	\$0.00	\$5,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0256-???? TST - Reclaim & Overlay - CR 256

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 256 (Branch Rd. W.) - UT 9203 to End of Bituminous

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** CP 0256-???? TST **ROAD #:** CR 256

**ROAD NAME:** Branch Rd. W. **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$300,001.00 **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$300,001.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 240699 - CP 0269-240699 - Reclaim & Overlay - CR 269

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 269 (Boulder Dam Rd.) - CR 269 (Boulder Dam Rd.) from CSAH 4 to TR 9205

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 240699

**STATE PROJECT #:** CP 0269-240699

**ROAD #:** CR 269

**ROAD NAME:** Boulder Dam Rd.

**BRIDGE #:** NA

**SECTION:** 26 / **TOWNSHIP:** 53 / **RANGE:** 15

**ESTIMATED COST:** \$725,001.00

**FUNDING SOURCE:** SPRA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$725,001.00	\$0.00	\$725,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 298687 - CP 0303-298687 TST - Reclaim & Overlay - CR 303

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 303 (Trillium Rd.) - TH 169 to CSAH 68

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 298687

**STATE PROJECT #:** CP 0303-298687 TST

**ROAD #:** CR 303

**ROAD NAME:** Trillium Rd.

**BRIDGE #:** NA

**SECTION:** 10 / **TOWNSHIP:** 59 / **RANGE:** 17

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$800,001.00	\$0.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 298688 - CP 0307-298688 TST - Reclaim & Overlay - CR 307

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 307 (Wuori Rd.) - TH 53 to CR 303 (Trillium Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 298688

**STATE PROJECT #:** CP 0307-298688 TST

**ROAD #:** CR 307

**ROAD NAME:** Wuori Rd.

**BRIDGE #:** NA

**SECTION:** 7 / **TOWNSHIP:** 59 / **RANGE:** 17

**ESTIMATED COST:** \$1,125,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$1,125,001.00	\$0.00	\$0.00	\$1,125,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 257870 - CP 0353-257870 - Bridge Construction - CR 353

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 353 (Round Lake Rd.) - .4 Mi. North of Jct CSAH 16 to .5 Mi. North of Jct CSAH 16

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 257870

**STATE PROJECT #:** CP 0353-257870

**ROAD #:** CR 353

**ROAD NAME:** Round Lake Rd.

**BRIDGE #:** 374

**SECTION:** 25 / **TOWNSHIP:** 57 / **RANGE:** 12

**ESTIMATED COST:** \$150,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$150,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 259415 - CP 0375-259415 - Bridge Construction - CR 375

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 375 () - Jct Salo Rd. to .1 Mi. South of Jct.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 259415

**STATE PROJECT #:** CP 0375-259415

**ROAD #:** CR 375

**ROAD NAME:**

**BRIDGE #:** 514

**SECTION:** 17 / **TOWNSHIP:** 60 / **RANGE:** 13

**ESTIMATED COST:** \$150,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$150,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153311 - CP 0411-153311 - Mill & Overlay - CR 411

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Mill & Overlay - CR 411 (Wiseman Rd.) - CSAH 26 (Wahlsten Rd) to TH 135

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153311    **STATE PROJECT #:** CP 0411-153311    **ROAD #:** CR 411

**ROAD NAME:** Wiseman Rd.    **BRIDGE #:** NA    **SECTION:** 26 / **TOWNSHIP:** 61 / **RANGE:** 16

**ESTIMATED COST:** \$300,001.00    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0523-???? - Chip Seal - CR 523

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 523 (Burma Rd.) - CSAH 123 (Gappa Rd.) to End

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** CP 0523-???? **ROAD #:** CR 523

**ROAD NAME:** Burma Rd. **BRIDGE #:** NA **SECTION:** 27 / **TOWNSHIP:** 69 / **RANGE:** 21

**ESTIMATED COST:** \$12,001.00 **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$12,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 298689 - CP 0526-298689 TST - Reclaim & Overlay - CR 526

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 526 (Pike Bay Dr.) - TH 169 to TH 169

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 298689

**STATE PROJECT #:** CP 0526-298689 TST

**ROAD #:** CR 526

**ROAD NAME:** Pike Bay Dr.

**BRIDGE #:** NA

**SECTION:** 3 / **TOWNSHIP:** 61 / **RANGE:** 16

**ESTIMATED COST:** \$525,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$525,001.00	\$0.00	\$0.00	\$525,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 235523 - CP 0535-235523 - Culvert Replacement - CR 535

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Structural and hydraulic deficiencies require the replacement of the culvert.

**PROJECT DESCRIPTION AND LOCATION:** Culvert Replacement - CR 535 (Halverson Rd.) - CR 535 (Halverson Rd.) approx. 2 mi. NW of CR 962

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new culvert and driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 235523	<b>STATE PROJECT #:</b> CP 0535-235523	<b>ROAD #:</b> CR 535
<b>ROAD NAME:</b> Halverson Rd.	<b>BRIDGE #:</b> NA	<b>SECTION:</b> 30 / <b>TOWNSHIP:</b> 63 / <b>RANGE:</b> 21
<b>ESTIMATED COST:</b> \$1,500,001.00	<b>FUNDING SOURCE:</b> Local	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$1,500,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0673-???? - Chip Seal - CR 673

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 673 (Gamma Rd.) - CSAH 122 (Waltz Rd.) to End

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ????

**STATE PROJECT #:** CP 0673-????

**ROAD #:** CR 673

**ROAD NAME:** Gamma Rd.

**BRIDGE #:** NA

**SECTION:** 7 / **TOWNSHIP:** 69 / **RANGE:** 21

**ESTIMATED COST:** \$11,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$11,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 277234 - CP 0894-277234 TST - Reclaim & Overlay - CR 894

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 894 (Stark Rd.) - Carlton County Line to CSAH 13

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 277234

**STATE PROJECT #:** CP 0894-277234 TST

**ROAD #:** CR 894

**ROAD NAME:** Stark Rd.

**BRIDGE #:** NA

**SECTION:** 6 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$400,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$400,001.00	\$0.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271566 - CP 8146-271566 - Bridge Construction - UT 8146

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - UT 8146 (Jacobs Rd.) - 0.5 Mi. South of TH 53 and East of Ash Lake

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 271566	<b>STATE PROJECT #:</b> CP 8146-271566	<b>ROAD #:</b> UT 8146
<b>ROAD NAME:</b> Jacobs Rd.	<b>BRIDGE #:</b> 818	<b>SECTION:</b> 9 / <b>TOWNSHIP:</b> 66 / <b>RANGE:</b> 20
<b>ESTIMATED COST:</b> \$900,001.00	<b>FUNDING SOURCE:</b> Unorg Twp	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$0.00	\$900,001.00	\$900,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 9203-???? - Reclaim & Overlay - UT 9203

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2018

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - UT 9203 (Branch Rd. W.) - CSAH 44 to CR 256

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> ????	<b>STATE PROJECT #:</b> CP 9203-????	<b>ROAD #:</b> UT 9203
<b>ROAD NAME:</b> Branch Rd. W.	<b>BRIDGE #:</b> NA	<b>SECTION: / TOWNSHIP: / RANGE:</b>
<b>ESTIMATED COST:</b> \$200,001.00	<b>FUNDING SOURCE:</b> Unorg Twp	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 293134 - CP 0000-293134 - 6" Edgeline Striping -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county.

**PROJECT DESCRIPTION AND LOCATION:** 6" Edgeline Striping - () - Various County Highways

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 293134

**STATE PROJECT #:** CP 0000-293134

**ROAD #:**

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$130,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$13,001.00	\$0.00	\$0.00	\$117,000.00	\$0.00	\$130,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - Br. Rehab Projects - Bridge Rehab Projects -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Rehab Projects - () - TBD

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** Br. Rehab Projects **ROAD #:**

**ROAD NAME:** **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 278673 - CP 0000-278673 - Crack Sealing -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This treatment is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Crack Sealing - () - Various Roads within St. Louis County

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Crack sealing will reduce the amount of resources required to maintain the road in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 278673    **STATE PROJECT #:** CP 0000-278673    **ROAD #:**

**ROAD NAME:**    **BRIDGE #:** NA    **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$300,001.00    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 14253 - CP 0000-14253 - Guard Rail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2019

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - () - Various locations in north St. Louis County

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 14253

STATE PROJECT #: CP 0000-14253

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$350,000.00

FUNDING SOURCE: HSIP

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$350,000.00	\$0.00	\$350,000.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97050 - CP 0000-97050 - Guard Rail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2019

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - () - Various locations in south St. Louis County

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 97050

STATE PROJECT #: CP 0000-97050

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$200,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$200,000.00	\$0.00	\$200,000.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 22478 - CP 0000-22478 - Guard Rail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2019

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - () - Various locations in St. Louis County on County Roads

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 22478

STATE PROJECT #: CP 0000-22478

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$269,728.30

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$269,728.30	\$0.00	\$0.00	\$0.00	\$0.00	\$269,728.30

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 293139 - CP 0000-293139 - Intersection Pavement Markings -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Intersection Pavement Markings - () - Various County Highways

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 293139

**STATE PROJECT #:** CP 0000-293139

**ROAD #:**

**ROAD NAME:**

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$270,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$27,001.00	\$0.00	\$0.00	\$243,000.00	\$0.00	\$270,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

**Form 12**

**ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 275392 - CP 0000-275392 - Striping -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To improve the safety at various locations throughout the county.

**PROJECT DESCRIPTION AND LOCATION:** Striping - () - Various County State Aid Highways

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 275392    **STATE PROJECT #:** CP 0000-275392    **ROAD #:**

**ROAD NAME:**    **BRIDGE #:** NA    **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$300,001.00    **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$300,001.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276407 - CP 0006-276407 - Chip Seal - CSAH 6

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CSAH 6 (Maple Grove Rd.) - TH 33 to TH 2

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276407

**STATE PROJECT #:** CP 0006-276407

**ROAD #:** CSAH 6

**ROAD NAME:** Maple Grove Rd.

**BRIDGE #:** NA

**SECTION:** 13 / **TOWNSHIP:** 50 / **RANGE:** 17

**ESTIMATED COST:** \$100,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$100,001.00	\$0.00	\$100,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243164 - CP 0006-243164 - Reclaim & Overlay - CSAH 6

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 6 (Maple Grove Rd.) - CSAH 13 (Midway Rd.) to Westberg Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243164

**STATE PROJECT #:** CP 0006-243164

**ROAD #:** CSAH 6

**ROAD NAME:** Maple Grove Rd.

**BRIDGE #:** NA

**SECTION:** 13 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$2,000,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$2,000,001.00	\$0.00	\$2,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 293140 - CP 0007-293140 - Intersection Improvements - CSAH 7

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Intersection Improvements - CSAH 7 (Industrial Rd.) - Intersection of CSAH 7 and US 53

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 293140

**STATE PROJECT #:** CP 0007-293140

**ROAD #:** CSAH 7

**ROAD NAME:** Industrial Rd.

**BRIDGE #:** NA

**SECTION:** 15 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$500,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153304 - CP 0009-153304 - Micro Surface - CSAH 9

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Micro Surface - CSAH 9 (Woodland Ave.) - Anoka Ave. to Arrowhead Road

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153304    **STATE PROJECT #:** CP 0009-153304    **ROAD #:** CSAH 9

**ROAD NAME:** Woodland Ave.    **BRIDGE #:** NA    **SECTION:** 11 / **TOWNSHIP:** 50 / **RANGE:** 14

**ESTIMATED COST:** \$180,001.00    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$180,001.00	\$0.00	\$180,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275995 - CP 0009-275995 - Reclaim & Overlay - CSAH 9

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 9 (Arnold Rd.) - 200' West of Austin St. to Martin Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275995

**STATE PROJECT #:** CP 0009-275995

**ROAD #:** CSAH 9

**ROAD NAME:** Arnold Rd.

**BRIDGE #:** NA

**SECTION:** 35 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$550,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$550,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$550,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275996 - CP 0009-275996 - Reconstruction - CSAH 9

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Traffic, existing substandard geometrics and deficient subgrade conditions require that the highway be reconstructed to meet the projected needs of the road network.

**PROJECT DESCRIPTION AND LOCATION:** Reconstruction - CSAH 9 (Woodland Ave.) - Anoka St. to 200' West of Austin St.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface, subgrade and drainage improvements will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275996

**STATE PROJECT #:** CP 0009-275996

**ROAD #:** CSAH 9

**ROAD NAME:** Woodland Ave.

**BRIDGE #:** NA

**SECTION:** 2 / **TOWNSHIP:** 50 / **RANGE:** 14

**ESTIMATED COST:** \$1,500,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$1,500,001.00	\$0.00	\$1,500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 287571 - CP 0012-287571 - Bridge Construction - CSAH 12

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 12 (E. Superior St.) - Between Occidental St. & Lester River Rd. Over Lester River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 287571    **STATE PROJECT #:** CP 0012-287571    **ROAD #:** CSAH 12

**ROAD NAME:** E. Superior St.    **BRIDGE #:** 940    **SECTION:** 4 / **TOWNSHIP:** 50 / **RANGE:** 13

**ESTIMATED COST:** \$400,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275816 - CP 0012-275816 - Reclaim & Overlay - CSAH 12

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 12 (Lester River Rd) - 60th Ave. E. to CSAH 10 (Strand Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275816

**STATE PROJECT #:** CP 0012-275816

**ROAD #:** CSAH 12

**ROAD NAME:** Lester River Rd

**BRIDGE #:** NA

**SECTION:** 5 / **TOWNSHIP:** 50 / **RANGE:** 13

**ESTIMATED COST:** \$1,149,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$1,149,001.00	\$0.00	\$1,149,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300230 - CP 0014-300230 - Bridge Construction - CSAH 14

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 14 (Mountain Dr.) - 0.06 Mi. North of Mountain Dr. over RR

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 300230	<b>STATE PROJECT #:</b> CP 0014-300230	<b>ROAD #:</b> CSAH 14
<b>ROAD NAME:</b> Mountain Dr.	<b>BRIDGE #:</b> 918	<b>SECTION:</b> 15 / <b>TOWNSHIP:</b> 49 / <b>RANGE:</b> 15
<b>ESTIMATED COST:</b> \$600,001.00	<b>FUNDING SOURCE:</b> State	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$600,001.00	\$0.00	\$600,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276151 - CP 0020-276151 - Reclaim & Overlay - CSAH 20

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 20 (Heritage Trail) - TH 135 to Main Street

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276151    **STATE PROJECT #:** CP 0020-276151    **ROAD #:** CSAH 20

**ROAD NAME:** Heritage Trail    **BRIDGE #:** NA    **SECTION:** 20 / **TOWNSHIP:** 58 / **RANGE:** 16

**ESTIMATED COST:** \$400,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275599 - CP 0025-275599 TST - Reclaim & Overlay - CSAH 25

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 25 (Hwy 25) - CR 661 to TH 37

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275599

**STATE PROJECT #:** CP 0025-275599 TST

**ROAD #:** CSAH 25

**ROAD NAME:** Hwy 25

**BRIDGE #:** NA

**SECTION:** 13 / **TOWNSHIP:** 56 / **RANGE:** 19

**ESTIMATED COST:** \$1,851,501.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$1,851,501.00	\$0.00	\$0.00	\$1,851,501.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 244410 - CP 0035-244410\* - Reclaim & Overlay - CSAH 35

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 35 (Schultz Rd.) - CSAH 4 (Rice Lake Rd.) to CSAH 36 (Arnold Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 244410    **STATE PROJECT #:** CP 0035-244410\*    **ROAD #:** CSAH 35

**ROAD NAME:** Schultz Rd.    **BRIDGE #:** NA    **SECTION:** 5 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$1,200,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$1,200,001.00	\$0.00	\$0.00	\$1,200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275802 - CP 0043-275802 - Reclaim & Overlay - CSAH 43

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 43 (Lismore Rd.) - CSAH 34 to CSAH 37

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275802    **STATE PROJECT #:** CP 0043-275802    **ROAD #:** CSAH 43

**ROAD NAME:** Lismore Rd.    **BRIDGE #:** NA    **SECTION:** 3 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$1,050,001.00    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$1,050,001.00	\$0.00	\$1,050,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300237 - CP 0052-300237 - Bridge Construction - CSAH 52

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 52 (Arkola Rd.) - 1.6 Mi. West of TH 53 over Whiteface River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300237

**STATE PROJECT #:** CP 0052-300237

**ROAD #:** CSAH 52

**ROAD NAME:** Arkola Rd.

**BRIDGE #:** 216

**SECTION:** 9 / **TOWNSHIP:** 54 / **RANGE:** 17

**ESTIMATED COST:** \$500,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300221 - CP 0052-300221 - Bridge Construction - CSAH 52

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 52 (Comstock Lake R) - 0.1 Mi. West of CSAH 15 over Whiteface River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300221

**STATE PROJECT #:** CP 0052-300221

**ROAD #:** CSAH 52

**ROAD NAME:** Comstock Lake R

**BRIDGE #:** 212

**SECTION:** 3 / **TOWNSHIP:** 54 / **RANGE:** 16

**ESTIMATED COST:** \$1,300,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$1,300,001.00	\$0.00	\$1,300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300223 - CP 0052-300223 - Bridge Construction - CSAH 52

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 52 (Comstock Lake R) - 0.6 Mi. West of CSAH 15 over Picnic Creek

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300223

**STATE PROJECT #:** CP 0052-300223

**ROAD #:** CSAH 52

**ROAD NAME:** Comstock Lake R

**BRIDGE #:** 211

**SECTION:** 3 / **TOWNSHIP:** 54 / **RANGE:** 16

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0067-???? - Scrub Seal - CSAH 67

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 67 () - TH 169 to Lake St.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0067-????

