



Five-Year Capital Improvement Plan 2018-2022

Updated December, 2017

SAINT LOUIS COUNTY Board of Commissioners

District 1	Frank Jewell
District 2	Patrick Boyle
District 3	Beth Olson
District 4	Tom Rukavina
District 5	Peter Stauber
District 6	Keith Nelson
District 7	Mike Jugovich



County Administrator, Kevin Z. Gray

Index	Page
Introduction	
Introduction	4
Goals	4
Relationship of CIP to the Operating Budget	5
CIP Strategy, Review & Adjustment	6
Financial Assumptions	7
Criteria for Inclusion in CIP	8
Procedures and Policies	10
CIP Process	12
Implementation Rate	12
CIP Format	12
2018-2022 Capital Improvement Program by Category	13
2018-2022 Capital Improvement Program Summary	15
2018-2022 Capital Improvement Program Revenue Summary	16
<u>Project Forms, Maps and Plans</u>	
Environmental Services	
Leachate Filtration Construction – Virginia	18
Landfill Closure/Cell Construction	19
Land and Minerals	
Office Remodel – Virginia	21
Information Technology	
Disk Storage Shelf Replacements	23
IT GIS and Electronic Document System Storage	24
Contract Lifecycle and Board Agenda Management	25
Property Management Facilities	
Virginia Government Services Center	27
Duluth Courthouse Assessor Office Remodel	28
Duluth Courthouse Probation Office Remodel	29
Duluth Courthouse and GSC Boiler/Chiller	30
Energy Efficiency and Sustainability Projects	31
Depot Asset Preservation	32
Sheriff South Impound Lot	33
EOC Training Room	34
Hibbing Courthouse Roof Replacement	35
Capital Improvement Projects (TBD)	36
Jail Energy Efficiency and Building Automation System	37
Jail Parking Lot	38
Duluth Downtown Parking Lot Repairs	39
Facility Asset Management Requirements	40
Public Works Facilities	
District 4 New Facility - Cook	42
Fuel Upgrade Project – 4 Sites	43
East District 4 Facility Upgrade – Tower and Embarrass	44
Facility Asset Management Requirements	45

Public Works Road and Bridge Projects

Road & Bridge Projects Summary 2018-2022
CIP Forms for Projects
Project maps (2018-2022 CIP)

47
61
322

Introduction - St. Louis County Capital Improvement Program Fiscal Years 2018 – 2022

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 information 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, 2015 and 2016. 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 four 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. 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 2018-2022 CIP has been prepared with the following major financial assumptions:

- A bond issuance in early 2018 for the new Virginia Government Services Center office building and Public Works District 4 Campus in Cook, MN projects proposed in this CIP amendment. The final bond schedule will be based on project need and financial realities.
- A 2018 state capital appropriation request to fund capital improvements at the St. Louis County Heritage and Arts Center (The Depot) in the amount of \$5.75 million has been submitted and is a legislative priority of the County. The County will provide an additional \$2.25 million initially to initiate necessary asset preservation projects on the exterior shell of the building.
- All contributions from the General Fund have been incorporated into actual 2018 and proposed 2019-2022 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 2018-2022 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 2018 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 2018-2022 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).

2018-2022 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	2018	2019	2020	2021	2022	TOTAL
Leachate Filtration Construction - Virginia		\$300,000	\$150,000	\$150,000		\$600,000
Landfill Closure/Cell Construction	\$1,800,000	\$600,000	\$600,000	\$200,000	\$200,000	\$3,400,000
Total Environmental Services	\$1,800,000	\$900,000	\$750,000	\$350,000	\$200,000	\$4,000,000

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.

Land and Minerals

Land and Minerals has proposed renovation of its Virginia office space with funding to be provided by department enterprise funds. Property Management will coordinate design and construction.

Land and Minerals	2018	2019	2020	2021	2022	TOTAL
Office Renovation - Virginia	\$10,000	\$90,000				\$100,000
Total Land and Minerals	\$10,000	\$90,000	\$0	\$0	\$0	\$100,000

Information Technology

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

Information Technology	2018	2019	2020	2021	2022	TOTAL
Disk Storage Shelf Replacements	\$300,000					\$300,000
IT GIS and Electronic Document System Infrastructure	\$300,000	\$200,000	\$100,000	\$400,000	\$100,000	\$1,100,000
Contract Lifecycle and Board Agenda Management	\$250,000					\$250,000
Total Information Technology	\$850,000	\$200,000	\$100,000	\$400,000	\$100,000	\$1,650,000

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 and efficient access for the public.

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

Property Management Facilities	2018	2019	2020	2021	2022	TOTAL
Virginia Government Services Center	\$8,388,210	\$11,125,000	\$2,768,076			\$22,281,286
Duluth Courthouse Assessor Office Remodel	\$300,000					\$300,000
Duluth Courthouse Probation Office Remodel	\$40,000	\$400,000				\$440,000
Duluth Courthouse and GSC Boiler/Chiller	\$210,000	\$550,000	\$740,000			\$1,500,000
Energy Efficiency and Sustainability Projects	\$200,000		\$210,000	\$950,000		\$1,360,000
Depot Asset Preservation	\$500,000	\$3,700,000	\$3,800,000			\$8,000,000
Sheriff South Impound Lot	\$35,000	\$500,000				\$535,000
EOC Training Room	\$250,000					\$250,000
Hibbing Courthouse Roof Replacement			\$40,000	\$400,000		\$440,000
Capital Improvement Projects (TBD)					\$950,000	\$950,000
Jail Energy Efficiency and Building Automation System	\$690,000					\$690,000
Jail Parking Lot	\$390,000					\$390,000
Duluth Downtown Parking Lot Repairs	\$30,000	\$270,000	\$525,000			\$825,000
Facility Asset Management Requirements		\$2,075,000	\$2,035,000	\$1,675,000	\$2,075,000	\$7,860,000
Total Property Management Facilities	\$11,033,210	\$18,620,000	\$10,118,076	\$3,025,000	\$3,025,000	\$45,821,286

Sources of revenue include property tax, fees, interest earnings, unrestricted grants and aids, state capital appropriations (general obligation bond proceeds with grant agreements) 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	2018	2019	2020	2021	2022	TOTAL
District 4 New Facility - Cook	\$8,000,000	\$20,500,000				\$28,500,000
Fuel Upgrade Project - 4 Sites	\$530,000					\$530,000
East District 4 Facility Upgrade - Tower and Embarrass					\$5,000,000	\$5,000,000
Facility Asset Management Requirements	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Total Public Works Facilities	\$9,030,000	\$21,000,000	\$500,000	\$500,000	\$5,500,000	\$36,530,000

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, transportation sales taxes, 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.