ROAD #: CSAH 67

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$50,001.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276154 - CP 0070-276154 - Bituminous Overlay - CSAH 70

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Bituminous Overlay - CSAH 70 (Hwy 70) - Constatine Rd. to SLC/Lake County Line

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276154    **STATE PROJECT #:** CP 0070-276154    **ROAD #:** CSAH 70

**ROAD NAME:** Hwy 70    **BRIDGE #:** NA    **SECTION:** 9 / **TOWNSHIP:** 60 / **RANGE:** 12

**ESTIMATED COST:** \$1,400,001.00    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$1,400,001.00	\$0.00	\$1,400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276153 - CP 0070-276153 - Reclaim & Overlay - CSAH 70

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 70 (Hwy 70) - CSAH 21 to Constatine Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276153

**STATE PROJECT #:** CP 0070-276153

**ROAD #:** CSAH 70

**ROAD NAME:** Hwy 70

**BRIDGE #:** NA

**SECTION:** 2 / **TOWNSHIP:** 60 / **RANGE:** 13

**ESTIMATED COST:** \$2,100,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$2,100,001.00	\$0.00	\$2,100,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276155 - CP 0097-276155 - Reclaim & Overlay - CSAH 97

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 97 (Ajax Rd.) - CSAH 20 to CSAH 4

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276155

**STATE PROJECT #:** CP 0097-276155

**ROAD #:** CSAH 97

**ROAD NAME:** Ajax Rd.

**BRIDGE #:** NA

**SECTION:** 28 / **TOWNSHIP:** 58 / **RANGE:** 16

**ESTIMATED COST:** \$910,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$910,001.00	\$0.00	\$910,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275033 - CP 0099-275033 - Reclaim & Overlay - CSAH 99

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 99 (Hwy 99) - CSAH 16 to CSAH 100

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275033

**STATE PROJECT #:** CP 0099-275033

**ROAD #:** CSAH 99

**ROAD NAME:** Hwy 99

**BRIDGE #:** NA

**SECTION:** 34 / **TOWNSHIP:** 57 / **RANGE:** 15

**ESTIMATED COST:** \$2,150,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$2,150,001.00	\$0.00	\$2,150,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 243163 - CP 0100-243163 - Reclaim & Overlay - CSAH 100

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 100 (Hwy 100) - CSAH 99 to CSAH 110

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 243163    **STATE PROJECT #:** CP 0100-243163    **ROAD #:** CSAH 100

**ROAD NAME:** Hwy 100    **BRIDGE #:** NA    **SECTION:** 3 / **TOWNSHIP:** 57 / **RANGE:** 15

**ESTIMATED COST:** \$2,378,601.00    **FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$2,378,601.00	\$0.00	\$2,378,601.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275610 - CP 0103-275610 - Reclaim & Overlay - CSAH 103

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 103 (Mud Lake Rd.) - CSAH 102 to TH 169

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275610

**STATE PROJECT #:** CP 0103-275610

**ROAD #:** CSAH 103

**ROAD NAME:** Mud Lake Rd.

**BRIDGE #:** NA

**SECTION:** 15 / **TOWNSHIP:** 58 / **RANGE:** 18

**ESTIMATED COST:** \$780,501.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$780,501.00	\$0.00	\$780,501.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 291203 - CP 0110-291203 - Scrub Seal - CSAH 110

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Scrub seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Scrub Seal - CSAH 110 (Skibo Lookout R) - CSAH 16 to Hoyt Lakes City Limits

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 291203

**STATE PROJECT #:** CP 0110-291203

**ROAD #:** CSAH 110

**ROAD NAME:** Skibo Lookout R

**BRIDGE #:** NA

**SECTION:** 9 / **TOWNSHIP:** 58 / **RANGE:** 14

**ESTIMATED COST:** \$450,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$450,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$450,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275034 - CP 0111-275034 TST - Reclaim & Overlay - CSAH 111

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 111 (Palo Rd. 41) - CSAH 4 to CSAH 99

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275034

**STATE PROJECT #:** CP 0111-275034 TST

**ROAD #:** CSAH 111

**ROAD NAME:** Palo Rd. 41

**BRIDGE #:** NA

**SECTION:** 18 / **TOWNSHIP:** 57 / **RANGE:** 15

**ESTIMATED COST:** \$1,300,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$1,300,001.00	\$0.00	\$0.00	\$1,300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275818 - CP 0121-275818 - Reclaim & Overlay - CSAH 121

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 121 (E. Calvary Rd.) - CSAH 34 (Howard Gnesen Rd.) to CSAH 9 (Arnold Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275818    **STATE PROJECT #:** CP 0121-275818    **ROAD #:** CSAH 121

**ROAD NAME:** E. Calvary Rd.    **BRIDGE #:** NA    **SECTION:** 34 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$400,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$400,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275617 - CP 0137-275617 TST - Reclaim & Overlay - CSAH 137

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 137 (Spirit Lake Rd.) - TH 37 to TH 169

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275617

**STATE PROJECT #:** CP 0137-275617 TST

**ROAD #:** CSAH 137

**ROAD NAME:** Spirit Lake Rd.

**BRIDGE #:** NA

**SECTION:** 19 / **TOWNSHIP:** 57 / **RANGE:** 18

**ESTIMATED COST:** \$2,325,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$2,325,001.00	\$0.00	\$0.00	\$2,325,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153302 - CP 0162-153302 TST - Bituminous Overlay - CR 162

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Bituminous Overlay - CR 162 (Frontage Road) - Frontage Rd. - CSAH 4 (Rice Lake Rd.) to CSAH 9 (Martin Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153302

**STATE PROJECT #:** CP 0162-153302 TST

**ROAD #:** CR 162

**ROAD NAME:** Frontage Road

**BRIDGE #:** NA

**SECTION:** 31 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$28,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$28,001.00	\$0.00	\$0.00	\$28,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 210717 - CP 0244-210717 - Reclaim & Overlay - CR 244

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 244 (Drake Rd.) - Calvary Rd. to .15 Mi. North of Gothenberg Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 210717

**STATE PROJECT #:** CP 0244-210717

**ROAD #:** CR 244

**ROAD NAME:** Drake Rd.

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$325,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$325,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$325,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276399 - CP 0245-276399 TST - Reclaim & Overlay - CR 245

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 245 (Washburn Rd.) - CR 280 (Riley Rd.) to CR 286 (Strand Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276399    **STATE PROJECT #:** CP 0245-276399 TST    **ROAD #:** CR 245

**ROAD NAME:** Washburn Rd.    **BRIDGE #:** NA    **SECTION:** 29 / **TOWNSHIP:** 51 / **RANGE:** 13

**ESTIMATED COST:** \$400,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$400,001.00	\$0.00	\$0.00	\$400,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276400 - CP 0248-276400 TST - Reclaim & Overlay - CR 248

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 248 (First Ave. N.) - CSAH 121 (Calvary Rd.) to CSAH 9 (Martin Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276400

**STATE PROJECT #:** CP 0248-276400 TST

**ROAD #:** CR 248

**ROAD NAME:** First Ave. N.

**BRIDGE #:** NA

**SECTION:** 34 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$315,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$315,001.00	\$0.00	\$0.00	\$315,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276910 - CP 0258-276910 TST - Reclaim & Overlay - CR 258

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 258 (Bergquist Rd.) - TH 61 to CR 276 (Lismore Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276910

**STATE PROJECT #:** CP 0258-276910 TST

**ROAD #:** CR 258

**ROAD NAME:** Bergquist Rd.

**BRIDGE #:** NA

**SECTION:** 8 / **TOWNSHIP:** 51 / **RANGE:** 12

**ESTIMATED COST:** \$575,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$575,001.00	\$0.00	\$0.00	\$575,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276401 - CP 0277-276401 - Reclaim & Overlay - CR 277

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 277 (Schultz Lake Rd) - CSAH 44 (Normanna Rd.) to CR 278

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276401

**STATE PROJECT #:** CP 0277-276401

**ROAD #:** CR 277

**ROAD NAME:** Schultz Lake Rd

**BRIDGE #:** NA

**SECTION:** 16 / **TOWNSHIP:** 52 / **RANGE:** 14

**ESTIMATED COST:** \$425,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$425,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$425,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275618 - CP 0317-275618 TST - Reclaim & Overlay - CR 317

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 317 (Wolf Rd.) - CR 315 to CR 955

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275618

**STATE PROJECT #:** CP 0317-275618 TST

**ROAD #:** CR 317

**ROAD NAME:** Wolf Rd.

**BRIDGE #:** NA

**SECTION:** 3 / **TOWNSHIP:** 57 / **RANGE:** 18

**ESTIMATED COST:** \$168,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$168,001.00	\$0.00	\$0.00	\$168,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300239 - CP 0321-300239 - Bridge Construction - CR 321

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 321 () - 1 Mi. North of CSAH 29 Ent Rt (East) over Ditch on CR 321

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300239

**STATE PROJECT #:** CP 0321-300239

**ROAD #:** CR 321

**ROAD NAME:**

**BRIDGE #:** 394

**SECTION:** 27 / **TOWNSHIP:** 55 / **RANGE:** 18

**ESTIMATED COST:** \$200,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$200,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275035 - CP 0343-275035 - Reclaim & Overlay - CR 343

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 343 (E. Bodas Rd.) - CSAH 4 to CSAH 99

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275035

**STATE PROJECT #:** CP 0343-275035

**ROAD #:** CR 343

**ROAD NAME:** E. Bodas Rd.

**BRIDGE #:** NA

**SECTION:** 19 / **TOWNSHIP:** 57 / **RANGE:** 15

**ESTIMATED COST:** \$1,500,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$1,500,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300241 - CP 0444-300241 - Bridge Construction - CR 444

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 444 (CR 444) - 0.2 Mi. North of CR 799 over Little Swan River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300241

**STATE PROJECT #:** CP 0444-300241

**ROAD #:** CR 444

**ROAD NAME:** CR 444

**BRIDGE #:** 786

**SECTION:** 25 / **TOWNSHIP:** 56 / **RANGE:** 20

**ESTIMATED COST:** \$200,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$200,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300227 - CP 0452-300227 - Bridge Construction - CR 452

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 452 (Iron Junction Rd) - 0.38 Mi. West of CSAH 7 over Elbow Creek

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300227

**STATE PROJECT #:** CP 0452-300227

**ROAD #:** CR 452

**ROAD NAME:** Iron Junction Rd

**BRIDGE #:** 476

**SECTION:** 15 / **TOWNSHIP:** 57 / **RANGE:** 18

**ESTIMATED COST:** \$700,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$700,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$700,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271724 - CP 0481-271724 - Bridge Construction - CR 481

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 481 (Carpenter Rd.) - 0.25 Mi. South of CSAH 82

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271724    **STATE PROJECT #:** CP 0481-271724    **ROAD #:** CR 481

**ROAD NAME:** Carpenter Rd.    **BRIDGE #:** 774    **SECTION:** 30 / **TOWNSHIP:** 61 / **RANGE:** 19

**ESTIMATED COST:** \$300,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271722 - CP 0491-271722 - Bridge Construction - CR 491

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 491 (Roini Rd.) - 0.15 Mi. South of CSAH 82

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 271722	<b>STATE PROJECT #:</b> CP 0491-271722	<b>ROAD #:</b> CR 491
<b>ROAD NAME:</b> Roini Rd.	<b>BRIDGE #:</b> 646	<b>SECTION:</b> 25 / <b>TOWNSHIP:</b> 61 / <b>RANGE:</b> 20
<b>ESTIMATED COST:</b> \$300,001.00	<b>FUNDING SOURCE:</b> Local	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276409 - CP 0540-276409 - Chip Seal - CR 540

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - CR 540 (East Olson Rd.) - US 53 to CR 910 (South Beatty Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276409

**STATE PROJECT #:** CP 0540-276409

**ROAD #:** CR 540

**ROAD NAME:** East Olson Rd.

**BRIDGE #:** NA

**SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$116,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$116,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$116,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300240 - CP 0542-300240 - Bridge Construction - CR 542

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 542 () - 0.01 Mi. East of CSAH 7 over Ditch on CR 542

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300240    **STATE PROJECT #:** CP 0542-300240    **ROAD #:** CR 542

**ROAD NAME:**    **BRIDGE #:** 395    **SECTION:** 34 / **TOWNSHIP:** 55 / **RANGE:** 18

**ESTIMATED COST:** \$200,001.00    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$200,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300225 - CP 0666-300225 - Bridge Construction - CR 666

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 666 (Kensington Dr.) - 1.95 Mi. North of CSAH 110 over Wyman Creek

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300225    **STATE PROJECT #:** CP 0666-300225    **ROAD #:** CR 666

**ROAD NAME:** Kensington Dr.    **BRIDGE #:** 843    **SECTION:** 4 / **TOWNSHIP:** 58 / **RANGE:** 14

**ESTIMATED COST:** \$1,000,001.00    **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$1,000,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300228 - CP 0686-300228 - Bridge Construction - CR 686

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 686 (Pond Rd.) - 0.32 Mi. East of CSAH 93 over Water Hen Creek

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300228

**STATE PROJECT #:** CP 0686-300228

**ROAD #:** CR 686

**ROAD NAME:** Pond Rd.

**BRIDGE #:** 430

**SECTION:** 18 / **TOWNSHIP:** 56 / **RANGE:** 16

**ESTIMATED COST:** \$900,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$900,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$900,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275608 - CP 0708-275608 - Reclaim & Overlay - CR 708

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 708 (Old Hwy 169) - Old Hwy 169 to CR 661

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275608

**STATE PROJECT #:** CP 0708-275608

**ROAD #:** CR 708

**ROAD NAME:** Old Hwy 169

**BRIDGE #:** NA

**SECTION:** 23 / **TOWNSHIP:** 58 / **RANGE:** 19

**ESTIMATED COST:** \$560,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$560,001.00	\$0.00	\$0.00	\$560,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271725 - CP 0916-271725 - Bridge Construction - CR 916

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 916 (Itasca Rd.) - 3.6 Mi. South of TH 1

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271725    **STATE PROJECT #:** CP 0916-271725    **ROAD #:** CR 916

**ROAD NAME:** Itasca Rd.    **BRIDGE #:** 879    **SECTION:** 31 / **TOWNSHIP:** 62 / **RANGE:** 21

**ESTIMATED COST:** \$300,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275609 - CP 0955-275609 TST - Reclaim & Overlay - CR 955

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 955 (Wolf Rd.) - CR 317 to CSAH 101

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275609    **STATE PROJECT #:** CP 0955-275609 TST    **ROAD #:** CR 955

**ROAD NAME:** Wolf Rd.    **BRIDGE #:** NA    **SECTION:** 3 / **TOWNSHIP:** 57 / **RANGE:** 18

**ESTIMATED COST:** \$406,001.00    **FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$406,001.00	\$0.00	\$0.00	\$406,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 1753 - CP 8110-1753 - Bridge Construction - UT 8110

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - UT 8110 (Old CR 361) - .15 mi So of CSAH 115 over Little Fork River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 1753

**STATE PROJECT #:** CP 8110-1753

**ROAD #:** UT 8110

**ROAD NAME:** Old CR 361

**BRIDGE #:** 373

**SECTION:** 20 / **TOWNSHIP:** 62 / **RANGE:** 17

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** Town Bridge

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$790,001.00	\$10,000.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153454 - CP 8217-153454 - Reclaim & Overlay - UT 8217

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2019

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - UT 8217 (Co. Rd. 904) - UT 8207 to CSAH 21

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153454

**STATE PROJECT #:** CP 8217-153454

**ROAD #:** UT 8217

**ROAD NAME:** Co. Rd. 904

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 61 / **RANGE:** 13

**ESTIMATED COST:** \$537,001.00

**FUNDING SOURCE:** Unorg Twp

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$0.00	\$537,001.00	\$537,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 293135 - CP 0000-293135 - 6" Edgeline Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2020

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county.

PROJECT DESCRIPTION AND LOCATION: 6" Edgeline Striping - () - Various County Highways

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: Minimal affect on operating budget.

### PROJECT INFORMATION

COUNTY PROJECT #: 293135

STATE PROJECT #: CP 0000-293135

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$70,001.00

FUNDING SOURCE: Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$7,001.00	\$0.00	\$0.00	\$63,000.00	\$0.00	\$70,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - CP 0000-???? - Adaptive Signal Control -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To improve safety and traffic capacity at the intersections indicated.

**PROJECT DESCRIPTION AND LOCATION:** Adaptive Signal Control - () - Various Intersections within St. Louis County

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** New, more efficient traffic signals should reduce electrical costs. Additional turn lanes and striping will need to be maintained.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** CP 0000-???? **ROAD #:**

**ROAD NAME:** **BRIDGE #:** NA **SECTION:** 13 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$1,000,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP ???? - Chip Seals - Chip Seal -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Chip Seal - () - Various Chip Seals in the County

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** Chip Seals **ROAD #:**

**ROAD NAME:** **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$3,350,001.00 **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$1,325,001.00	\$0.00	\$0.00	\$2,025,000.00	\$0.00	\$3,350,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97115 - CP 0000-97115 - Guard Rail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2020

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - () - Various locations in north St. Louis County

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 97115

STATE PROJECT #: CP 0000-97115

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$200,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$200,000.00	\$0.00	\$200,000.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97114 - CP 0000-97114 - Guard Rail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2020

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - () - Various locations in south St. Louis County

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The installation of guardrail at new locations will require increased maintaince resources, but it will also protect bridges and other roadside assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 97114

STATE PROJECT #: CP 0000-97114

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$200,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$200,000.00	\$0.00	\$200,000.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0000-???? - Ped/Bike Trail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2020

PROJECT PURPOSE AND JUSTIFICATION: To provide recreational trails for pedestrian and bicycle users throughout St. Louis County.

PROJECT DESCRIPTION AND LOCATION: Ped/Bike Trail - () - Mesabi Trail from TH 1 to 0.17 Mi. West of Intersection of TH 1 & 3rd Ave. W.

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: No affect on operating budget.

### PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0000-????

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$900,001.00

FUNDING SOURCE: Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$300,000.00	\$600,001.00	\$900,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 297890 - CP 0000-297890 - Ped/Bike Trail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2020

PROJECT PURPOSE AND JUSTIFICATION: To provide recreational trails for pedestrian and bicycle users throughout St. Louis County.

PROJECT DESCRIPTION AND LOCATION: Ped/Bike Trail - () - CSAH 88 to City of Ely

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: No affect on operating budget.

### PROJECT INFORMATION

COUNTY PROJECT #: 297890

STATE PROJECT #: CP 0000-297890

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: 36 / TOWNSHIP: 63 / RANGE: 13

ESTIMATED COST: \$900,001.00

FUNDING SOURCE: Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$300,001.00	\$600,000.00	\$900,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 293125 - CP 0000-293125 - Rumble Strips -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2020

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety at various locations throughout the county by preventing run-off-the-road accidents.

PROJECT DESCRIPTION AND LOCATION: Rumble Strips - () - Various County Highways

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: The rumble strip projects will allow us to place more edge striping annually in combination with the local levy budget and will extend the life of the pavement markings.

### PROJECT INFORMATION

COUNTY PROJECT #: 293125

STATE PROJECT #: CP 0000-293125

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$280,001.00

FUNDING SOURCE: Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$280,001.00	\$0.00	\$280,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 293137 - CP 0000-293137 - Traffic Safety -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2020

PROJECT PURPOSE AND JUSTIFICATION: To improve traffic safety on the road system

PROJECT DESCRIPTION AND LOCATION: Traffic Safety - () - Various County Highways

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

EFFECT ON OPERATING BUDGET: Minimal affect on operating budget.

### PROJECT INFORMATION

COUNTY PROJECT #: 293137

STATE PROJECT #: CP 0000-293137

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$370,001.00

FUNDING SOURCE: Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$370,001.00	\$0.00	\$370,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 5/31/16



**Form 12**

**ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 293138 - CP 0000-293138 - Traffic Safety -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To improve traffic safety on the road system

**PROJECT DESCRIPTION AND LOCATION:** Traffic Safety - () - Various County Highways

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** Minimal affect on operating budget.

**PROJECT INFORMATION**

<b>COUNTY PROJECT #:</b> 293138	<b>STATE PROJECT #:</b> CP 0000-293138	<b>ROAD #:</b>
<b>ROAD NAME:</b>	<b>BRIDGE #:</b> NA	<b>SECTION: / TOWNSHIP: / RANGE:</b>
<b>ESTIMATED COST:</b> \$320,001.00	<b>FUNDING SOURCE:</b> Federal	

**FUNDING BREAKDOWN**

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$32,001.00	\$0.00	\$0.00	\$288,000.00	\$0.00	\$320,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 261096 - CP 0007-261096 - Hot In Place Recycle - CSAH 7

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Hot In Place Recycle - CSAH 7 (Hwy 7) - 1740' South of Jct. CSAH 16 to TH 37

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 261096    **STATE PROJECT #:** CP 0007-261096    **ROAD #:** CSAH 7

**ROAD NAME:** Hwy 7    **BRIDGE #:** NA    **SECTION:** 3 / **TOWNSHIP:** 56 / **RANGE:** 18

**ESTIMATED COST:** \$1,000,001.00    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153439 - CP 0007-153439 - Micro Surface - CSAH 7

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Micro Surface - CSAH 7 (Hwy. #7) - CSAH 52 to CSAH 16

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153439

**STATE PROJECT #:** CP 0007-153439

**ROAD #:** CSAH 7

**ROAD NAME:** Hwy. #7

**BRIDGE #:** NA

**SECTION:** 22 / **TOWNSHIP:** 55 / **RANGE:** 18

**ESTIMATED COST:** \$2,525,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$2,525,001.00	\$0.00	\$2,525,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300210 - CP 0008-300210 - Bridge Construction - CSAH 8

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 8 (Hwy 8) - 0.48 Mi. East of TH 73 over St. Louis River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300210

**STATE PROJECT #:** CP 0008-300210

**ROAD #:** CSAH 8

**ROAD NAME:** Hwy 8

**BRIDGE #:** 856

**SECTION:** 5 / **TOWNSHIP:** 51 / **RANGE:** 20

**ESTIMATED COST:** \$500,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300207 - CP 0010-300207 - Bridge Construction - CSAH 10

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 10 (Strand Rd.) - 0.35 Mi. East of CSAH 12 over Lester River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300207

**STATE PROJECT #:** CP 0010-300207

**ROAD #:** CSAH 10

**ROAD NAME:** Strand Rd.

**BRIDGE #:** 28

**SECTION:** 22 / **TOWNSHIP:** 51 / **RANGE:** 13

**ESTIMATED COST:** \$500,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300205 - CP 0021-300205 - Bridge Construction - CSAH 21

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 21 (Hwy 21) - 0.9 Mi. North of CSAH 120 over Bear Island River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300205

**STATE PROJECT #:** CP 0021-300205

**ROAD #:** CSAH 21

**ROAD NAME:** Hwy 21

**BRIDGE #:** 285

**SECTION:** 5 / **TOWNSHIP:** 61 / **RANGE:** 12

**ESTIMATED COST:** \$1,000,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299735 - CP 0029-299735 TST - Reclaim & Overlay - CSAH 29

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 29 (Hwy 29) - TH 73 to CR 734

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299735

**STATE PROJECT #:** CP 0029-299735 TST

**ROAD #:** CSAH 29

**ROAD NAME:** Hwy 29

**BRIDGE #:** NA

**SECTION:** 18 / **TOWNSHIP:** 52 / **RANGE:** 19

**ESTIMATED COST:** \$3,625,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$3,625,001.00	\$0.00	\$0.00	\$3,625,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299630 - CP 0033-299630 - Reclaim & Overlay - CSAH 33

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 33 (McQuade Rd.) - 0.95 Mi. N. of State 61 to CSAH 43

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299630    **STATE PROJECT #:** CP 0033-299630    **ROAD #:** CSAH 33

**ROAD NAME:** McQuade Rd.    **BRIDGE #:** NA    **SECTION:** 13 / **TOWNSHIP:** 51 / **RANGE:** 13

**ESTIMATED COST:** \$840,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$840,001.00	\$0.00	\$840,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299631 - CP 0042-299631 TST - Reclaim & Overlay - CSAH 42

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 42 (W. Knife River) - CR 231 (Knife River Rd. W.) to CSAH 41

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299631

**STATE PROJECT #:** CP 0042-299631 TST

**ROAD #:** CSAH 42

**ROAD NAME:** W. Knife River

**BRIDGE #:** NA

**SECTION:** 10 / **TOWNSHIP:** 52 / **RANGE:** 12

**ESTIMATED COST:** \$525,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$525,001.00	\$0.00	\$0.00	\$525,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 275801 - CP 0050-275801 - Reclaim & Overlay - CSAH 50

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 50 (Ryan Rd.) - CSAH 61 to CSAH 43

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 275801

**STATE PROJECT #:** CP 0050-275801

**ROAD #:** CSAH 50

**ROAD NAME:** Ryan Rd.

**BRIDGE #:** NA

**SECTION:** 18 / **TOWNSHIP:** 51 / **RANGE:** 12

**ESTIMATED COST:** \$1,092,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$1,092,001.00	\$0.00	\$1,092,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 284469 - CP 0056-284469 - Reclaim & Overlay - CSAH 56

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 56 (Morris Thomas) - TH 2 to CSAH 54 (Piedmont Ave.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 284469    **STATE PROJECT #:** CP 0056-284469    **ROAD #:** CSAH 56

**ROAD NAME:** Morris Thomas    **BRIDGE #:** NA    **SECTION:** 29 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$2,250,001.00

**FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$2,250,001.00	\$0.00	\$2,250,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300202 - CP 0065-300202 - Bridge Construction - CSAH 65

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 65 (McCarthy Beach) - 0.45 Mi. West of CSAH 5 over Sturgeon River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300202    **STATE PROJECT #:** CP 0065-300202    **ROAD #:** CSAH 65

**ROAD NAME:** McCarthy Beach    **BRIDGE #:** 633    **SECTION:** 20 / **TOWNSHIP:** 60 / **RANGE:** 21

**ESTIMATED COST:** \$1,000,001.00    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 274367 - CP 0108-274367 - Bridge Construction - CSAH 108

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 108 (Long Lake Rd.) - 1.1 Mi. West of CSAH 4

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 274367

**STATE PROJECT #:** CP 0108-274367

**ROAD #:** CSAH 108

**ROAD NAME:** Long Lake Rd.

**BRIDGE #:** 421

**SECTION:** 28 / **TOWNSHIP:** 56 / **RANGE:** 15

**ESTIMATED COST:** \$300,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 271720 - CP 0108-271720 - Bridge Construction - CSAH 108

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 108 (Long Lake Rd.) - 0.6 Mi. West of CSAH 4

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 271720    **STATE PROJECT #:** CP 0108-271720    **ROAD #:** CSAH 108

**ROAD NAME:** Long Lake Rd.    **BRIDGE #:** 420    **SECTION:** 34 / **TOWNSHIP:** 56 / **RANGE:** 15

**ESTIMATED COST:** \$300,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299084 - CP 0116-299084 - Reclaim & Overlay - CSAH 116

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 116 (Echo Trail) - CSAH 88 to .5 Mi. North of CR 803 (Passi Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299084    **STATE PROJECT #:** CP 0116-299084    **ROAD #:** CSAH 116

**ROAD NAME:** Echo Trail    **BRIDGE #:** NA    **SECTION:** 22 / **TOWNSHIP:** 63 / **RANGE:** 12

**ESTIMATED COST:** \$1,500,001.00    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$1,500,001.00	\$0.00	\$1,500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 276152 - CP 0120-276152 - Reclaim & Overlay - CSAH 120

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 120 (Hwy 120) - CSAH 21 to TH 1

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 276152    **STATE PROJECT #:** CP 0120-276152    **ROAD #:** CSAH 120

**ROAD NAME:** Hwy 120    **BRIDGE #:** NA    **SECTION:** 5 / **TOWNSHIP:** 61 / **RANGE:** 12

**ESTIMATED COST:** \$1,680,001.00    **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$1,680,001.00	\$0.00	\$1,680,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300209 - CP 0133-300209 - Bridge Construction - CSAH 133

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 133 (Hwy 133) - 0.5 Mi. East of CR 198 over St. Louis River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300209

**STATE PROJECT #:** CP 0133-300209

**ROAD #:** CSAH 133

**ROAD NAME:** Hwy 133

**BRIDGE #:** 196

**SECTION:** 20 / **TOWNSHIP:** 53 / **RANGE:** 19

**ESTIMATED COST:** \$500,001.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299086 - CP 0151-299086\* - Mill & Overlay - CSAH 151

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Mill & Overlay - CSAH 151 (Harvey St. W.) - 3rd Ave. W. to CSAH 21 (Central Ave.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299086

**STATE PROJECT #:** CP 0151-299086\*

**ROAD #:** CSAH 151

**ROAD NAME:** Harvey St. W.

**BRIDGE #:** NA

**SECTION:** 33 / **TOWNSHIP:** 63 / **RANGE:** 12

**ESTIMATED COST:** \$45,001.00

**FUNDING SOURCE:** MSA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$45,001.00	\$0.00	\$45,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299087 - CP 0156-299087 - Mill & Overlay - CSAH 156

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Mill & Overlay - CSAH 156 (Harvey St.) - CSAH 21 (Central Ave.) to 17th Ave. E. (TH 1)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the roadway in a condition acceptable to the driving public.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299087

**STATE PROJECT #:** CP 0156-299087

**ROAD #:** CSAH 156

**ROAD NAME:** Harvey St.

**BRIDGE #:** NA

**SECTION:** 33 / **TOWNSHIP:** 63 / **RANGE:** 12

**ESTIMATED COST:** \$200,001.00

**FUNDING SOURCE:** MSA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$200,001.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299088 - CP 0158-299088 - Reclaim & Overlay - CSAH 158

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 158 (15th Ave. E.) - TH 169 to CSAH 157 (White St.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299088    **STATE PROJECT #:** CP 0158-299088    **ROAD #:** CSAH 158

**ROAD NAME:** 15th Ave. E.    **BRIDGE #:** NA    **SECTION:** 34 / **TOWNSHIP:** 63 / **RANGE:** 12

**ESTIMATED COST:** \$275,001.00    **FUNDING SOURCE:** MSA

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$275,001.00	\$0.00	\$275,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300212 - CP 0137-300212 - Bridge Construction - CR 167

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 167 (Richardson Rd.) - 0.55 Mi. West of CR 167 over Muskrat Creek

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300212

**STATE PROJECT #:** CP 0137-300212

**ROAD #:** CR 167

**ROAD NAME:** Richardson Rd.

**BRIDGE #:** 792

**SECTION:** 24 / **TOWNSHIP:** 52 / **RANGE:** 19

**ESTIMATED COST:** \$200,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$200,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300190 - CP 0186-300190 - Bridge Construction - CR 186

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 186 (Savanna Rd.) - 0.7 Mi. South of CR 834 over Savannah River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 300190	<b>STATE PROJECT #:</b> CP 0186-300190	<b>ROAD #:</b> CR 186
<b>ROAD NAME:</b> Savanna Rd.	<b>BRIDGE #:</b> 159	<b>SECTION:</b> 13 / <b>TOWNSHIP:</b> 51 / <b>RANGE:</b> 21
<b>ESTIMATED COST:</b> \$800,001.00	<b>FUNDING SOURCE:</b> Local	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$800,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299734 - CP 0276-299734 TST - Reclaim & Overlay - CR 276

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 276 (Lismore Rd.) - CSAH 50 (Ryan Rd.) to CR 258 (Bergquist Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299734

**STATE PROJECT #:** CP 0276-299734 TST

**ROAD #:** CR 276

**ROAD NAME:** Lismore Rd.

**BRIDGE #:** NA

**SECTION:** 5 / **TOWNSHIP:** 51 / **RANGE:** 12

**ESTIMATED COST:** \$350,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$350,001.00	\$0.00	\$0.00	\$350,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 257868 - CP 0293-257868 - Bridge Construction - CR 293

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 293 (N. Tischer Rd.) - .4 Mi. South of Jct. Lavis Rd. to .3 Mi. South of Jct. Lavis Rd.

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 257868    **STATE PROJECT #:** CP 0293-257868    **ROAD #:** CR 293

**ROAD NAME:** N. Tischer Rd.    **BRIDGE #:** 27    **SECTION:** 16 / **TOWNSHIP:** 51 / **RANGE:** 13

**ESTIMATED COST:** \$1,000,001.00    **FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$200,000.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$1,000,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299095 - CP 0404-299095 - Reclaim & Overlay - CR 404

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 404 (Wolf Lake Rd.) - TH 169 to End

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299095    **STATE PROJECT #:** CP 0404-299095    **ROAD #:** CR 404

**ROAD NAME:** Wolf Lake Rd.    **BRIDGE #:** NA    **SECTION:** 4 / **TOWNSHIP:** 62 / **RANGE:** 13

**ESTIMATED COST:** \$650,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$650,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$650,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299096 - CP 0489-299096 TST - Reclaim & Overlay - CR 489

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 489 (Burntside Lodge) - CSAH 88 to End

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299096

**STATE PROJECT #:** CP 0489-299096 TST

**ROAD #:** CR 489

**ROAD NAME:** Burntside Lodge

**BRIDGE #:** NA

**SECTION:** 23 / **TOWNSHIP:** 63 / **RANGE:** 13

**ESTIMATED COST:** \$75,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$75,001.00	\$0.00	\$0.00	\$75,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300191 - CP 0620-300191 - Bridge Construction - CR 620

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 620 (Salo Rd.) - 0.7 Mi. North of CR 615 over Embarrass River

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 300191

**STATE PROJECT #:** CP 0620-300191

**ROAD #:** CR 620

**ROAD NAME:** Salo Rd.

**BRIDGE #:** 515

**SECTION:** 18 / **TOWNSHIP:** 60 / **RANGE:** 13

**ESTIMATED COST:** \$800,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$800,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 142593 - CP 0666-142593 - Reclaim & Overlay - CR 666

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 666 (Kensington Dr.) - CSAH 110 to end

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 142593

**STATE PROJECT #:** CP 0666-142593

**ROAD #:** CR 666

**ROAD NAME:** Kensington Dr.

**BRIDGE #:** NA

**SECTION:** 8 / **TOWNSHIP:** 58 / **RANGE:** 14

**ESTIMATED COST:** \$2,500,000.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$2,500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,500,000.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 189123 - CP 0692-189123 TST - Micro Surface - CR 692

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, while improving ride quality for the traveling public. Chip seal is a preventative maintenance application designed to keep roads in good condition for a longer period of time.

**PROJECT DESCRIPTION AND LOCATION:** Micro Surface - CR 692 (Lakewood Rd.) - Duluth City Limits to CSAH 40 (E. Pioneer Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 189123

**STATE PROJECT #:** CP 0692-189123 TST

**ROAD #:** CR 692

**ROAD NAME:** Lakewood Rd.

**BRIDGE #:** NA

**SECTION:** 35 / **TOWNSHIP:** 52 / **RANGE:** 13

**ESTIMATED COST:** \$1,298,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$1,298,001.00	\$0.00	\$0.00	\$1,298,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 300213 - CP 0745-300213 - Bridge Construction - CR 745

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. Work proposed on the county's bridge system is performed with the goals of eliminating structurally deficient, functionally obsolete, load posted & fracture critical structures.

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 745 (Oak Rd.) - 0.25 Mi. West of CR 208 over Ditch

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new bridge and driving surface will reduce the amount of resources required to maintain the bridge in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

<b>COUNTY PROJECT #:</b> 300213	<b>STATE PROJECT #:</b> CP 0745-300213	<b>ROAD #:</b> CR 745
<b>ROAD NAME:</b> Oak Rd.	<b>BRIDGE #:</b> 249	<b>SECTION:</b> 19 / <b>TOWNSHIP:</b> 54 / <b>RANGE:</b> 18
<b>ESTIMATED COST:</b> \$200,001.00	<b>FUNDING SOURCE:</b> Local	

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$200,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299097 - CP 0803-299097 - Reclaim & Overlay - CR 803

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 803 (Passi Rd.) - CSAH 116 to End

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299097

**STATE PROJECT #:** CP 0803-299097

**ROAD #:** CR 803

**ROAD NAME:** Passi Rd.

**BRIDGE #:** NA

**SECTION:** 8 / **TOWNSHIP:** 63 / **RANGE:** 12

**ESTIMATED COST:** \$850,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$850,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$850,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299736 - CP 0818-299736 TST - Reclaim & Overlay - CR 818

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 818 (Roberg Rd.) - CR 293 (N. Tischer Rd.) to CR 692 (Lakewood Rd.)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299736

**STATE PROJECT #:** CP 0818-299736 TST

**ROAD #:** CR 818

**ROAD NAME:** Roberg Rd.

**BRIDGE #:** NA

**SECTION:** 4 / **TOWNSHIP:** 51 / **RANGE:** 13

**ESTIMATED COST:** \$700,001.00

**FUNDING SOURCE:** TST

### FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$700,001.00	\$0.00	\$0.00	\$700,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16



# Form 12

## ST. LOUIS COUNTY 2016-2020 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 299098 - CP 0989-299098 - Reclaim & Overlay - CR 989

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2020

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement allows for subgrade and structural improvements, load capacity increases, culvert replacement and minimizes cracking of the pavement surface.

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 989 (Walsh Rd.) - CSAH 128 to End of Bituminous

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 5 Year CIP Road & Bridge Construction"

**EFFECT ON OPERATING BUDGET:** A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

### PROJECT INFORMATION

**COUNTY PROJECT #:** 299098    **STATE PROJECT #:** CP 0989-299098    **ROAD #:** CR 989

**ROAD NAME:** Walsh Rd.    **BRIDGE #:** NA    **SECTION:** 26 / **TOWNSHIP:** 62 / **RANGE:** 14

**ESTIMATED COST:** \$650,001.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

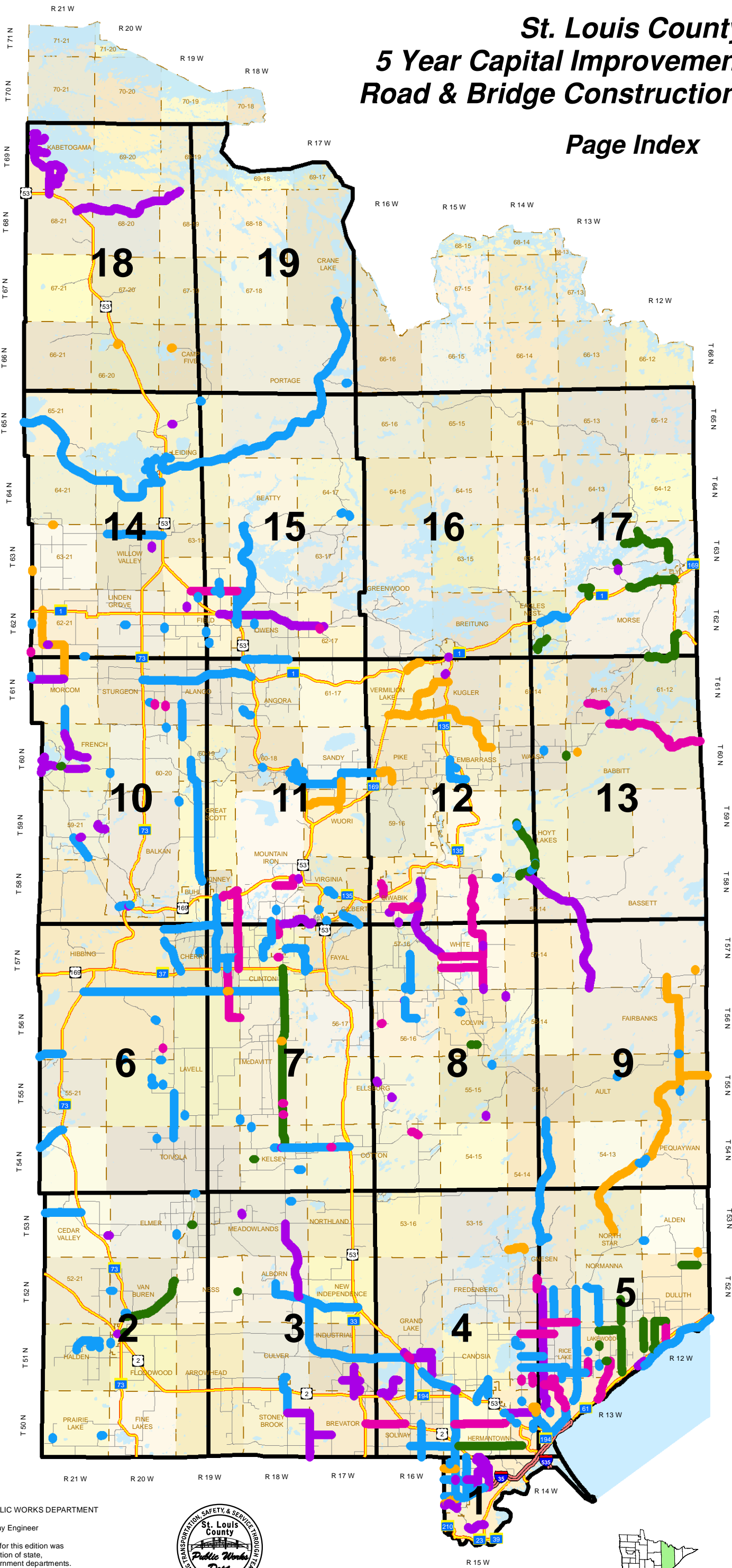
YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$650,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$650,001.00

**COST TYPE:** CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 5/31/16

# St. Louis County 5 Year Capital Improvement Plan (CIP) Road & Bridge Construction 2016 - 2020

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**Map Components**

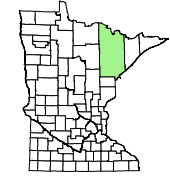
- 5 Year CIP
  - 2016
  - 2017
  - 2018
  - 2019
  - 2020
- Interstate Highway
- U.S./State Highway
- 1 Page Number
- Township Boundary

SAINT LOUIS COUNTY PUBLIC WORKS DEPARTMENT  
James T. Foldesi, P.E.  
Public Works Director/Highway Engineer

Note: The reference material for this edition was obtained through the cooperation of state, county and/or municipal government departments.