Local, state and federal funding for St. Louis County averages over \$30,000,000 per year. 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>.

Public Works Roads and Bridges	2018	2019	2020	2021	2022	TOTAL
Road and Bridge Projects Summary	\$40,466,077	\$42,554,660	\$37,882,049	\$29,724,859	\$27,460,036	\$178,087,681
Total Public Works Roads and Bridges	\$40,466,077	\$42,554,660	\$37,882,049	\$29,724,859	\$27,460,036	\$178,087,681

2018-2022 CAPITAL IMPROVEMENTS PROGRAM SUMMARY

Department	2018	2019	2020	2021	2022	TOTAL
Environmental Services	2018	2019	2020	2021	2022	TOTAL
Leachate Filtration Construction - Virginia		\$300,000	\$150,000	\$150,000		\$600,000
Landfill Closure/Cell Construction	\$1,800,000	\$600,000	\$600,000	\$200,000	\$200,000	\$3,400,000
Total Environmental Services	\$1,800,000	\$900,000	\$750,000	\$350,000	\$200,000	\$4,000,000
Land and Minerals	2018	2019	2020	2021	2022	TOTAL
Office Renovation - Virginia	\$10,000	\$90,000				\$100,000
Total Land and Minerals	\$10,000	\$90,000	\$0	\$0	\$0	\$100,000
Information Technology	2018	2019	2020	2021	2022	TOTAL
Disk Storage Shelf Replacements	\$300,000					\$300,000
IT GIS and Electronic Document System Infrastructure	\$300,000	\$200,000	\$100,000	\$400,000	\$100,000	\$1,100,000
Contract Lifecycle and Board Agenda Management	\$250,000					\$250,000
Total Information Technology	\$850,000	\$200,000	\$100,000	\$400,000	\$100,000	\$1,650,000
Property Management Facilities	2018	2019	2020	2021	2022	TOTAL
Virginia Government Services Center	\$8,388,210	\$11,125,000	\$2,768,076			\$22,281,286
Duluth Courthouse Assessor Office Remodel	\$300,000					\$300,000
Duluth Courthouse Probation Office Remodel	\$40,000	\$400,000				\$440,000
Duluth Courthouse and GSC Boiler/Chiller	\$210,000	\$550,000	\$740,000			\$1,500,000
Energy Efficiency and Sustainability Projects	\$200,000		\$210,000	\$950,000		\$1,360,000
Depot Asset Preservation	\$500,000	\$3,700,000	\$3,800,000			\$8,000,000
Sheriff South Impound Lot	\$35,000	\$500,000				\$535,000
EOC Training Room	\$250,000					\$250,000
Hibbing Courthouse Roof Replacement			\$40,000	\$400,000		\$440,000
Capital Improvement Projects (TBD)					\$950,000	\$950,000
Jail Energy Efficiency and Building Automation System	\$690,000					\$690,000
Jail Parking Lot	\$390,000					\$390,000
Duluth Downtown Parking Lot Repairs	\$30,000	\$270,000	\$525,000			\$825,000
Facility Asset Management Requirements		\$2,075,000	\$2,035,000	\$1,675,000	\$2,075,000	\$7,860,000
Total Property Management Facilities	\$11,033,210	\$18,620,000	\$10,118,076	\$3,025,000	\$3,025,000	\$45,821,286
Public Works Facilities	2018	2019	2020	2021	2022	TOTAL
District 4 New Facility - Cook	\$8,000,000	\$20,500,000				\$28,500,000
Fuel Upgrade Project - 4 Sites	\$530,000					\$530,000
East District 4 Facility Upgrade - Tower and Embarrass					\$5,000,000	\$5,000,000
Facility Asset Management Requirements	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Total Public Works Facilities	\$9,030,000	\$21,000,000	\$500,000	\$500,000	\$5,500,000	\$36,530,000
Public Works Roads and Bridges	2018	2019	2020	2021	2022	TOTAL
Road and Bridge Projects Summary	\$40,466,077	\$42,554,660	\$37,882,049	\$29,724,859	\$27,460,036	\$178,087,681
Total Public Works Roads and Bridges	\$40,466,077	\$42,554,660	\$37,882,049	\$29,724,859	\$27,460,036	\$178,087,681
Total Capital Improvement Projects	\$63,189,287	\$83,364,660	\$49,350,125	\$33,999,859	\$36,285,036	\$266,188,967

2018– 2022 SUMMARY OF REVENUES BY DEPARTMENT

Department	2018	2019	2020	2021	2022
Environmental Services					
Property Tax					
Bonding					
Federal/State					
Other	\$1,800,000	\$900,000	\$750,000	\$350,000	\$200,000
Total Environmental Services	\$1,800,000	\$900,000	\$750,000	\$350,000	\$200,000
Land and Minerals					
Property Tax					
Bonding					
Federal/State					
Other	\$10,000	\$90,000			
Total Land and Minerals	\$10,000	\$90,000			
Information Technology					
Property Tax	\$600,000	\$200,000	\$100,000	\$200,000	\$100,000
Bonding					
Federal/State					
Other	\$250,000			\$200,000	
Total Information Technology	\$850,000	\$200,000	\$100,000	\$400,000	\$100,000
Property Management Facilities					
Property Tax	\$2,080,000	\$3,325,000	\$3,025,000	\$3,025,000	\$3,025,000
Bonding	\$8,388,210	\$11,125,000	\$2,768,076		
Federal/State		\$2,750,000	\$3,000,000		
Other	\$565,000	\$1,420,000	\$1,325,000		
Total Property Management Facilities	\$11,033,210	\$18,620,000	\$10,118,076	\$3,025,000	\$3,025,000
Public Works Facilities					
Property Tax	\$1,030,000	\$500,000	\$500,000	\$500,000	\$500,000
Bonding	\$8,000,000	\$20,500,000			\$5,000,000
Federal/State					
Other					
Total Public Works Facilities	\$9,030,000	\$21,000,000	\$500,000	\$500,000	\$5,500,000
Public Works Road & Bridge					
Property Tax	\$5,528,838	\$5,145,016	\$5,235,013	\$5,740,006	\$6,630,012
Bonding					
Transportation Sales Tax	\$13,704,013	\$7,974,516	\$10,544,844	\$5,113,010	\$3,230,004
Federal/State	\$20,133,224	\$24,823,123	\$20,089,690	\$18,021,843	\$16,550,020
Other	\$1,100,002	\$4,612,005	\$2,012,502	\$850,000	\$1,050,000
Total Public Works Road & Bridge	\$40,466,077	\$42,554,660	\$37,882,049	\$29,724,859	\$27,460,036

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2018 – 2022**

Environmental Services

1. Leachate Filtration Construction - Virginia
2. Landfill Closure/ Cell Construction

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

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

Department: Contact: Extension:

Start Year: End Year: Project Goal:

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 leachate expansion, the construction of a new filtration process is proposed for design in 2018 and construction in 2019. Additionally, pretreatment of incoming landfill leachate is crucial to the spray application process. Therefore filtration process construction is necessary for long term treatment and management.

Project Description & Location

The Regional Landfill in Virginia 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 the operating budget - operation of the 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 Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018				\$50,000	\$50,000	Architect/Engineer	\$50,000
2019				\$250,000	\$250,000	Construction	\$250,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL				\$300,000	\$300,000	Other	
Last Project Estimate Update: <input type="text" value="November 2017"/>						TOTAL COST	\$300,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Landfill Closure - Regional Landfill - Virginia, MN

Department: Environmental Services Contact: Mark St. Lawrence Extension: 7647

Start Year: 2018 End Year: 2020 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. As designed elevations within current landfill cells are reached, state regulations and MPCA-issued MSW Landfill Permit SW-405 require these cells be officially closed within a mandated time period.

Project Description & Location

Regional Landfill Closure Project; Fund 600 Agency 607001 \$1,800,000; 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 overall construction costs.

Project Priority: Necessary Estimated Return On Investment: Unknown

Priority Rationale: End of Life Cycle New Asset Life Cycle: Not Applicable

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018				\$1,800,000	\$1,800,000	Architect/Engineer	\$200,000
2019						Construction	\$1,600,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL				\$1,800,000	\$1,800,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$1,800,000

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2018 – 2022**

Land and Minerals

1. Office Renovation - Virginia

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Office Renovation - Virginia

Department: Land

Contact: Mark Weber

Extension: 2608

Start Year: 2018

End Year: 2019

Project Goal: Strong County Infrastructure

Project Purpose & Justification

Expand the Virginia Office to allow more office space for new staff; replace furnace and roof. Add a warm-stall to the garage.

Project Description & Location

Expand structure and replace infrastructure at the Land and Minerals office in Virginia (7820 Hwy 135).
E 1/2 OF NE 1/4 OF NW 1/4 LYING S OF HWY, SECTION 21, T58N, R17W; PARCEL 090-0180-01566

Attachments Prepared:

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

Land and Minerals is an Enterprise Department.

Project Priority: Necessary

Estimated Return On Investment: 5-10 years

Priority Rationale: Asset Integrity

New Asset Life Cycle: 10-20 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018				\$10,000	\$10,000	Architect/Engineer	\$10,000
2019				\$90,000	\$90,000	Construction	\$90,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL				\$100,000	\$100,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$100,000

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2018 – 2022**

Information Technology

1. Disk Storage Shelf Replacements
2. IT GIS and Electronic Document System Infrastructure
3. Contract Lifecycle and Board Agenda Management

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Disk Storage Shelf Replacements

Department: Information Technology Contact: Jeremy Craker Extension: 2333

Start Year: 2018 End Year: 2018 Project Goal: Efficient, Effective Government

Project Purpose & Justification

The St. Louis County Information Technology department will continue to have ongoing technology infrastructure maintenance costs. These costs are related to the ongoing data growth of the Geographic Information Systems, Electronic Document Management Systems, and ongoing file level document storage. In addition each year there are planned equipment replacements in order to keep infrastructure components running in an efficient manner while ensuring that they are properly supported by our vendors.

Project Description & Location

In 2018 disk storage shelves will be replaced in the primary data center in the Duluth Government Services Center, within the backup data center, within the Public Safety facility, and at the Virginia, Pike Lake, and Hibbing facilities. These disk shelves will no longer be supported by the vendor in 2018. This project is to replace these disk shelves. These disk shelves are utilized to store critical county software systems, as well as electronic documents.

Attachments Prepared:

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

Project Priority Critical Estimated Return On Investment 0-5 years

Priority Rationale End of Life Cycle New Asset Life Cycle 0-5 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$300,000				\$300,000	Architect/Engineer	
2019						Construction	
2020						Consulting	
2021						Furnish/Fix/Equip	\$300,000
2022						Contingency	
TOTAL	\$300,000				\$300,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$300,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: IT GIS and Electronic Document System Infrastructure

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The St. Louis County Information Technology department strategically plans for the ongoing upgrade and replacement of critical infrastructure necessary to ensure that county applications run in an efficient manner. These ongoing costs are driven by the ongoing data growth of the Geographic Information Systems, Electronic Document Management Systems, and ongoing file level document storage. In addition each year there are planned equipment replacements in order to keep infrastructure components running in an efficient manner while ensuring that they are properly supported by our vendors.

Project Description & Location

The long range plan includes upgrades and replacements of disk storage, server infrastructure, network infrastructure, and telephony infrastructure throughout St. Louis County facilities.

Attachments Prepared:

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

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$300,000				\$300,000	Architect/Engineer	
2019	\$200,000				\$200,000	Construction	
2020	\$100,000				\$100,000	Consulting	
2021	\$200,000			\$200,000	\$400,000	Furnish/Fix/Equip	\$1,100,000
2022	\$100,000				\$100,000	Contingency	
TOTAL	\$900,000			\$200,000	\$1,100,000	Other	
Last Project Estimate Update: <input type="text" value="November 2017"/>						TOTAL COST	\$1,100,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Contract Lifecycle and Board Agenda Management

Department: Information Technology Contact: Jeremy Craker Extension: 2333

Start Year: 2018 End Year: 2018 Project Goal: Efficient, Effective Government

Project Purpose & Justification

St. Louis County Information Technology is committed to providing streamlined processes. To that end St. Louis County has standardized on the Hyland OnBase platform. This system is an electronic document storage and retrieval software with advanced workflow capabilities. This project is to provide a contract management system, as well as a board letter management process. Two key tenants in the contract management process. The goal will be to provide a solution that can provide contract compliance and administration, routing, renewal, archiving, drafting, negotiation support, and contract optimization. This system will convert the heavily intensive paper based system and provide a robust electronic contract storage and routing solution.