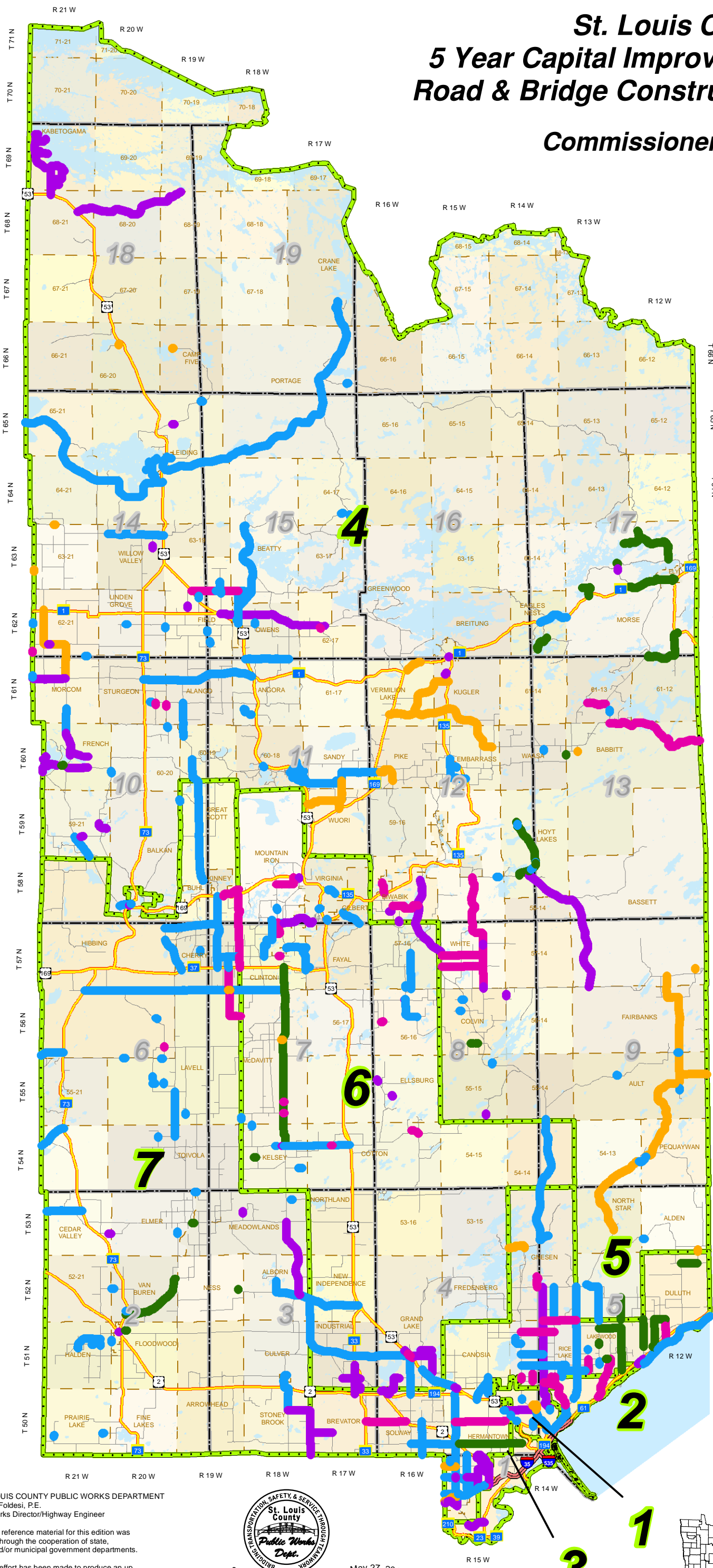
A sincere effort has been made to produce an up to date map. However, with the various sources we have to rely on, no guarantee can be made.

All voluntary input for updating our next edition will be accepted with gratitude.



# St. Louis County 5 Year Capital Improvement Plan (CIP) Road & Bridge Construction 2016 - 2020

## Commissioner Districts



- 1st District**
- Commissioner Frank Jewell  
100 N. 5th Avenue West Rm. #208  
Duluth, MN 55802  
(218) 726-2458
- 2nd District**
- Commissioner Patrick Boyle  
100 N. 5th Avenue West Rm. #208  
Duluth, MN 55802  
(218) 726-2359
- 3rd District**
- Commissioner Chris Dahlberg  
100 N. 5th Avenue West Rm. #208  
Duluth, MN 55802  
(218) 726-2562
- 4th District** 4
- Commissioner Tom Rukavina  
Government Services Center  
118 S. 4th Avenue East  
Ely, MN 55731  
(218) 365-8200
- 5th District**
- Commissioner Pete Stauber  
Vice Chair  
100 N. 5th Avenue West Rm. #208  
Duluth, MN 55802  
(218) 726-2450
- 6th District** 7 6 5
- Commissioner Keith Nelson  
Board Chair  
Virginia Courthouse  
300 S. 5th Avenue  
Virginia, MN 55792  
(218) 749-7108
- 7th District**
- Commissioner Steve Raukar  
Hibbing Courthouse  
1810 12th Avenue East  
Hibbing, MN 55746  
(218) 262-0201

**Map Components**

**5 Year CIP**

- 2016
- 2017
- 2018
- 2019
- 2020

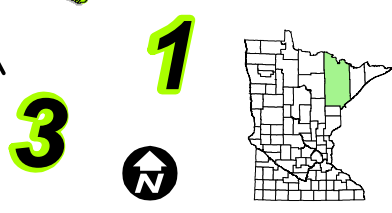
- Interstate Highway
- U.S./State Highway
- Commissioner District
- Page Number
- Township Boundary

SAINT LOUIS COUNTY PUBLIC WORKS DEPARTMENT  
James T. Foldesi, P.E.  
Public Works Director/Highway Engineer

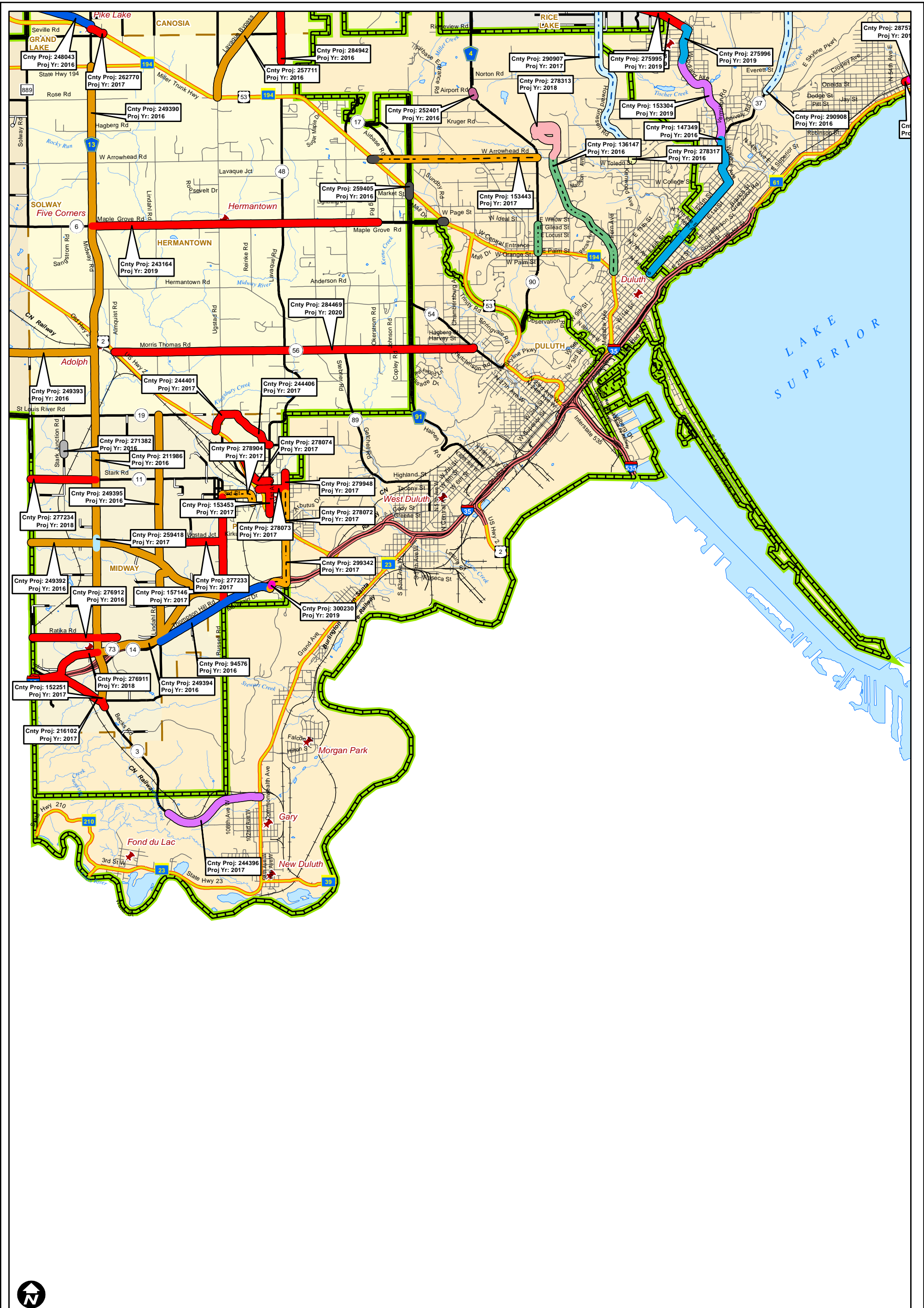
Note: The reference material for this edition was obtained through the cooperation of state, county and/or municipal government departments.

A sincere effort has been made to produce an up to date map. However, with the various sources we have to rely on, no guarantee can be made.

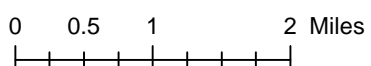
All voluntary input for updating our next edition will be accepted with gratitude.



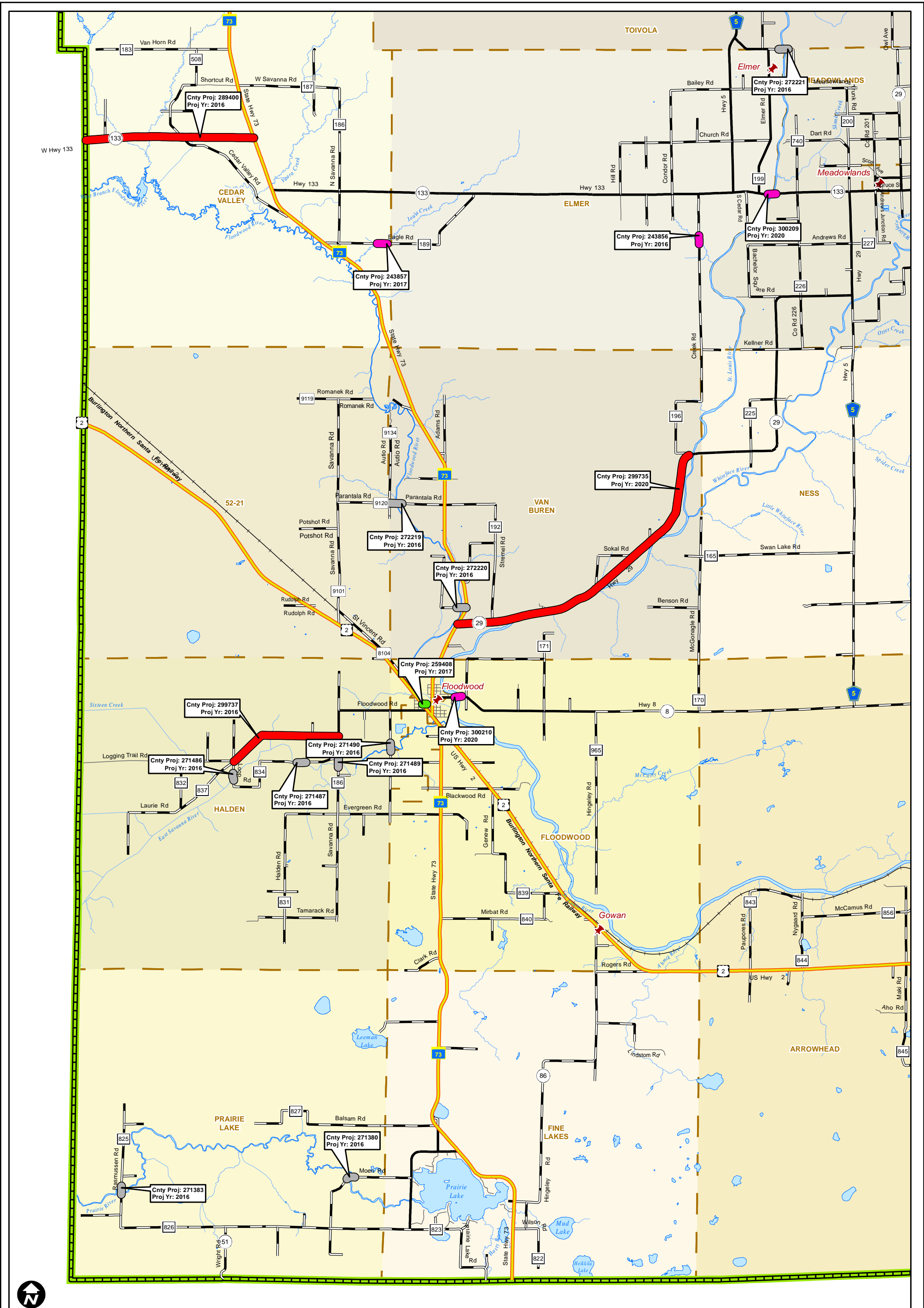




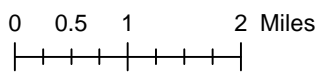
St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



Map Components			
<b>5 Year CIP: Road &amp; Bridge Construction</b>			
	2" Overlay		Culvert Replacement
	Bituminous Overlay		Double Chip Seal
	Bridge Construction		Dynamic Warning System
	Bypass Lane		GRIP
	Chip Seal		Guard Rail
	Cold In Place Recycle		Hot In Place Recycle
	Complete Rebuild		Intersection Improvements
	Complete Reconstruction		Micro Surface
			New Construction
			Ped/Bike Trail
			RR Xing Improvement
			Reclaim & Overlay
			Reconstruction
			Sag Repair
			Scrub Seal
			Sidewalk Construction
			Traffic Signals
			Interstate Highway
			U.S./State Highway
			County Road - Paved
			County Road - Gravel
			Local Road/City Street
			Railroad
			City/Town
			Commissioner District
			Township Boundary
			Lake
			River/Stream



St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



Map Components

5 Year CIP: Road & Bridge Construction

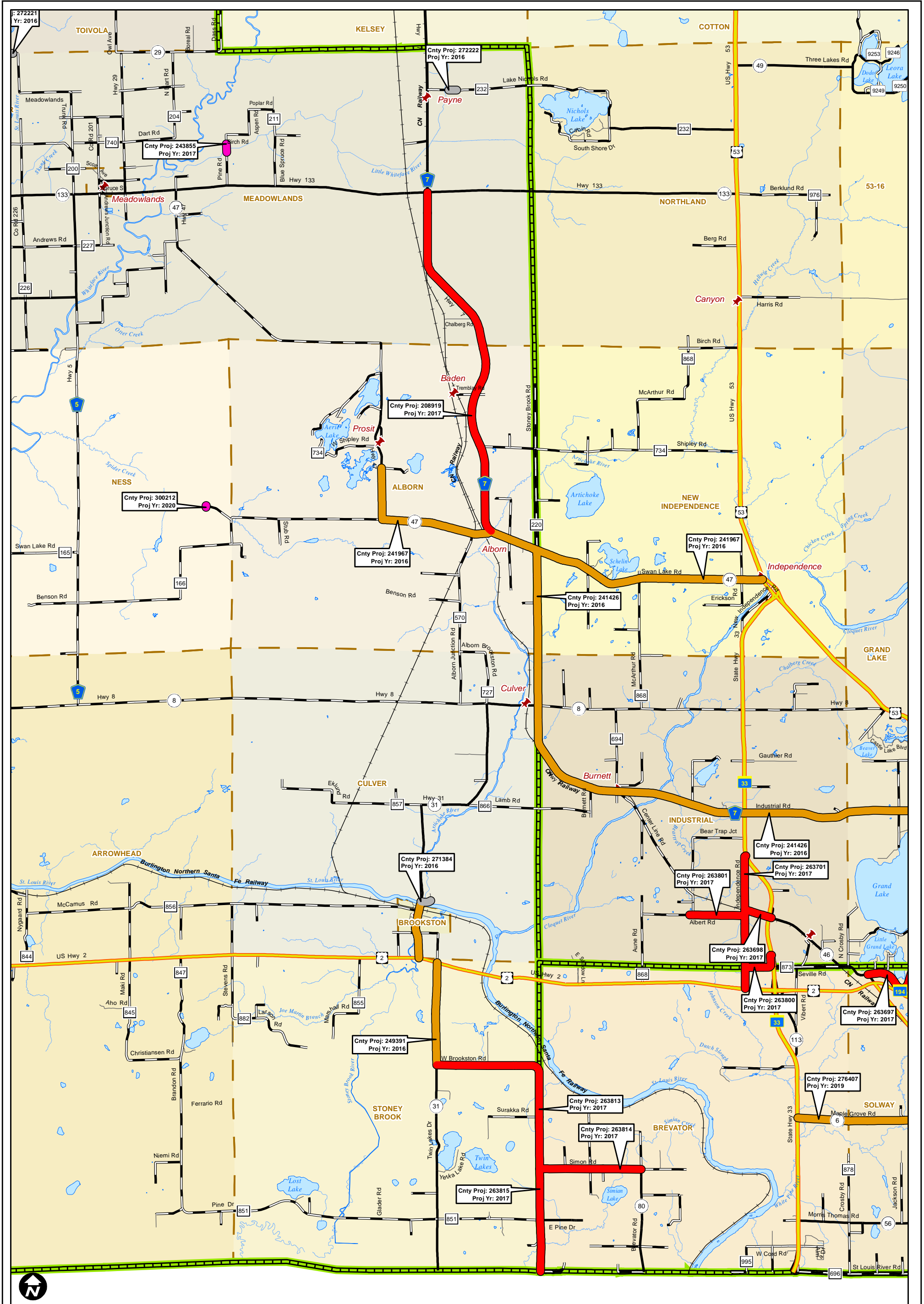
- 2" Overlay
- Bituminous Overlay
- Bridge Construction
- Bypass Lane
- Chip Seal
- Cold In Place Recycle
- Complete Rebuild
- Complete Reconstruction
- Culvert Replacement
- Double Chip Seal
- Dynamic Warning System
- GRIP
- Guard Rail
- Hot In Place Recycle
- Intersection Improvements
- Micro Surface
- Mill & Overlay
- New Construction
- Ped/Bike Trail
- RR Ring Improvement
- Reclaim & Overlay
- Reconstruction
- Sag Repair
- Scrub Seal
- Sidewalk Construction
- Traffic Signals

- Interstate Highway
- U.S./State Highway
- County Road - Paved
- County Road - Gravel
- Local Road/City Street
- Railroad
- ★ City/Town

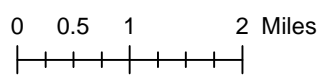
- Commissioner District
- Township Boundary
- Lake
- River/Stream







St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020

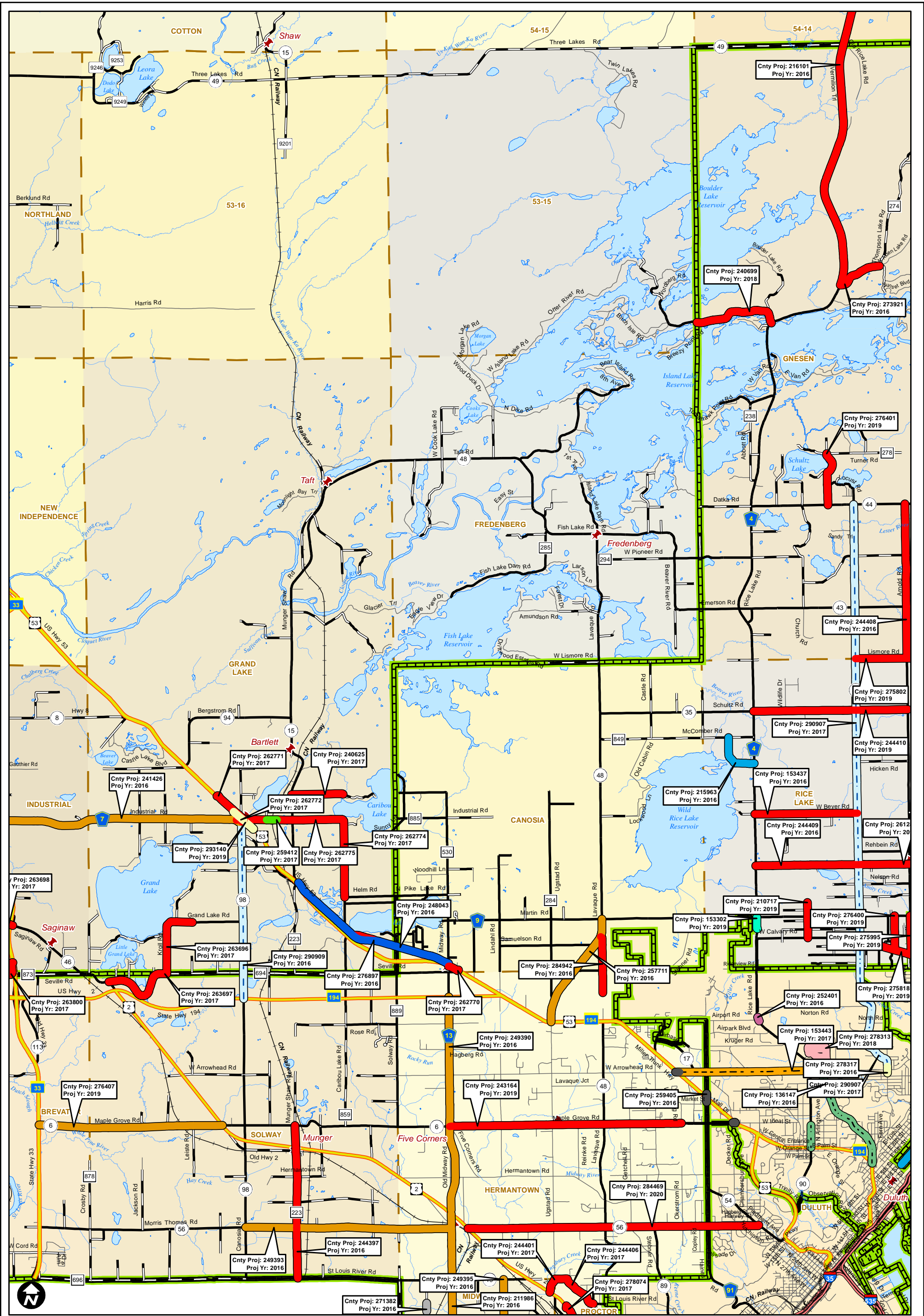


Map Components

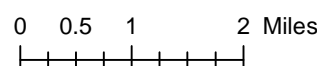
- 5 Year CIP: Road & Bridge Construction**
- 2" Overlay
  - Bituminous Overlay
  - Bridge Construction
  - Bypass Lane
  - Chip Seal
  - Cold In Place Recycle
  - Complete Rebuild
  - Complete Reconstruction
  - Culvert Replacement
  - Double Chip Seal
  - Dynamic Warning System
  - GRIP
  - Guard Rail
  - Hot In Place Recycle
  - Intersection Improvements
  - Micro Surface
  - Mill & Overlay

- New Construction
- Ped/Bike Trail
- RR Xing Improvement
- Reclaim & Overlay
- Reconstruction
- Sag Repair
- Scrub Seal
- Sidewalk Construction
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- U.S./State Highway
- County Road - Paved
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- Railroad
- City/Town
- Commissioner District
- Township Boundary
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- River/Stream

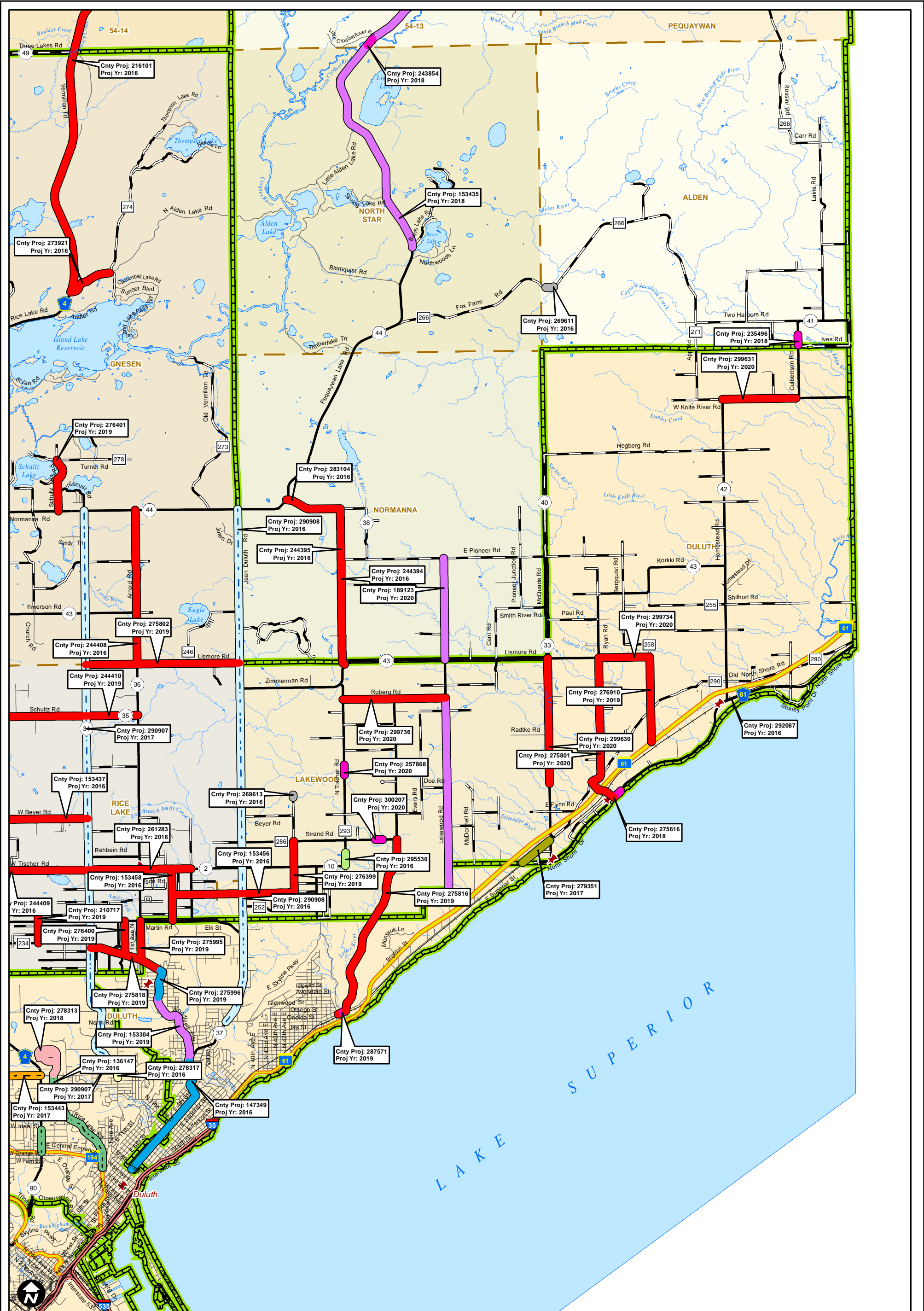


St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020

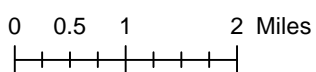


Map Components			
5 Year CIP: Road & Bridge Construction	Culvert Replacement	New Construction	Interstate Highway
2" Overlay	Double Chip Seal	Ped/Bike Trail	U.S./State Highway
Bituminous Overlay	Dynamic Warning System	RR Xing Improvement	County Road - Paved
Bridge Construction	GRIP	Reclaim & Overlay	County Road - Gravel
Bypass Lane	Guard Rail	Reconstruction	Local Road/City Street
Chip Seal	Hot In Place Recycle	Sag Repair	Railroad
Cold In Place Recycle	Intersection Improvements	Scrub Seal	City/Town
Complete Rebuild	Micro Surface	Sidewalk Construction	Lake
Complete Reconstruction	Mill & Overlay	Traffic Signals	River/Stream
			Commissioner District
			Township Boundary





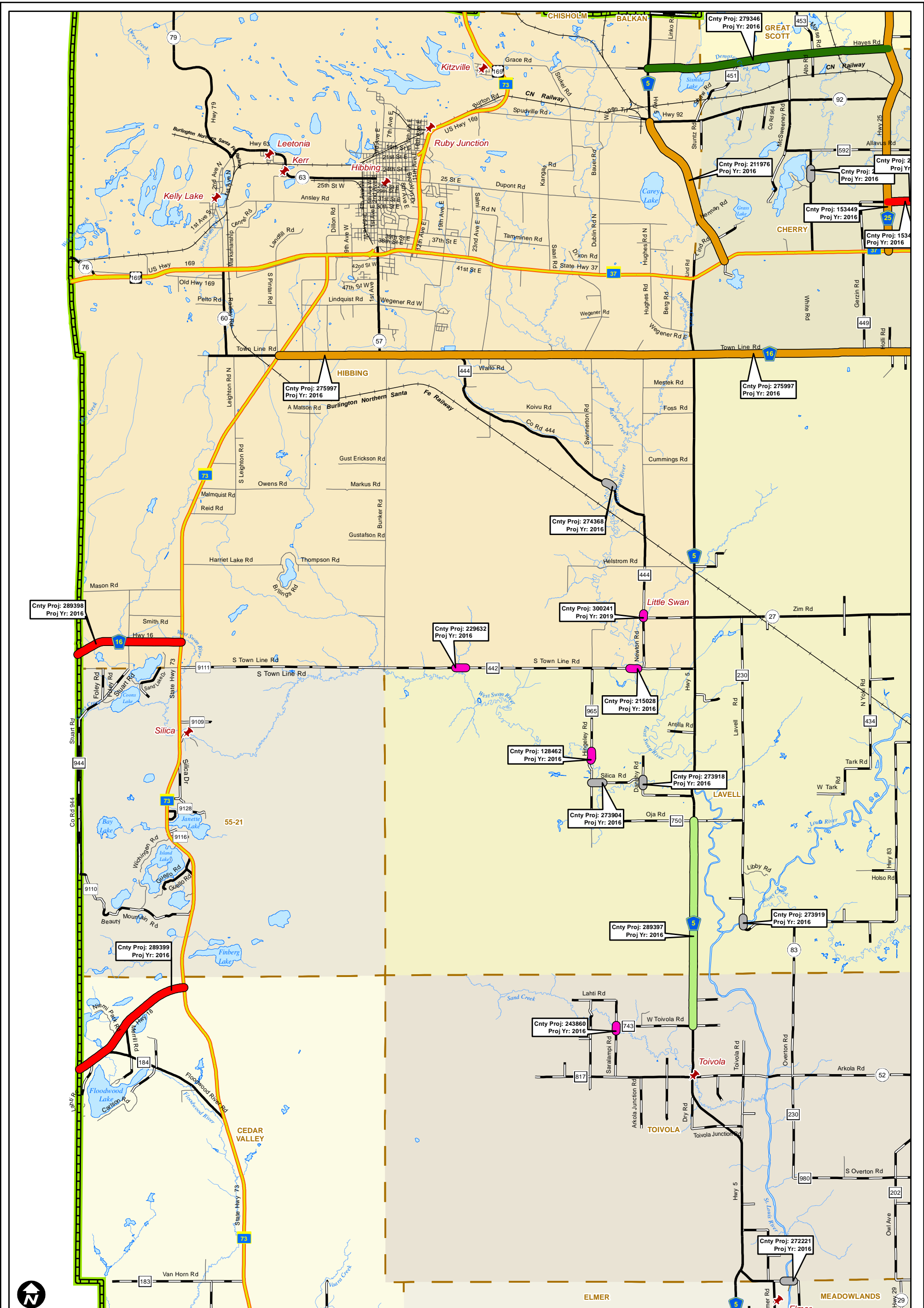
St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



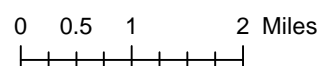
Map Components

5 Year CIP: Road & Bridge Construction		Other Components	
2" Overlay	Green	Culvert Replacement	New Construction
Bituminous Overlay	Light Green	Double Chip Seal	Ped/Bike Trail
Bridge Construction	Pink	Dynamic Warning System	RR Xing Improvement
Bypass Lane	Light Blue	GRIP	Reclaim & Overlay
Chip Seal	Light Purple	Guard Rail	Reconstruction
Cold In Place Recycle	Light Green	Hot In Place Recycle	Sag Repair
Complete Rebuild	Light Purple	Intersection Improvements	Scrub Seal
Complete Reconstruction	Light Purple	Micro Surface	Sidewalk Construction
		Mill & Overlay	Traffic Signals
			Interstate Highway
			U.S./State Highway
			County Road - Paved
			County Road - Gravel
			Local Road/City Street
			Railroad
			City/Town
			Commissioner District
			Township Boundary
			Lake
			River/Stream

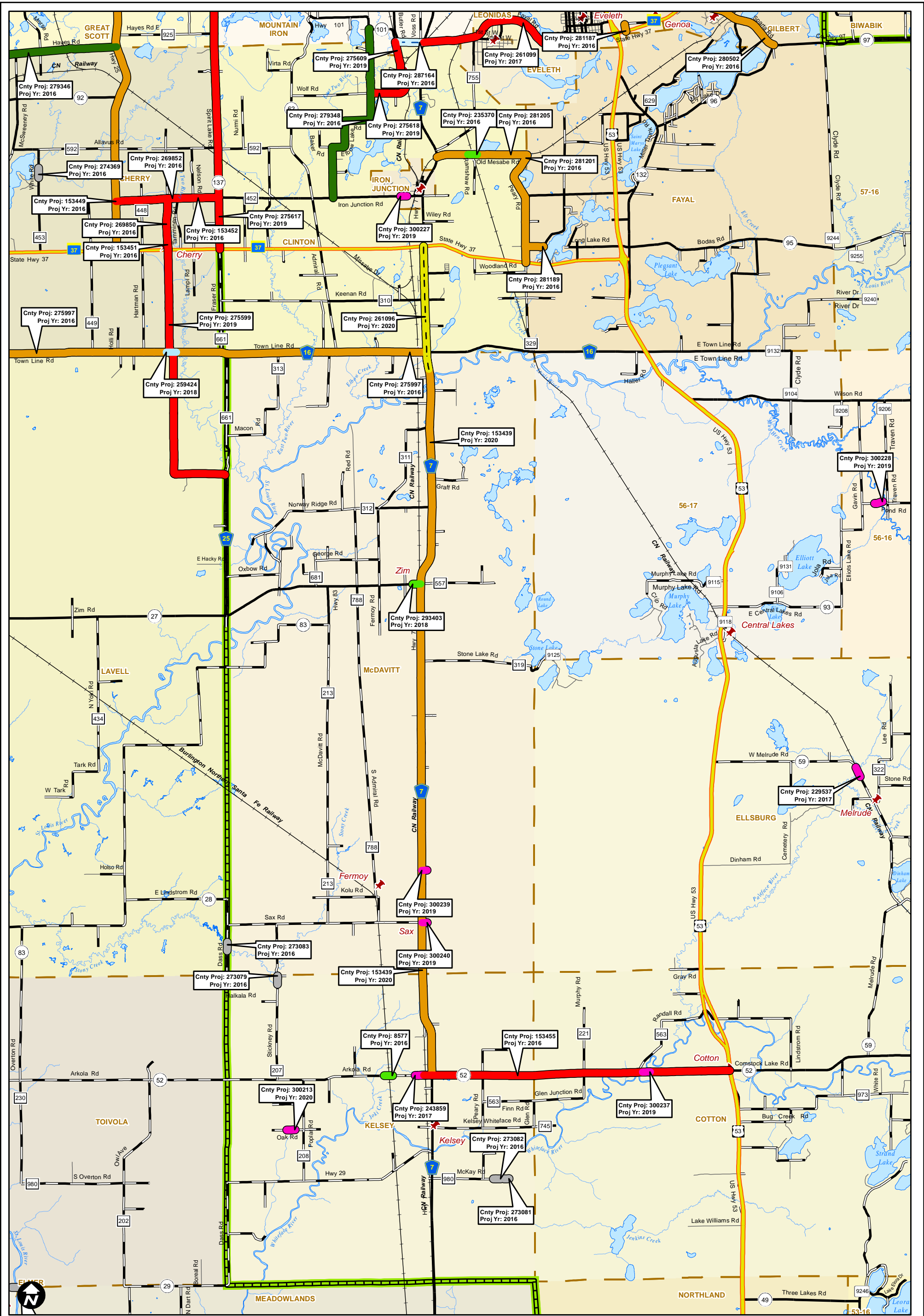




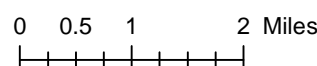
St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



Map Components			
<b>5 Year CIP: Road &amp; Bridge Construction</b>			
	2" Overlay		Culvert Replacement
	Bituminous Overlay		Double Chip Seal
	Bridge Construction		Dynamic Warning System
	Bypass Lane		GRIP
	Chip Seal		Guard Rail
	Cold In Place Recycle		Hot In Place Recycle
	Complete Rebuild		Intersection Improvements
	Complete Reconstruction		Micro Surface
			Mill & Overlay
	New Construction		Ped/Bike Trail
	RR Xing Improvement		Reclaim & Overlay
	Reconstruction		Sag Repair
	Scrub Seal		Sidewalk Construction
	Sidewalk Construction		Traffic Signals
	Traffic Signals		Interstate Highway
	Commissioner District		U.S./State Highway
	Township Boundary		County Road - Paved
	Lake		County Road - Gravel
	River/Stream		Local Road/City Street
	City/Town		Railroad