Project Description & Location

This project will benefit all departments engaged in the contract and board letter process. It will provide value to those in charge of maintaining the integrity and enforcement of contracts and board letters including purchasing, administration and the attorney's office. In addition this software will provide a holistic approach to contract management, as well as board letter management and will also incorporate the tenants laid down by the accounts payable automation project. A project which incorporates the payment side of the procure to pay process in electronic format. This will help ensure that contracts are appropriately tied to payments.

Attachments Prepared: _____

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

Project Priority: Recommended Estimated Return On Investment: 0-5 years

Priority Rationale: Functionality New Asset Life Cycle: 5-10 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018				\$250,000	\$250,000	Architect/Engineer	
2019						Construction	
2020						Consulting	\$200,000
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL				\$250,000	\$250,000	Other	\$50,000
						TOTAL COST	\$250,000

Last Project Estimate Update: November 2017

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2018 – 2022**

Property Management Facilities

1. Virginia Government Services Center
2. Duluth Courthouse Assessor Office Remodel
3. Duluth Courthouse Probation Office Remodel
4. Duluth Courthouse and GSC Boiler/Chiller
5. Energy Efficiency and Sustainability Projects
6. Depot Asset Preservation
7. Sheriff South Impound Lot
8. EOC Training Room
9. Hibbing Courthouse Roof Replacement
10. Capital Improvement Projects (TBD)
11. Jail Energy Efficiency and Building Automation System
12. Jail Parking Lot
13. Duluth Downtown Parking Lot Repairs
14. Facility Asset Management Requirements

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Virginia Government Services Center

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

Design and construct a new administrative office building in downtown Virginia, MN to replace the Northland Office Center, a county-owned Government Services Center building that has reached the end of its useful life. The new building will be designed to house all county government services in a safe, secure and energy-efficient facility offering easy access and efficient citizen services.

Project Description & Location

The facility will be a 65,100 square foot, two story structure located in downtown Virginia, MN adjacent to the Virginia City Hall, the Post Office and several existing county buildings including the courthouse and motor pool. A public parking lot will be constructed on the site of the current Northland Office Center to provide needed parking in the downtown area.

Attachments Prepared:

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

The operational, utility, maintenance and repair costs will be significantly reduced. The new building is being designed using best practices in energy efficiency and renewable energy design.

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018		\$8,388,210			\$8,388,210	Architect/Engineer	\$684,433
2019		\$11,125,000			\$11,125,000	Construction	\$17,033,144
2020		\$2,768,076			\$2,768,076	Consulting	\$150,000
2021						Furnish/Fix/Equip	\$2,321,059
2022						Contingency	\$1,708,401
TOTAL		\$22,281,286			\$22,281,286	Other	\$384,249
						TOTAL COST	\$22,281,286

Last Project Estimate Update:

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Duluth Courthouse Assessor Office Remodel

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The Duluth Courthouse office space occupied by Assessor staff needs to be updated to accommodate increased staffing levels and to promote an improved work environment and efficiency.

Project Description & Location

This project is on the 3rd floor of the Duluth Courthouse. It was designed by a local architect with an appropriate level of input from department staff.

Attachments Prepared:

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

The project is intended to provide improved operational conditions for Assessor personnel.

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$300,000				\$300,000	Architect/Engineer	
2019						Construction	\$300,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL	\$300,000				\$300,000	Other	
Last Project Estimate Update: <input type="text" value="November 2017"/>						TOTAL COST	\$300,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Duluth Courthouse Probation Office Remodel

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The Duluth Courthouse office space occupied by Probation staff needs to be updated to promote improved safety and efficiency in the work environment.

Project Description & Location

This project is on the 3rd floor of the Duluth Courthouse. It will be designed in 2018 by a local architect with an appropriate level of input from department staff. Construction of the office space will be scheduled for 2019.

Attachments Prepared:

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

The project is intended to provide improved operational conditions for Probation personnel.

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$40,000				\$40,000	Architect/Engineer	\$40,000
2019	\$400,000				\$400,000	Construction	\$400,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL	\$440,000				\$440,000	Other	
						TOTAL COST	\$440,000

Last Project Estimate Update:

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Duluth Courthouse and GSC Boiler/Chiller

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The Duluth Courthouse and GSC are presently heated and cooled through the district heating system owned by the City of Duluth. This system is proposed to be renovated and converted to a hot water system in the near future. It is unclear to date what the future capacity and use charges will be to the county and other users; no agreements have been reached. Heating and cooling are obviously critical systems required for uninterrupted service to the public and daily operations in county facilities so Property Management must be prepared to provide alternative systems. The future of district heating is uncertain and the cost is extremely expensive. The proposed replacement project will have an estimated payback of six years.

Project Description & Location

This project will replace the district heating and cooling system provided by the City of Duluth for the Duluth Courthouse and the GSC. A new natural gas boiler and chiller will be designed in 2018 by a local engineers. Construction and installation of the new heating and cooling systems will be scheduled for 2019 and 2020.

Attachments Prepared:

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

The project is intended to provide improved energy efficiency, operational continuity and uninterrupted service in county facilities potentially affected by City of Duluth district heating and cooling system issues.

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$210,000				\$210,000	Architect/Engineer	\$170,000
2019	\$550,000				\$550,000	Construction	\$300,000
2020	\$740,000				\$740,000	Consulting	
2021						Furnish/Fix/Equip	\$1,030,000
2022						Contingency	
TOTAL	\$1,500,000				\$1,500,000	Other	
Last Project Estimate Update: <input type="text" value="November 2017"/>						TOTAL COST	\$1,500,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Energy Efficiency and Sustainability Projects

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2018

End Year: 2021

Project Goal: Strong County Infrastructure

Project Purpose & Justification

The county has strategic goals for energy efficiency and sustainability. Property Management has initiated multiple projects in the last 5 years to evaluate and benchmark energy utilization in county facilities to identify opportunities for improvement in efficiency and stabilize/lower operating costs. Projects such as lamp fixture and bulb replacements with high efficiency LEDs and installation of solar photovoltaic systems have been completed in several facilities. Funding for this project will continue to provide improvements in energy utilization and long term reductions in energy demand at county facilities.

Project Description & Location

The county will use data from energy billing and the facility asset management system to identify priorities for energy efficiency savings at facilities across the county. Equipment that is at the end of its useful life will be replaced with units that meet or exceed recommended energy efficiency standards. In 2020 and 2021, funding is requested to design and install a solar photovoltaic system at one location to offset the peak electricity demand for that facility. Property Management anticipates that payback for this renewable energy project will be 10 to 15 years.

Attachments Prepared:

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

The project is intended to provide improved energy efficiency and lower operating costs while contributing toward renewable energy goals for the region.

Project Priority: Recommended

Estimated Return On Investment: 10-20 years

Priority Rationale: Energy Efficiency

New Asset Life Cycle: 20-40 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$200,000				\$200,000	Architect/Engineer	\$150,000
2019						Construction	\$400,000
2020	\$210,000				\$210,000	Consulting	
2021	\$950,000				\$950,000	Furnish/Fix/Equip	\$810,000
2022						Contingency	
TOTAL	\$1,360,000				\$1,360,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$1,360,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Depot Asset Preservation

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2018

End Year: 2020

Project Goal: Strong County Infrastructure

Project Purpose & Justification

The county owns the St. Louis County Heritage and Arts Center, also known as the Depot, in Duluth, MN. In 2016, Property Management commissioned a facility assessment study of the building to determine necessary actions to preserve the asset for its current uses. This project will provide county funding for \$2.25 million for a portion of the necessary preservation activities; additional funding of \$5.75 million has been requested as part of the 2018 Minnesota Capital Appropriation process.

Project Description & Location

The county will execute a facility asset preservation program at the Depot from 2018 to 2020 contingent on the level of funding available from county and state capital appropriations. Initial activities in 2018 will address high priority maintenance actions to assure the integrity of the exterior walls and roof systems. Interior systems, such as heating, ventilation, and electrical, at the end of their useful life or substandard by current building codes and energy efficiency standards will be addressed by this project.

Attachments Prepared:

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

The project is intended to maintain this building asset to serve its current uses while also providing improved energy efficiency and lower operating costs.

Project Priority: Critical

Estimated Return On Investment: 10-20 years

Priority Rationale: Asset Integrity

New Asset Life Cycle: 20-40 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$500,000				\$500,000	Architect/Engineer	\$600,000
2019	\$950,000		\$2,750,000		\$3,700,000	Construction	\$6,300,000
2020	\$800,000		\$3,000,000		\$3,800,000	Consulting	
2021						Furnish/Fix/Equip	\$350,000
2022						Contingency	\$750,000
TOTAL	\$2,250,000		\$5,750,000		\$8,000,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$8,000,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Sheriff South Impound Lot

Department: Sheriff Contact: Dave Phillips Extension: 2339

Start Year: 2018 End Year: 2019 Project Goal: Strong County Infrastructure

Project Purpose & Justification

In 2017, an impound lot building was constructed in Virginia at the county landfill recycling center site to provide a secure site for storage of vehicles impounded in the northern area of the county. The building was required to improve security for evidence and to allow improved ingress, egress and inspections during harsh weather conditions. This project is to improve the impound lot on the Public Safety campus to address the same needs for the southern area of the county.

Project Description & Location

This project consists of a secure steel building in a fenced in area of the Public Safety campus. The building is planned for design to occur in 2018 and construction in 2019.

Attachments Prepared:

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

The project is intended to provide improved operational conditions for Sheriff's personnel.

Project Priority: Necessary Estimated Return On Investment: Unknown

Priority Rationale: Operations New Asset Life Cycle: 20-40 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018				\$35,000	\$35,000	Architect/Engineer	\$35,000
2019	\$300,000			\$200,000	\$500,000	Construction	\$500,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL	\$300,000			\$235,000	\$535,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$535,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Training Room Addition at Pike Lake Emergency Operations Center (EOC)

Department: Sheriff Contact: Dave Phillips Extension: 2339

Start Year: 2018 End Year: 2018 Project Goal: Efficient, Effective Government

Project Purpose & Justification

The Sheriff's Office has been Working towards a single location where staff receive specialized training such as defensive tactics, MILO computerized firearms, taser use and other similar training. We have been working with the Employee Safety Department in order to come up with the best design that would help reduce staff injury during training exercises, while allowing for the most realistic training possible. By centralizing training, we are able to store and secure training equipment, thus reducing the "down time" that instructors have faced while loading/unloading and transporting different types of padding or equipment. All Sheriff's Office divisions, including sworn staff, rescue squad and jail staff would benefit from this addition.

Project Description & Location

This project would add a 2,400 square foot addition to the south side of the existing EOC on the Pike Lake campus. This addition would be connected to the EOC with a walkway link and would utilize the existing HVAC system of the EOC. Working with Employee Safety, the design would include heavy padding to reduce staff injury while performing defensive tactics training. By having this training annex, we would no longer have to break down the main EOC area for training purposes and the annex could also be used as additional "swing space" in the event of a large disaster or incident.

Attachments Prepared: Scalzo Architects Planning and Cost Estimate Letter

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

This addition would utilize existing EOC HVAC facilities and would not need windows. Minimal site preparation would be needed and the location is well within the buildable footprint of the EOC. This project could be completed quickly and cost effectively at an existing building site. By incorporating input from Employee Safety in the design, we should be able to reduce workers compensation issues due to training.

Project Priority Necessary Estimated Return On Investment 0-5 years

Priority Rationale Functionality New Asset Life Cycle 40+ years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$250,000				\$250,000	Architect/Engineer	\$16,000
2019						Construction	\$200,000
2020						Consulting	
2021						Furnish/Fix/Equip	\$20,000
2022						Contingency	\$14,000
TOTAL	\$250,000				\$250,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$250,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Hibbing Courthouse Roof Replacement

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The Hibbing Courthouse roof will have reached the end of its useful life in 2021. This project is to preserve the exterior shell integrity of the building and avoid damage to the structure. Inspections and design will occur in 2020 prior to undertaking the roof replacement.

Project Description & Location

This project is replacement of the roof of the Hibbing Courthouse.

Attachments Prepared:

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

The project will assure asset preservation in a timely manner and avoid disruptions to court proceedings and operations.