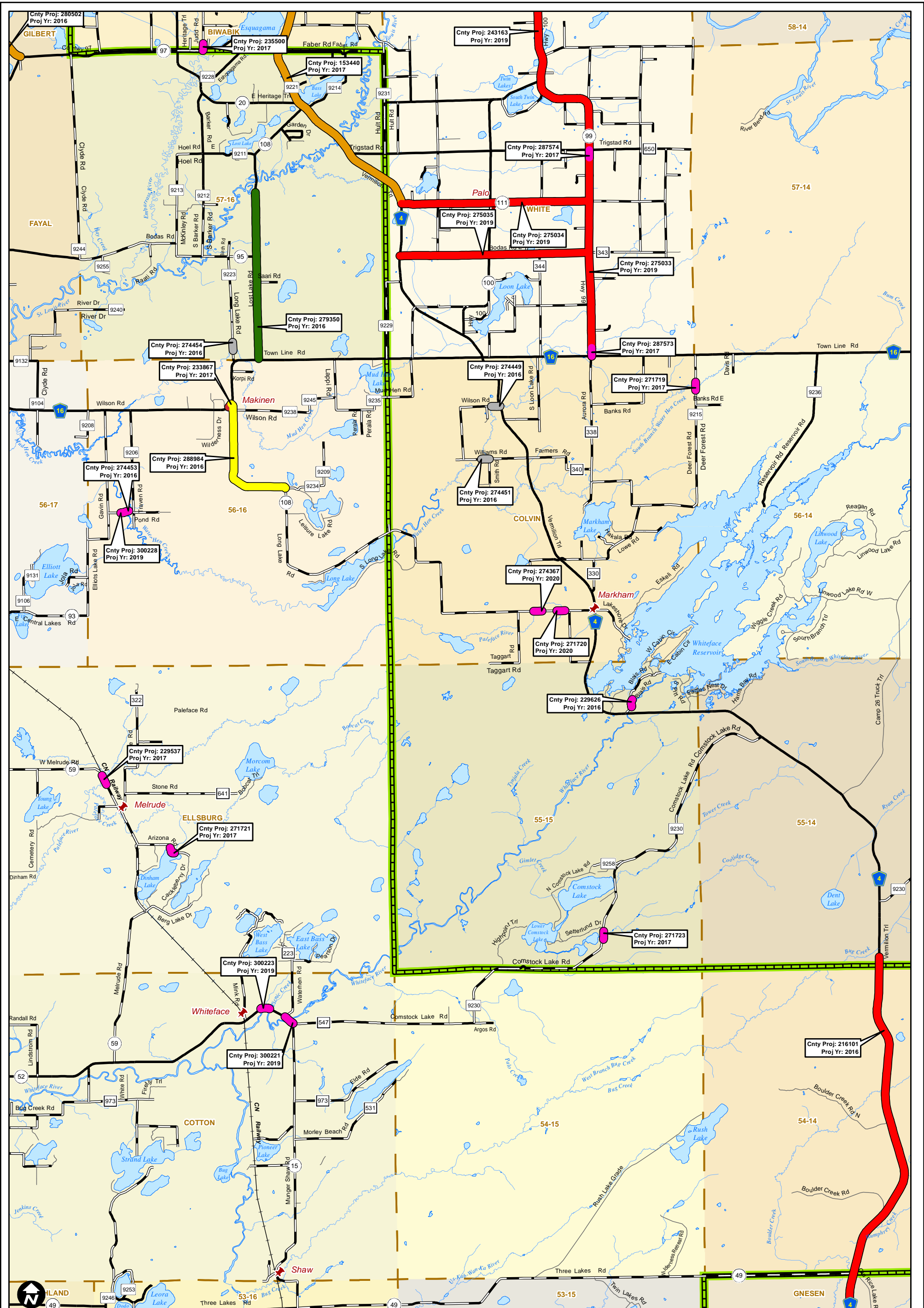


St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020

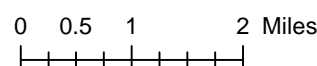


Map Components			
5 Year CIP: Road & Bridge Construction	Culvert Replacement	New Construction	Interstate Highway
2" Overlay	Double Chip Seal	Ped/Bike Trail	U.S./State Highway
Bituminous Overlay	Dynamic Warning System	RR Xing Improvement	County Road - Paved
Bridge Construction	GRIP	Reclaim & Overlay	County Road - Gravel
Bypass Lane	Guard Rail	Reconstruction	Local Road/City Street
Chip Seal	Hot In Place Recycle	Sag Repair	Railroad
Cold In Place Recycle	Intersection Improvements	Scrub Seal	City/Town
Complete Rebuild	Micro Surface	Sidewalk Construction	Lake
Complete Reconstruction	Mill & Overlay	Traffic Signals	River/Stream
			Commissioner District
			Township Boundary

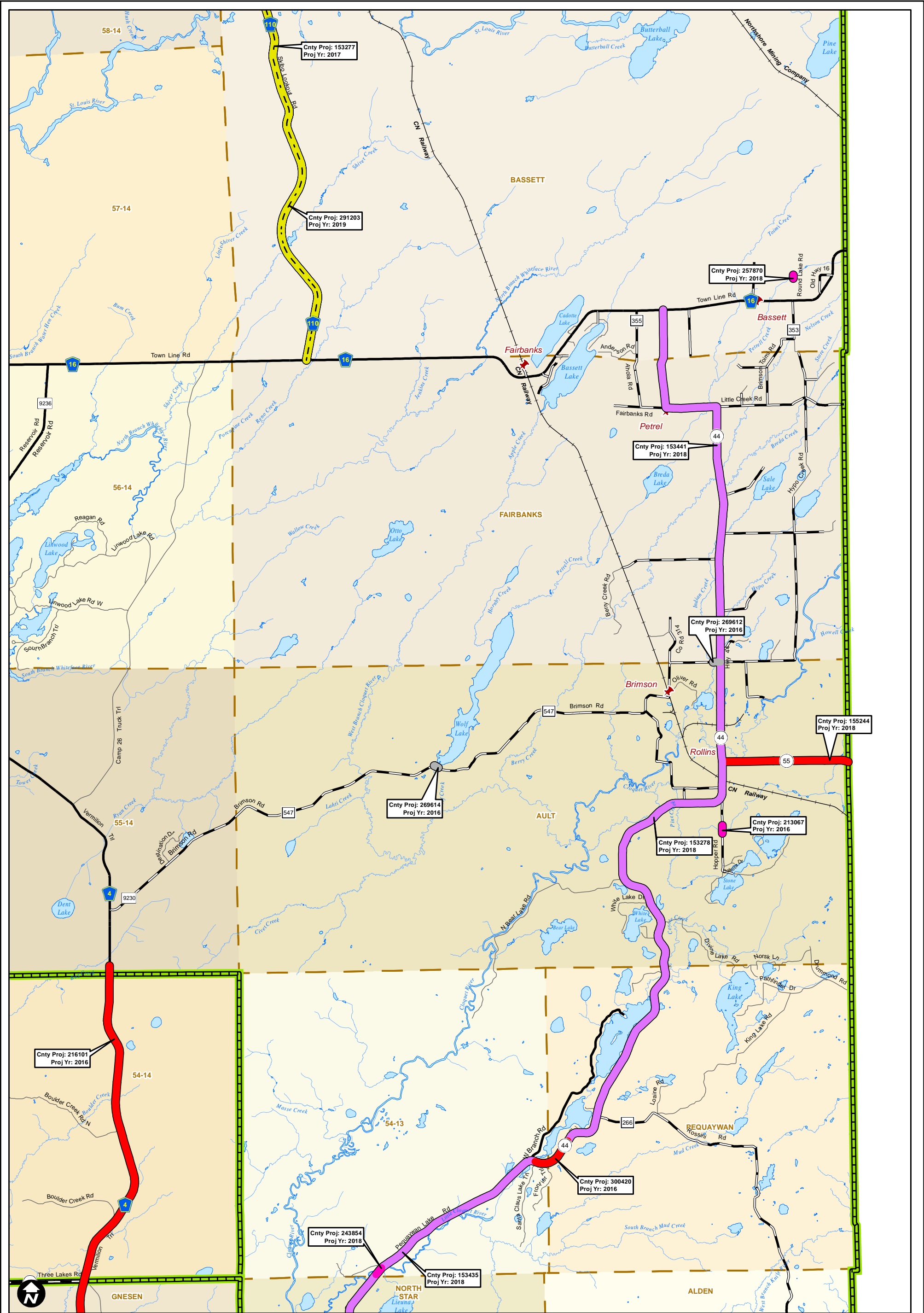




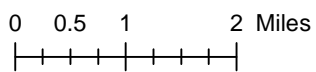
St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



Map Components			
<b>5 Year CIP: Road &amp; Bridge Construction</b>	<ul style="list-style-type: none"> <li>2" Overlay</li> <li>Bituminous Overlay</li> <li>Bridge Construction</li> <li>Bypass Lane</li> <li>Chip Seal</li> <li>Cold In Place Recycle</li> <li>Complete Rebuild</li> <li>Complete Reconstruction</li> </ul>	<ul style="list-style-type: none"> <li>Culvert Replacement</li> <li>Double Chip Seal</li> <li>Dynamic Warning System</li> <li>GRIP</li> <li>Guard Rail</li> <li>Hot In Place Recycle</li> <li>Intersection Improvements</li> <li>Micro Surface</li> <li>Mill &amp; Overlay</li> </ul>	<ul style="list-style-type: none"> <li>New Construction</li> <li>Ped/Bike Trail</li> <li>RR Xing Improvement</li> <li>Reclaim &amp; Overlay</li> <li>Reconstruction</li> <li>Sag Repair</li> <li>Scrub Seal</li> <li>Sidewalk Construction</li> <li>Traffic Signals</li> </ul>
			<ul style="list-style-type: none"> <li>Interstate Highway</li> <li>U.S./State Highway</li> <li>County Road - Paved</li> <li>County Road - Gravel</li> <li>Local Road/City Street</li> <li>Railroad</li> <li>City/Town</li> </ul>
			<ul style="list-style-type: none"> <li>Commissioner District</li> <li>Township Boundary</li> <li>Lake</li> <li>River/Stream</li> </ul>



St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



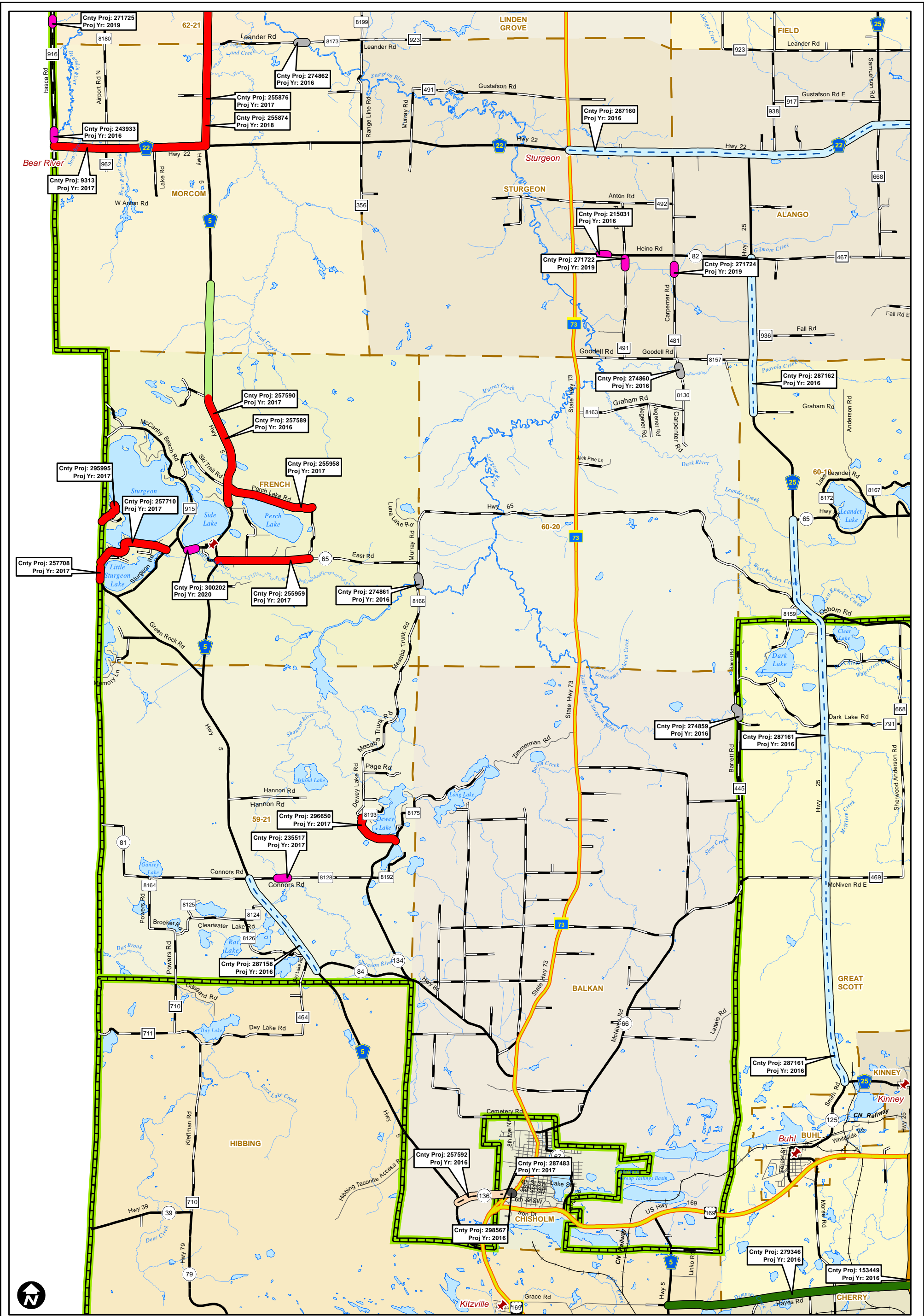
Map Components

- 5 Year CIP: Road & Bridge Construction**
- Yellow: 2" Overlay
  - Cyan: Bituminous Overlay
  - Pink: Bridge Construction
  - Light Blue: Bypass Lane
  - Orange: Chip Seal
  - Blue: Cold In Place Recycle
  - Purple: Complete Rebuild
  - Red: Complete Reconstruction
  - Green: Culvert Replacement
  - Light Green: Double Chip Seal
  - Light Blue: Dynamic Warning System
  - Dark Green: GRIP
  - Grey: Guard Rail
  - Yellow: Hot In Place Recycle
  - Light Green: Intersection Improvements
  - Purple: Micro Surface
  - Orange: Mill & Overlay

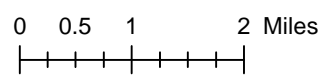
- Pink: New Construction
- Green: Ped/Bike Trail
- Light Green: RR Xing Improvement
- Red: Reclaim & Overlay
- Blue: Reconstruction
- Red: Sag Repair
- Light Blue: Scrub Seal
- Green: Sidewalk Construction
- Black: Traffic Signals

- Red: Interstate Highway
- Black: U.S./State Highway
- Black: County Road - Paved
- Black: County Road - Gravel
- Black: Local Road/City Street
- Black: Railroad
- Red Star: City/Town
- Green Square: Commissioner District
- Orange Square: Township Boundary
- Blue: Lake
- Blue Line: River/Stream

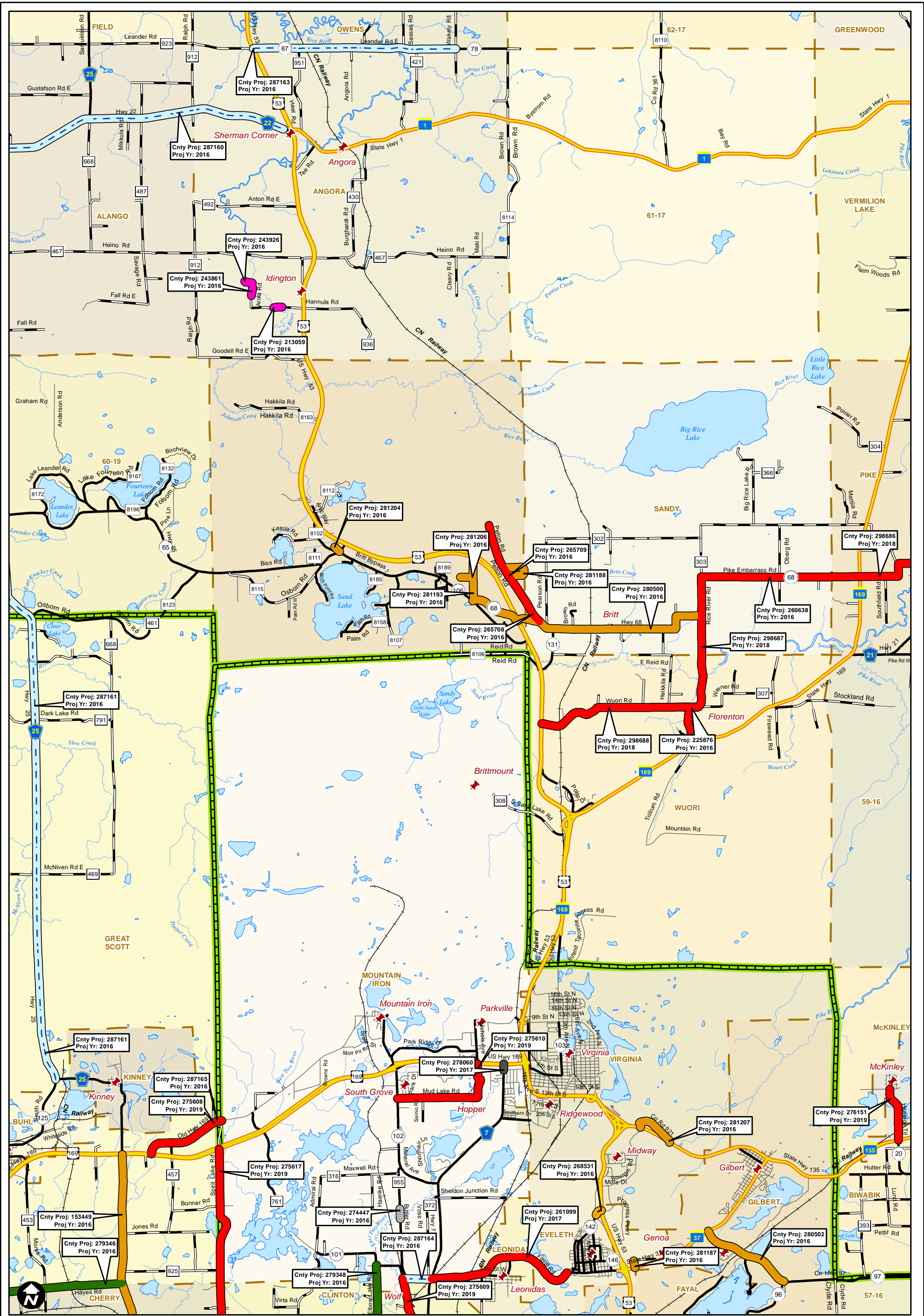




St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



Map Components			
<b>5 Year CIP: Road &amp; Bridge Construction</b>	<ul style="list-style-type: none"> <li>2" Overlay</li> <li>Bituminous Overlay</li> <li>Bridge Construction</li> <li>Bypass Lane</li> <li>Chip Seal</li> <li>Cold In Place Recycle</li> <li>Complete Rebuild</li> <li>Complete Reconstruction</li> </ul>	<ul style="list-style-type: none"> <li>Culvert Replacement</li> <li>Double Chip Seal</li> <li>Dynamic Warning System</li> <li>GRIP</li> <li>Guard Rail</li> <li>Hot In Place Recycle</li> <li>Intersection Improvements</li> <li>Micro Surface</li> <li>Mill &amp; Overlay</li> </ul>	<ul style="list-style-type: none"> <li>New Construction</li> <li>Ped/Bike Trail</li> <li>RR Ring Improvement</li> <li>Reclaim &amp; Overlay</li> <li>Reconstruction</li> <li>Sag Repair</li> <li>Scrub Seal</li> <li>Sidewalk Construction</li> <li>Traffic Signals</li> </ul>
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			<ul style="list-style-type: none"> <li>Commissioner District</li> <li>Township Boundary</li> <li>Lake</li> <li>River/Stream</li> </ul>