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018						Architect/Engineer	\$40,000
2019						Construction	\$400,000
2020	\$40,000				\$40,000	Consulting	
2021	\$400,000				\$400,000	Furnish/Fix/Equip	
2022						Contingency	
TOTAL	\$440,000				\$440,000	Other	
Last Project Estimate Update: <input type="text" value="November 2017"/>						TOTAL COST	\$440,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Capital Improvement Projects

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The county has strategic goals for facility asset management and sustainability. Property Management has initiated multiple projects in the last 5 years to assure asset management in county facilities. Funding for this project will continue investment in county facilities to assure a strong county infrastructure in future years.

Project Description & Location

The county will use data from the facility asset management system and department input to identify priorities for capital improvement projects at facilities across the county.

Attachments Prepared:

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

The project is intended to design and implement capital improvement projects that improve infrastructure and operational performance.

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018						Architect/Engineer	\$95,000
2019						Construction	\$770,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022	\$950,000				\$950,000	Contingency	\$85,000
TOTAL	\$950,000				\$950,000	Other	
Last Project Estimate Update: <input type="text" value="November 2017"/>						TOTAL COST	\$950,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 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 has strategic goals for energy efficiency and sustainability. Property Management has initiated multiple projects in the last 5 years to evaluate and benchmark energy utilization in county facilities to identify opportunities for improvement in efficiency and stabilize/lower operating costs. The jail is at the end of its facility lifecycle for major operating systems and requires new building automation controls to assure performance of building systems. Funding for this project will continue to provide improvements in energy utilization and long term reductions in energy demand at the county jail.

Project Description & Location

The county will use data from energy billing and the facility asset management system to identify priorities for energy efficiency savings at the jail. Equipment that is at the end of its useful life will be replaced with units that meet or exceed recommended energy efficiency standards.

Attachments Prepared:

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

The project is intended to provide improved energy efficiency and lower operating costs.

Project Priority: Recommended **Estimated Return On Investment:** 10-20 years

Priority Rationale: Energy Efficiency **New Asset Life Cycle:** 20-40 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$690,000				\$690,000	Architect/Engineer	
2019						Construction	\$690,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL	\$690,000				\$690,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$690,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Jail Parking Lot

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

This project is to replace the driveway and parking lot at the county jail. These assets are at the end of their useful life.

Project Description & Location

This project consists of excavation, grading and installation of new pavement and curbs to renew the lifecycle of these areas at the jail.

Attachments Prepared:

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

The project is intended to provide improved operational conditions for Sheriff's personnel.

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$390,000				\$390,000	Architect/Engineer	
2019						Construction	\$390,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL	\$390,000				\$390,000	Other	
Last Project Estimate Update: <input type="text" value="November 2017"/>						TOTAL COST	\$390,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Duluth Downtown Parking Lot Repairs

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

This project is to evaluate and repair/replace the county red and green parking lots on Second Street in Duluth, MN. These lots will require investigation and planning with the City of Duluth in 2018 before construction in 2019/2020. Parking funds will be used for these improvements.

Project Description & Location

This project consists of excavation, grading and installation of new pavement and curbs to renew the lifecycle of the county red and green lots in downtown Duluth.

Attachments Prepared:

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

The project is intended to extend the lifecycle of parking facilities.

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018				\$30,000	\$30,000	Architect/Engineer	\$30,000
2019				\$270,000	\$270,000	Construction	\$795,000
2020				\$525,000	\$525,000	Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL				\$825,000	\$825,000	Other	
						TOTAL COST	\$825,000

Last Project Estimate Update:

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Facility Asset Management Requirements

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

This project is to provide funding for property management projects involving repair, maintenance, improvements and equipment replacements for county facilities and grounds required to meet public service requirements of the county.

Project Description & Location

All facilities that the Property Management Department are responsible for require a wide variety of repairs, maintenance, improvements and equipment replacement. In order to meet the county goal for efficiency and sustainability of operations, Property Management must undertake a regular program of facility renewals and upgrades that support county departments. Property Management will review all department service requests and facility asset management requirement data to assure that operations and service are available to the public without interruption.

Attachments Prepared:

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

The project is intended to assure operational efficiency on a priority basis.

Project Priority Estimated Return On Investment

Priority Rationale New Asset Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018						Architect/Engineer	\$800,000
2019	\$2,075,000				\$2,075,000	Construction	\$6,060,000
2020	\$2,035,000				\$2,035,000	Consulting	
2021	\$1,675,000				\$1,675,000	Furnish/Fix/Equip	
2022	\$2,075,000				\$2,075,000	Contingency	\$1,000,000
TOTAL	\$7,860,000				\$7,860,000	Other	
Last Project Estimate Update: <input type="text" value="November 2017"/>						TOTAL COST	\$7,860,000

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2018 – 2022**

Public Works Facilities

1. District 4 New Facility - Cook
2. Fuel Upgrade Project – 4 Sites
3. East District 4 Facility Upgrade – Tower and Embarrass
4. Facility Asset Management Requirements

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: District 4 New Facility Cook

Department: Public Works

Contact: Jim Foldesi

Extension: 3840

Start Year: 2018

End Year: 2019

Project Goal: Strong County Infrastructure

Project Purpose & Justification

Construction recommendation as directed by VFA and District 4 Maintenance Study. A third party study on the District 4 facilities has been completed. The study shows that the Linden Grove and Cook facilities are past their useful life and should be replaced. LHB was hired to design a new facility to replace the Linden Grove and Cook facilities. The design is 95% complete. Construction is anticipated to commence in Summer 2018.

Project Description & Location

The project would replace/remodel public works buildings in District 4 by constructing a new public works and administration facility in Cook, MN.

Attachments Prepared: District map showing facility locations

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

Operating efficiencies gained by new energy efficient structure, energy efficient systems equipment and support of operations practices by optimized site layout as compared to existing facilities.

Project Priority: Necessary

Estimated Return On Investment: 10-20 years

Priority Rationale: End of Life Cycle

New Asset Life Cycle: 20-40 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018		\$8,000,000			\$8,000,000	Architect/Engineer	\$1,000,000
2019		\$20,500,000			\$20,500,000	Construction	\$22,400,000
2020						Consulting	\$100,000
2021						Furnish/Fix/Equip	\$2,000,000
2022						Contingency	\$2,500,000
TOTAL		\$28,500,000			\$28,500,000	Other	\$500,000
Last Project Estimate Update: November 2017						TOTAL COST	\$28,500,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Fuel Upgrade Project - 4 Sites

Department: Public Works

Contact: Jim Foldesi

Extension: 3840

Start Year: 2018

End Year: 2018

Project Goal: Strong County Infrastructure

Project Purpose & Justification

Replace Duluth Motor Pool fueling site. The existing system has failed and is subject to MPCA citations if not corrected.
 Add a new fueling site at Ely Public Works. The fueling site was cut out of the original building project to save money.
 Add diesel fueling site at Cotton Public Works. The local supplier there went out of business.
 Add unleaded fueling capabilities to the existing fueling site at Floodwood Public Works. Limited access to private pumps and high cost of unleaded fuel in Floodwood are the reasons for the project.

Project Description & Location

Replace the existing fuel site at the Duluth Motor Pool with a modern, efficient and environmentally compliant system.
 Build a new fueling site with diesel and unleaded in above ground storage tanks at the Ely Public Works.
 Build a new fueling site with diesel, only, in an above ground storage tank at the Cotton Public Works.
 Add unleaded fueling capabilities in an above ground storage tank to the existing fueling site at the Floodwood Public Works.

Attachments Prepared: district map showing facility locations

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

The new equipment will be energy efficient compared to the old equipment. Operational efficiencies will be achieved because fleet vehicles will not have to drive to service stations to refuel. Lower fuel prices will be realized because Public Works will be able to purchase fuel through the fuel contract rather than paying the "pump price".

Project Priority: Necessary

Estimated Return On Investment: 5-10 years

Priority Rationale: Functionality

New Asset Life Cycle: 20-40 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$530,000				\$530,000	Architect/Engineer	\$30,000
2019						Construction	\$500,000
2020						Consulting	
2021						Furnish/Fix/Equip	
2022						Contingency	
TOTAL	\$530,000				\$530,000	Other	
						TOTAL COST	\$530,000

Last Project Estimate Update: November 2017

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: East District 4 Facility Upgrade - Tower and Embarrass

Department: Public Works Contact: Jim Foldesi Extension: 3840

Start Year: 2022 End Year: 2022 Project Goal: Strong County Infrastructure

Project Purpose & Justification

Construction recommendation as directed by facility asset management system analysis and District 4 Maintenance Study.

Project Description & Location

Replace or remodel maintenance buildings in the East District 4 area.

Attachments Prepared:

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

Operating efficiencies will be gained by building an energy efficient building and installing efficient equipment/systems compared to the existing facilities.

Project Priority Necessary Estimated Return On Investment 10-20 years

Priority Rationale End of Life Cycle New Asset Life Cycle 20-40 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018						Architect/Engineer	\$400,000
2019						Construction	\$4,550,000
2020						Consulting	\$50,000
2021						Furnish/Fix/Equip	
2022		\$5,000,000			\$5,000,000	Contingency	
TOTAL		\$5,000,000			\$5,000,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$5,000,000

Form 12

ST. LOUIS COUNTY 2018 - 2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Facility Asset Management Requirements

Department: Public Works Contact: Jim Foldesi Extension: 3840

Start Year: 2018 End Year: 2022 Project Goal: Strong County Infrastructure

Project Purpose & Justification

Perform preventive maintenance on Public Works buildings and related facilities to address priority projects identified through analysis of facility asset management system (VFA) requirements.

Project Description & Location

Project descriptions and locations will be determined by assessing system requirements on a regular basis and assigning available funds to high priority facility projects that protect the efficiency and functionality of county operations.

Attachments Prepared:

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

All maintenance and repair projects consider opportunities for improved operating efficiencies by following energy efficient building design principles and installing efficient equipment/systems facilities. Site and floor plan layouts that incorporate improved operational efficiencies for departments will also be considered whenever possible in the design of these projects.

Project Priority Necessary Estimated Return On Investment 0-5 years

Priority Rationale Asset Integrity New Asset Life Cycle 10-20 years

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2018	\$500,000				\$500,000	Architect/Engineer	\$250,000
2019	\$500,000				\$500,000	Construction	\$2,150,000
2020	\$500,000				\$500,000	Consulting	\$100,000
2021	\$500,000				\$500,000	Furnish/Fix/Equip	
2022	\$500,000				\$500,000	Contingency	
TOTAL	\$2,500,000				\$2,500,000	Other	
Last Project Estimate Update: November 2017						TOTAL COST	\$2,500,000