St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020

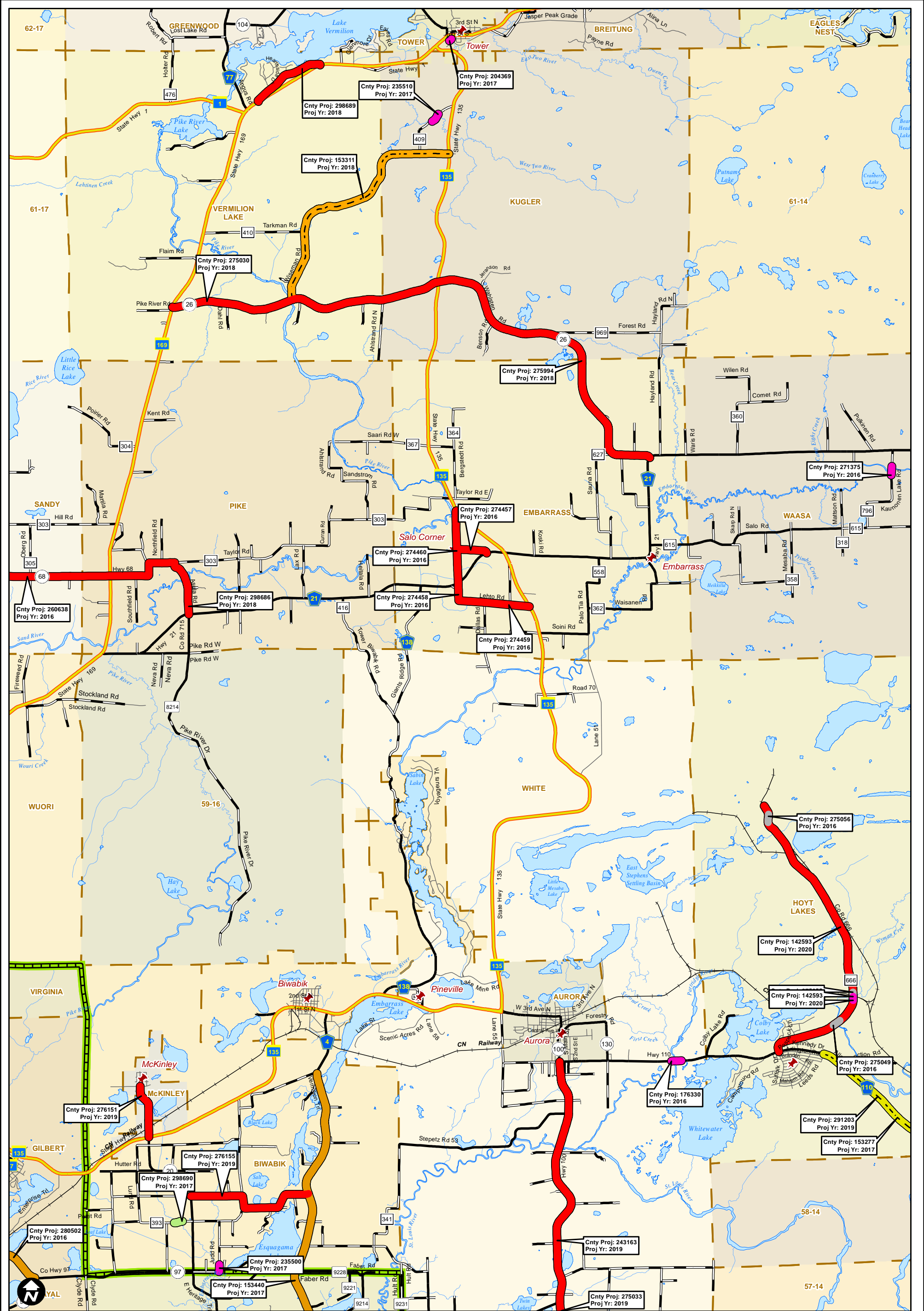


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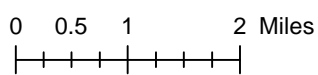
Map Components

- |   |   |  |  |  |
|---|---|--|--|--|
| <ul style="list-style-type: none"> <li>5 Year CIP: Road &amp; Bridge Construction</li> <li>2" Overlay</li> <li>Bituminous Overlay</li> <li>Bridge Construction</li> <li>Bypass Lane</li> <li>Chip Seal</li> <li>Cold In Place Recycle</li> <li>Complete Rebuild</li> <li>Complete Reconstruction</li> </ul> | <ul style="list-style-type: none"> <li>Culvert Replacement</li> <li>Double Chip Seal</li> <li>Dynamic Warning System</li> <li>GRIP</li> <li>Guard Rail</li> <li>Hot In Place Recycle</li> <li>Intersection Improvements</li> <li>Micro Surface</li> <li>Mill &amp; Overlay</li> </ul> | <ul style="list-style-type: none"> <li>New Construction</li> <li>Ped/Bike Trail</li> <li>RR Xing Improvement</li> <li>Reclaim &amp; Overlay</li> <li>Reconstruction</li> <li>Sag Repair</li> <li>Scrub Seal</li> <li>Sidewalk Construction</li> <li>Traffic Signals</li> </ul> | <ul style="list-style-type: none"> <li>Interstate Highway</li> <li>U.S./State Highway</li> <li>County Road - Paved</li> <li>County Road - Gravel</li> <li>Local Road/City Street</li> <li>Railroad</li> <li>City/Town</li> </ul> | <ul style="list-style-type: none"> <li>Commissioner District</li> <li>Township Boundary</li> <li>Lake</li> <li>River/Stream</li> </ul> |
|---|---|--|--|--|





St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020

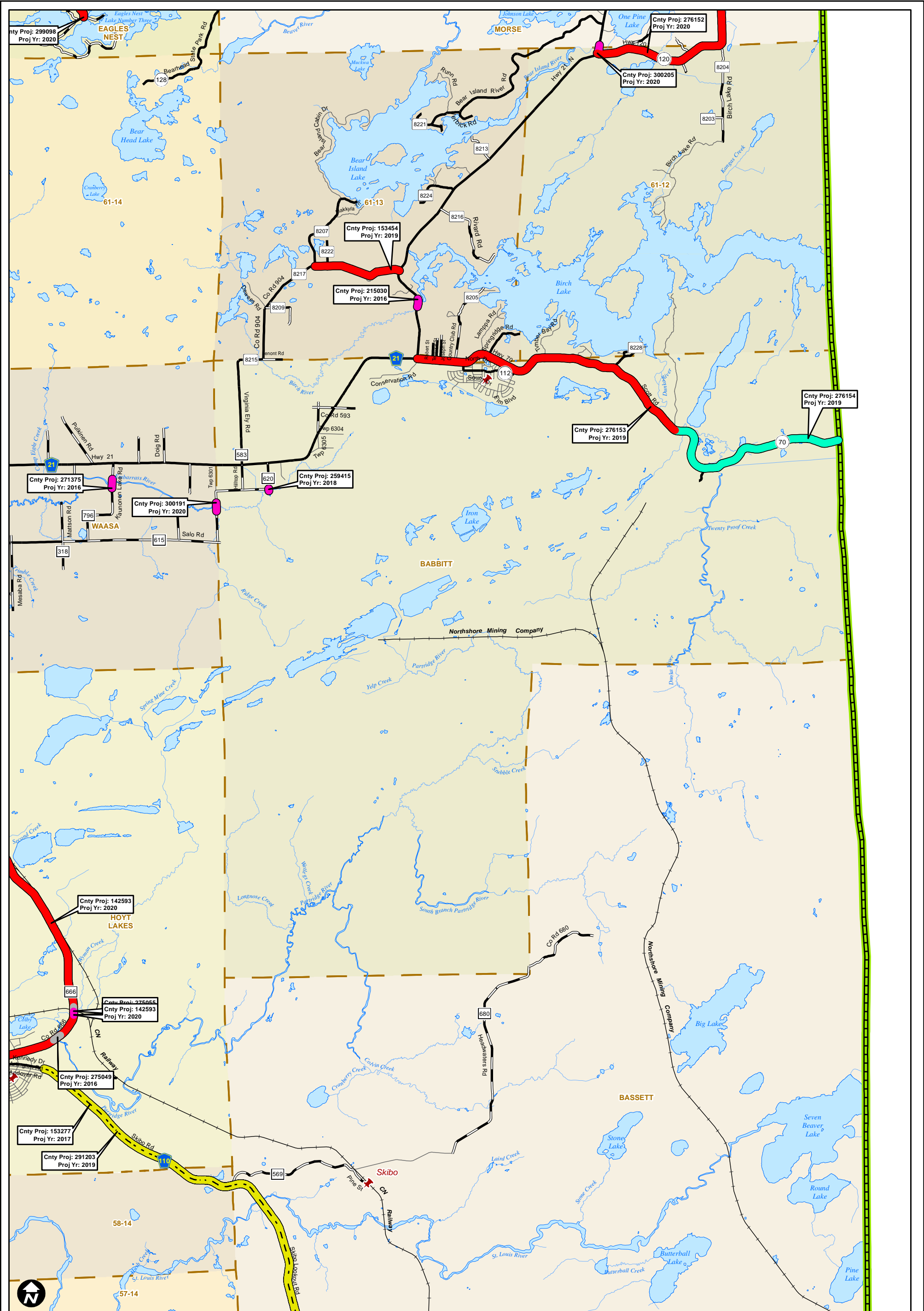


Map Components

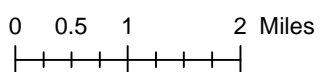
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  - Complete Reconstruction
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  - Dynamic Warning System
  - GRIP
  - Guard Rail
  - Hot In Place Recycle
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  - Micro Surface
  - Mill & Overlay

- New Construction
- Ped/Bike Trail
- RR Xing Improvement
- Reclaim & Overlay
- Reconstruction
- Sag Repair
- Scrub Seal
- Sidewalk Construction
- Traffic Signals

- Interstate Highway
- U.S./State Highway
- County Road - Paved
- County Road - Gravel
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- City/Town
- Commissioner District
- Township Boundary
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- River/Stream



St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



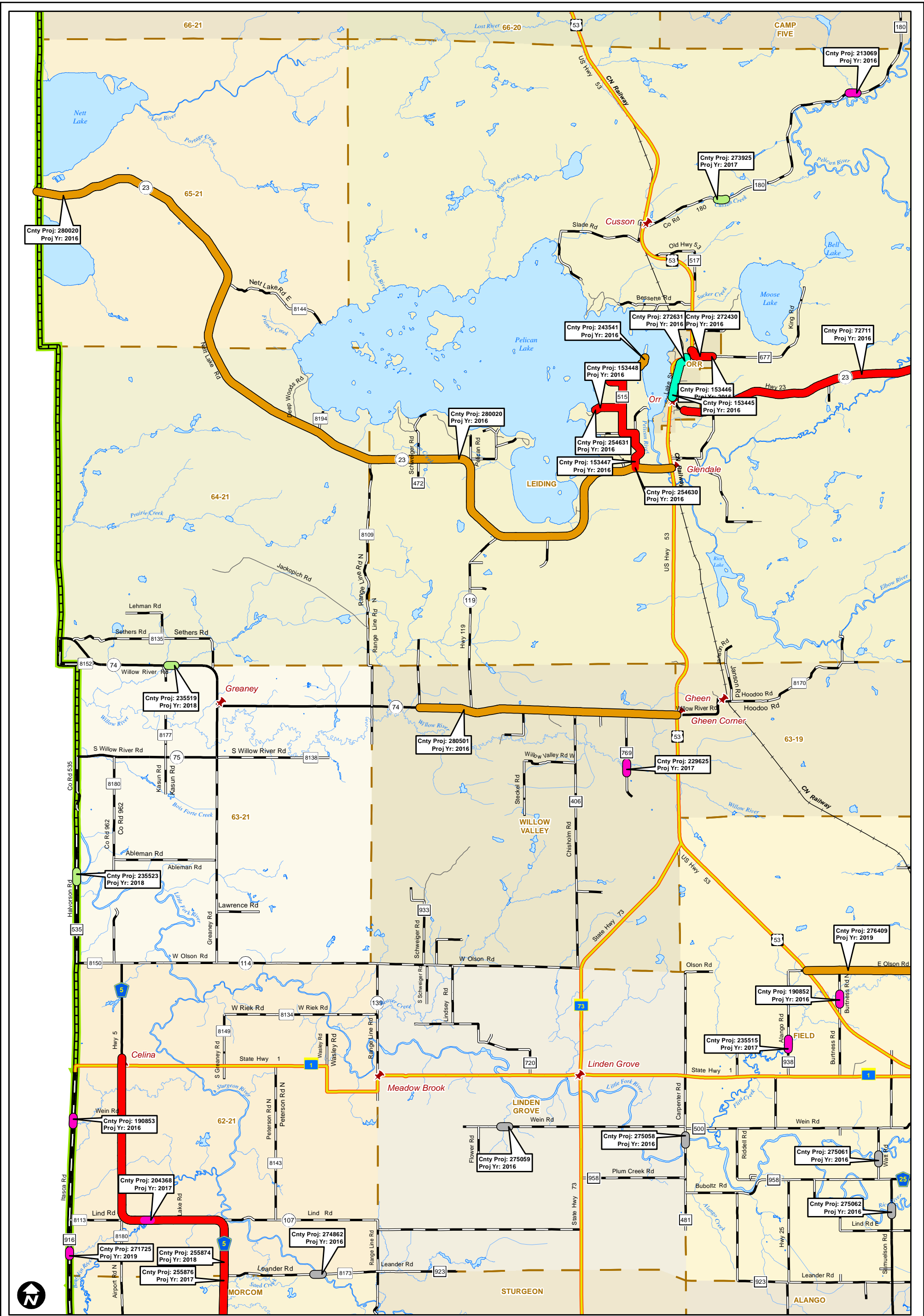
Map Components

- 5 Year CIP: Road & Bridge Construction**
- 2" Overlay
  - Bituminous Overlay
  - Bridge Construction
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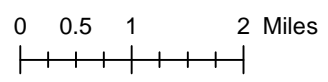
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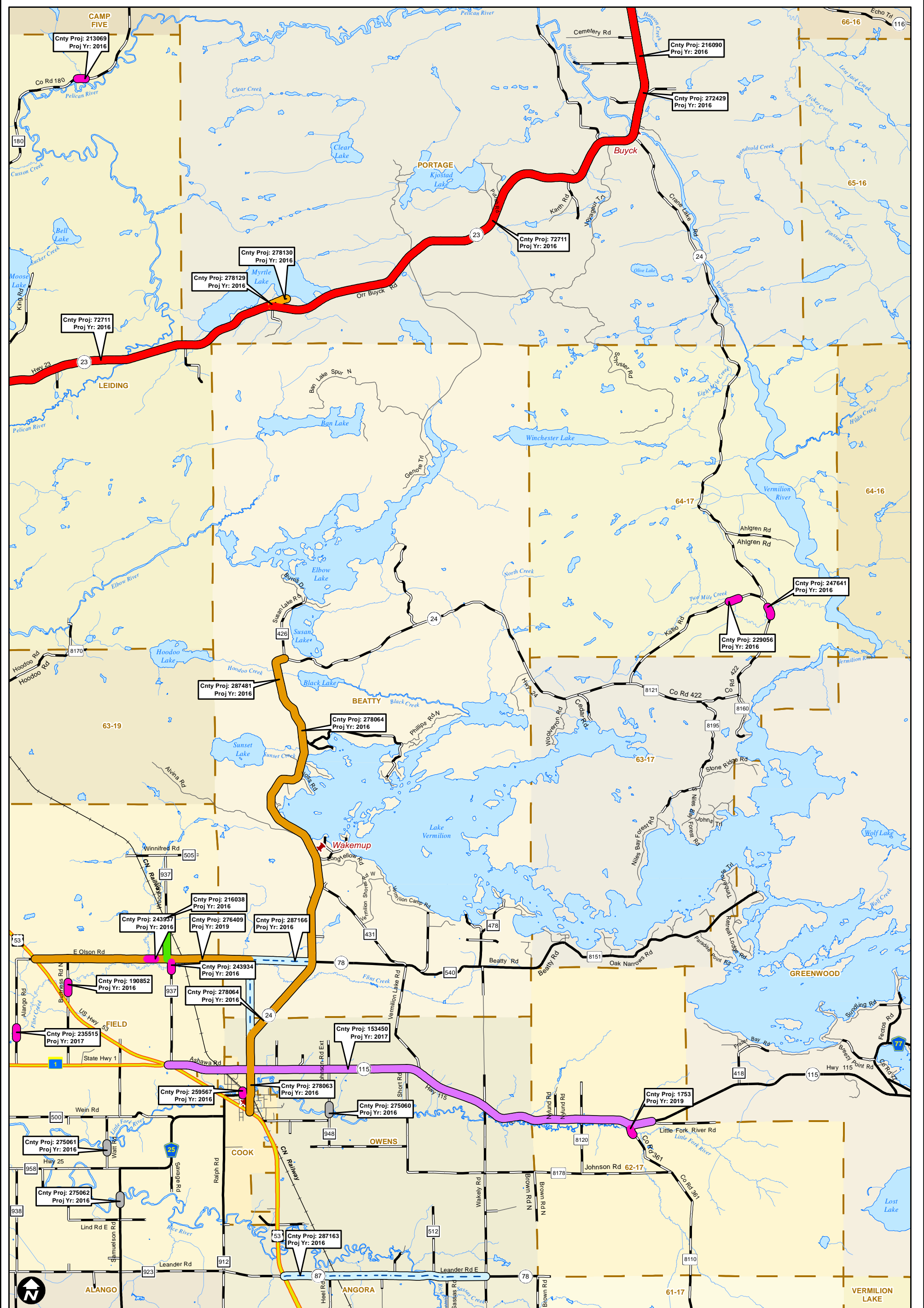




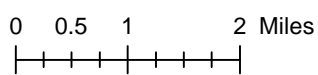
St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



Map Components			
<b>5 Year CIP: Road &amp; Bridge Construction</b>	<ul style="list-style-type: none"> <li>2" Overlay</li> <li>Bituminous Overlay</li> <li>Bridge Construction</li> <li>Bypass Lane</li> <li>Chip Seal</li> <li>Cold In Place Recycle</li> <li>Complete Rebuild</li> <li>Complete Reconstruction</li> </ul>	<ul style="list-style-type: none"> <li>Culvert Replacement</li> <li>Double Chip Seal</li> <li>Dynamic Warning System</li> <li>GRIP</li> <li>Guard Rail</li> <li>Hot In Place Recycle</li> <li>Intersection Improvements</li> <li>Micro Surface</li> <li>Mill &amp; Overlay</li> </ul>	<ul style="list-style-type: none"> <li>New Construction</li> <li>Ped/Bike Trail</li> <li>RR Xing Improvement</li> <li>Reclaim &amp; Overlay</li> <li>Reconstruction</li> <li>Sag Repair</li> <li>Scrub Seal</li> <li>Sidewalk Construction</li> <li>Traffic Signals</li> </ul>
		<ul style="list-style-type: none"> <li>Interstate Highway</li> <li>U.S./State Highway</li> <li>County Road - Paved</li> <li>County Road - Gravel</li> <li>Local Road/City Street</li> <li>Railroad</li> <li>City/Town</li> </ul>	<ul style="list-style-type: none"> <li>Commissioner District</li> <li>Township Boundary</li> <li>Lake</li> <li>River/Stream</li> </ul>



St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



Map Components

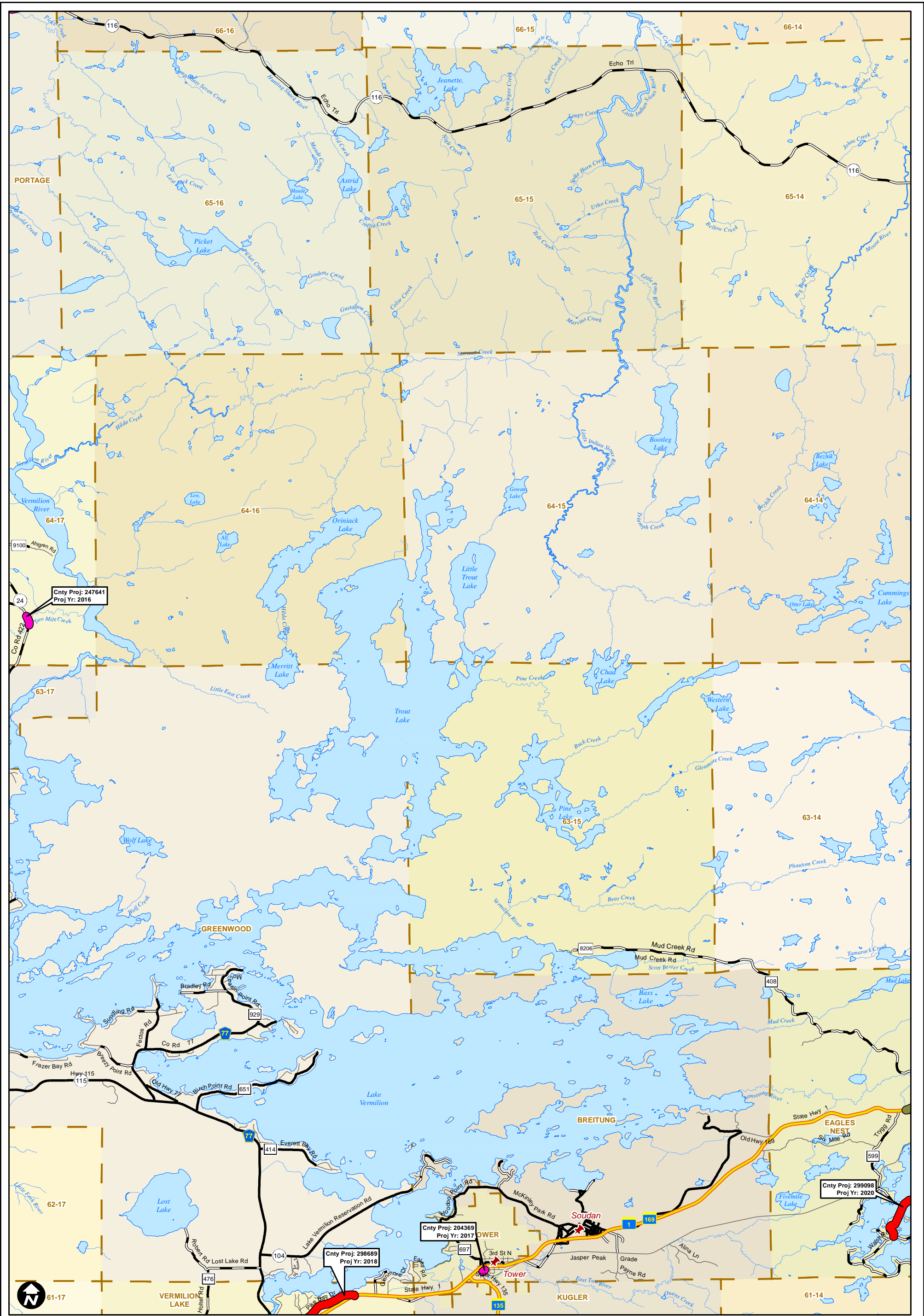
5 Year CIP: Road & Bridge Construction

- 2" Overlay
- Bituminous Overlay
- Bridge Construction
- Bypass Lane
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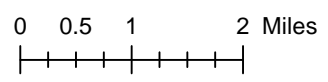
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- Lake
- River/Stream

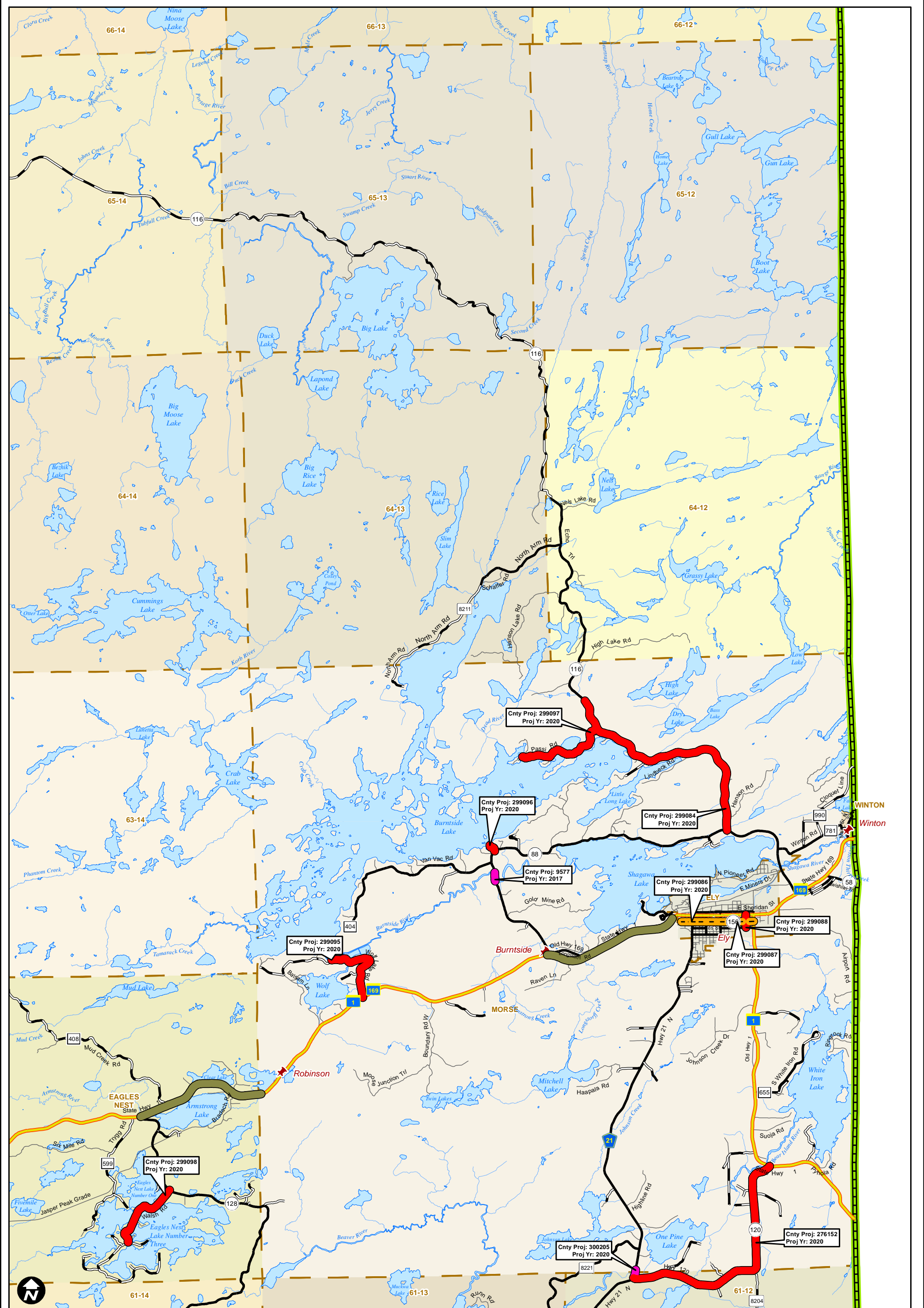




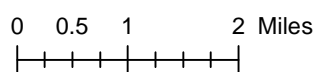
St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



Map Components			
<b>5 Year CIP: Road &amp; Bridge Construction</b>			
	2" Overlay		Culvert Replacement
	Bituminous Overlay		Double Chip Seal
	Bridge Construction		Dynamic Warning System
	Bypass Lane		GRIP
	Chip Seal		Guard Rail
	Cold In Place Recycle		Hot In Place Recycle
	Complete Rebuild		Intersection Improvements
	Complete Reconstruction		Micro Surface
			Mill & Overlay
			New Construction
			Ped/Bike Trail
			RR Xing Improvement
			Reclaim & Overlay
			Sag Repair
			Scrub Seal
			Sidewalk Construction
			Traffic Signals
			Interstate Highway
			U.S./State Highway
			County Road - Paved
			County Road - Gravel
			Local Road/City Street
			Railroad
			City/Town
			Commissioner District
			Township Boundary
			Lake
			River/Stream



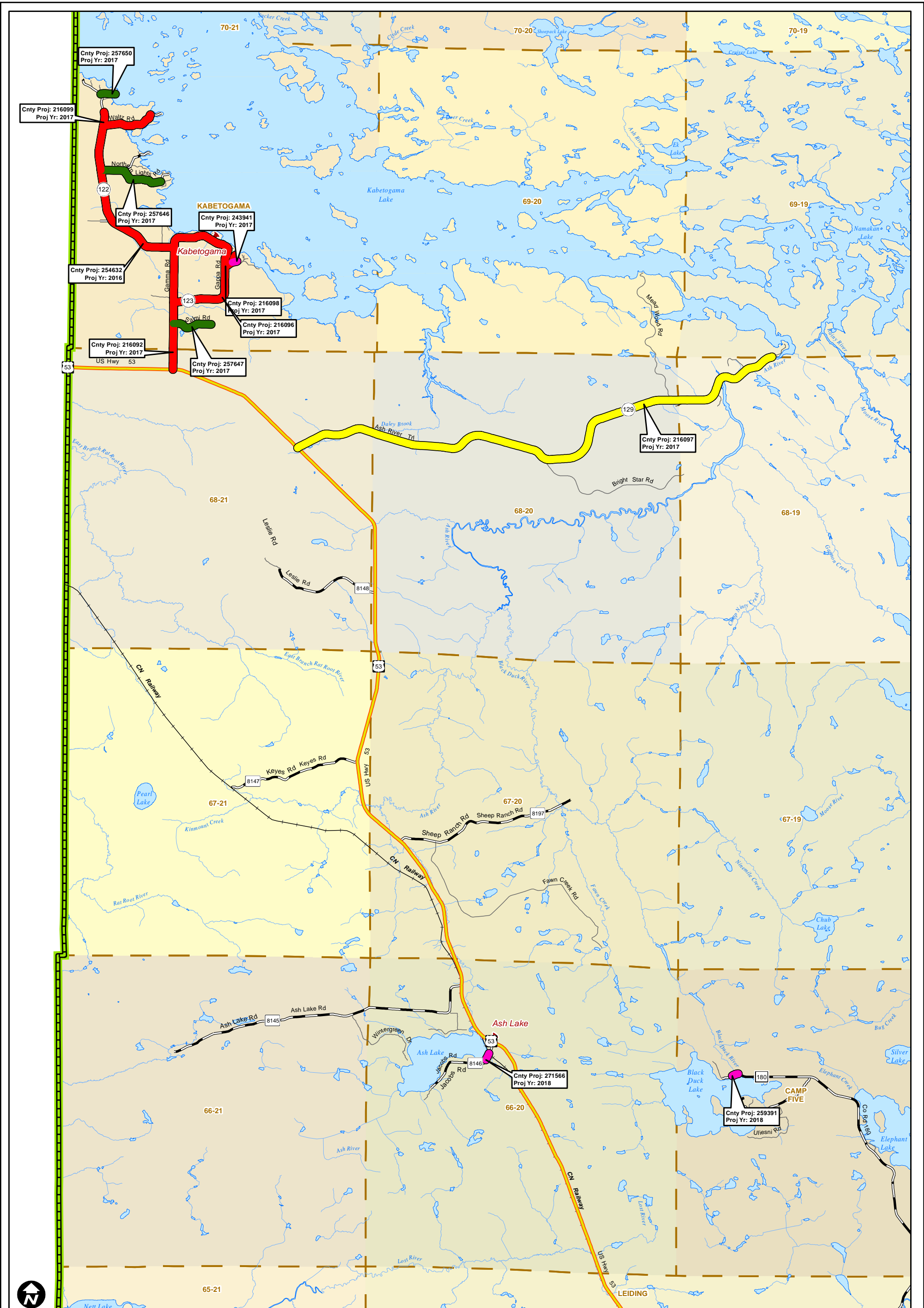
St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



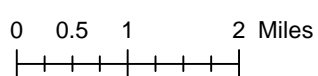
Map Components

5 Year CIP: Road & Bridge Construction		Other Components	
Yellow line	2" Overlay	Light green line	Culvert Replacement
Cyan line	Bituminous Overlay	Dark green line	Double Chip Seal
Pink line	Bridge Construction	Light blue line	Dynamic Warning System
Red line	Reclaim & Overlay	Dark green line	GRIP
Orange line	Chip Seal	Grey line	Guard Rail
Blue line	Cold In Place Recycle	Yellow dashed line	Hot In Place Recycle
Purple line	Complete Rebuild	Yellow dashed line	Intersection Improvements
Black line	Complete Reconstruction	Purple line	Micro Surface
		Black line	Mill & Overlay
		Light pink line	New Construction
		Green line	Ped/Bike Trail
		Green line	RR Xing Improvement
		Red line	Reconstruction
		Red line	Sag Repair
		Blue line	Scrub Seal
		Green line	Sidewalk Construction
		Black line	Traffic Signals
		Thick black line	Interstate Highway
		Thin black line	U.S./State Highway
		Thin black line	County Road - Paved
		Thin black line	County Road - Gravel
		Thin black line	Local Road/City Street
		Black line with cross-ticks	Railroad
		Red star	City/Town
		Green square	Commissioner District
		Orange dashed line	Township Boundary
		Blue shape	Lake
		Blue line	River/Stream





St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020

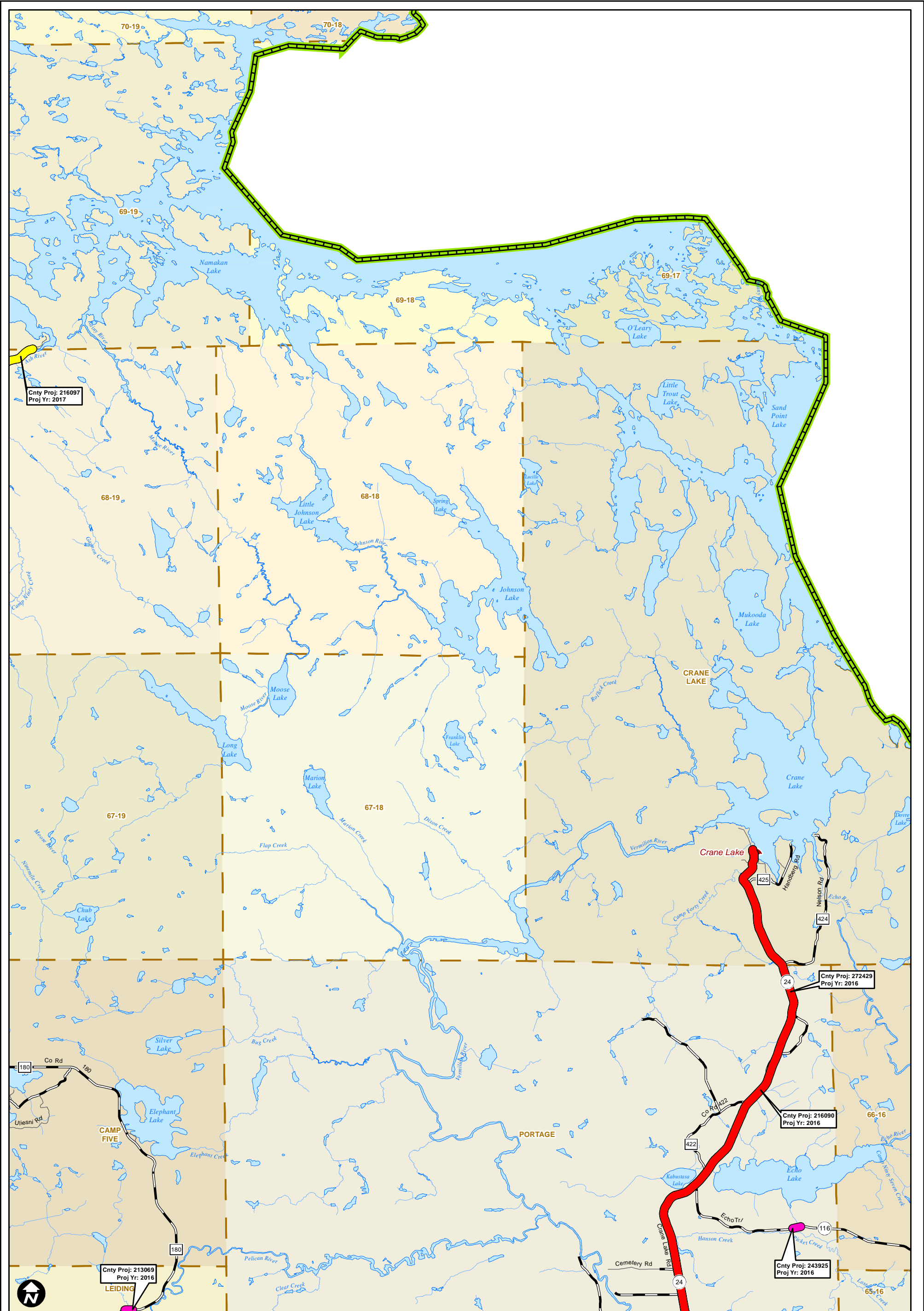


Map Components

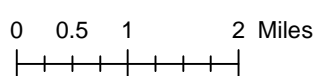
- 5 Year CIP: Road & Bridge Construction**
- 2" Overlay
  - Bituminous Overlay
  - Bridge Construction
  - Bypass Lane
  - Chip Seal
  - Cold In Place Recycle
  - Complete Rebuild
  - Complete Reconstruction
  - Culvert Replacement
  - Double Chip Seal
  - Dynamic Warning System
  - GRIP
  - Guard Rail
  - Hot In Place Recycle
  - Intersection Improvements
  - Micro Surface
  - Mill & Overlay

- New Construction
- Ped/Bike Trail
- RR Xing Improvement
- Reclaim & Overlay
- Reconstruction
- Sag Repair
- Scrub Seal
- Sidewalk Construction
- Traffic Signals

- Interstate Highway
- U.S./State Highway
- County Road - Paved
- County Road - Gravel
- Local Road/City Street
- Railroad
- City/Town
- Commissioner District
- Township Boundary
- Lake
- River/Stream



St. Louis County 5 Year CIP: Road & Bridge Construction for 2016 - 2020



Map Components

- 5 Year CIP: Road & Bridge Construction**
- 2" Overlay
  - Bituminous Overlay
  - Bridge Construction
  - Bypass Lane
  - Chip Seal
  - Cold In Place Recycle
  - Complete Rebuild
  - Complete Reconstruction
  - Culvert Replacement
  - Double Chip Seal
  - Dynamic Warning System
  - GRIP
  - Guard Rail
  - Hot In Place Recycle
  - Intersection Improvements
  - Micro Surface
  - Mill & Overlay

- New Construction
- Ped/Bike Trail
- RR Xing Improvement
- Reclaim & Overlay
- Reconstruction
- Sag Repair
- Scrub Seal
- Sidewalk Construction
- Traffic Signals

- Interstate Highway
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