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2018 – 2022**

**Public Works
Road & Bridge Projects**

1. Road & Bridge Projects Summary 2018-2022
2. CIP Forms for Projects
3. Project Maps (2018-2022 CIP)

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> Project #	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
259423	CP 0000-259423	Striping	\$58,001	\$0	\$0	\$0	\$0	\$58,001
259426	CP 0000-259426 T	Dynamic Warning System	\$440,001	\$0	\$0	\$0	\$0	\$440,001
278670	CP 0000-278670	Crack Sealing	\$300,001	\$0	\$0	\$0	\$0	\$300,001
275390	CP 0000-275390	Ground In Striping	\$1,000,001	\$0	\$0	\$0	\$0	\$1,000,001
305083	CP 0000-305083	Complete Rebuild	\$500,001	\$0	\$0	\$0	\$0	\$500,001
293124	CP 0000-293124	Rumble Strips	\$330,001	\$0	\$0	\$0	\$0	\$330,001
293136	CP 0000-293136	6" Edgeline Striping	\$370,001	\$0	\$0	\$0	\$0	\$370,001
369995	CP 0000-369995	Road Construction	\$1,350,001	\$0	\$0	\$0	\$0	\$1,350,001
369683	CP 0000-369683	Traffic Signal Upgrades	\$60,001	\$0	\$0	\$0	\$0	\$60,001
365576	CP 0000-365576	Reclaim & Overlay	\$25,001	\$0	\$0	\$0	\$0	\$25,001
244396	CP 0003-244396	Reclaim & Overlay	\$500,001	\$0	\$0	\$0	\$0	\$500,001
255874	CP 0005-255874 T	Reclaim & Overlay	\$2,700,001	\$0	\$0	\$0	\$0	\$2,700,001
354998	CP 0005-354998	Chip Seal	\$48,001	\$0	\$0	\$0	\$0	\$48,001
356728	CP 0006-356728	Traffic Signal Upgrades	\$30,000	\$0	\$0	\$0	\$0	\$30,000
287571	CP 0012-287571	Bridge Construction	\$800,001	\$0	\$0	\$0	\$0	\$800,001
319131	CP 0013-319131 T	Intersection Improvements	\$2,000,001	\$0	\$0	\$0	\$0	\$2,000,001
259424	CP 0016-259424	Dynamic Warning System	\$250,001	\$0	\$0	\$0	\$0	\$250,001
9313	CP 0022-9313 TST	Reclaim & Overlay	\$1,300,001	\$0	\$0	\$0	\$0	\$1,300,001
365478	CP 0025-365478	Culverts	\$350,001	\$0	\$0	\$0	\$0	\$350,001
275994	CP 0026-275994	Reclaim & Overlay	\$2,000,001	\$0	\$0	\$0	\$0	\$2,000,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
275030	CP 0026-275030 *	Reclaim & Overlay	\$1,700,001	\$0	\$0	\$0	\$0	\$1,700,001
293403	CP 0027-293403	RR Xing Improvement	\$250,000	\$0	\$0	\$0	\$0	\$250,000
352337	CP 0030-352337	Mill & Overlay C&G	\$225,001	\$0	\$0	\$0	\$0	\$225,001
341774	CP 0032-341774	Mill & Overlay	\$1,500,001	\$0	\$0	\$0	\$0	\$1,500,001
235496	CP 0041-235496	Bridge Construction	\$850,001	\$0	\$0	\$0	\$0	\$850,001
153278	CP 0044-153278 T	Mill & Overlay	\$1	\$0	\$0	\$0	\$0	\$1
153435	CP 0044-153435 T	Mill & Overlay	\$5,000,001	\$0	\$0	\$0	\$0	\$5,000,001
153441	CP 0044-153441 T	Mill & Overlay	\$1	\$0	\$0	\$0	\$0	\$1
300237	CP 0052-300237	Bridge Construction	\$500,001	\$0	\$0	\$0	\$0	\$500,001
155244	CP 0055-155244 T	Reclaim & Overlay	\$660,001	\$0	\$0	\$0	\$0	\$660,001
275616	CP 0061-275616	Bridge Construction	\$2,200,001	\$0	\$0	\$0	\$0	\$2,200,001
365151	CP 0065-365151	Scrub Seal	\$200,001	\$0	\$0	\$0	\$0	\$200,001
363849	CP 0066-363849	Culverts	\$120,001	\$0	\$0	\$0	\$0	\$120,001
355000	CP 0067-355000	Chip Seal	\$50,001	\$0	\$0	\$0	\$0	\$50,001
298686	CP 0068-298686 T	Reclaim & Overlay	\$800,001	\$0	\$0	\$0	\$0	\$800,001
304817	CP 0070-304817	Culvert Replacement	\$500,001	\$0	\$0	\$0	\$0	\$500,001
276911	CP 0073-276911	Reclaim & Overlay	\$515,001	\$0	\$0	\$0	\$0	\$515,001
363850	CP 077A-363850	Chip Seal	\$25,001	\$0	\$0	\$0	\$0	\$25,001
365159	CP 0077-365159	Scrub Seal	\$400,001	\$0	\$0	\$0	\$0	\$400,001
340081	CP 0097-340081	Culvert Replacement	\$200,001	\$0	\$0	\$0	\$0	\$200,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
340082	CP 0099-340082	Culvert Replacement	\$540,001	\$0	\$0	\$0	\$0	\$540,001
367289	CP 0100-367289	Culverts	\$50,001	\$0	\$0	\$0	\$0	\$50,001
313756	CP 0100-313756	Bridge Construction	\$500,001	\$0	\$0	\$0	\$0	\$500,001
352324	CP 0103-352324	Culverts	\$200,001	\$0	\$0	\$0	\$0	\$200,001
365169	CP 0104-365169	Scrub Seal	\$140,001	\$0	\$0	\$0	\$0	\$140,001
352326	CP 0111-352326	Culverts	\$225,001	\$0	\$0	\$0	\$0	\$225,001
364300	CP 0117-364300	Chip Seal	\$10,001	\$0	\$0	\$0	\$0	\$10,001
364914	CP 0118-364914	Chip Seal	\$5,001	\$0	\$0	\$0	\$0	\$5,001
363851	CP 0155-363851	Chip Seal	\$20,001	\$0	\$0	\$0	\$0	\$20,001
259391	CP 0180-259391	Bridge Construction	\$800,001	\$0	\$0	\$0	\$0	\$800,001
368353	CP 0256-368353	Reclaim & Overlay	\$300,001	\$0	\$0	\$0	\$0	\$300,001
317609	CP 0266-317609	Bridge Construction	\$750,001	\$0	\$0	\$0	\$0	\$750,001
240699	CP 0269-240699	Reclaim & Overlay	\$725,001	\$0	\$0	\$0	\$0	\$725,001
279351	CP 0290-279351	Bituminous Overlay	\$140,001	\$0	\$0	\$0	\$0	\$140,001
298687	CP 0303-298687 T	Reclaim & Overlay	\$800,001	\$0	\$0	\$0	\$0	\$800,001
298688	CP 0307-298688 T	Reclaim & Overlay	\$1,125,001	\$0	\$0	\$0	\$0	\$1,125,001
352327	CP 0341-352327	Culverts	\$60,001	\$0	\$0	\$0	\$0	\$60,001
257870	CP 0353-257870	Bridge Construction	\$50,001	\$0	\$0	\$0	\$0	\$50,001
259415	CP 0375-259415	Bridge Construction	\$300,001	\$0	\$0	\$0	\$0	\$300,001
153311	CP 0411-153311	Mill & Overlay	\$675,000	\$0	\$0	\$0	\$0	\$675,000

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> Project #	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
365171	CP 0414-365171	Scrub Seal	\$50,001	\$0	\$0	\$0	\$0	\$50,001
364301	CP 0415-364301	Chip Seal	\$10,001	\$0	\$0	\$0	\$0	\$10,001
312073	CP 0421-312073	Bridge Construction	\$300,001	\$0	\$0	\$0	\$0	\$300,001
365207	CP 0455-365207	Scrub Seal	\$15,001	\$0	\$0	\$0	\$0	\$15,001
365210	CP 0473-365210	Scrub Seal	\$20,001	\$0	\$0	\$0	\$0	\$20,001
364919	CP 0525-364919	Chip Seal	\$15,001	\$0	\$0	\$0	\$0	\$15,001
298689	CP 0526-298689 T	Reclaim & Overlay	\$525,001	\$0	\$0	\$0	\$0	\$525,001
365211	CP 0651-365211	Scrub Seal	\$60,001	\$0	\$0	\$0	\$0	\$60,001
365212	CP 0676-365212	Scrub Seal	\$45,001	\$0	\$0	\$0	\$0	\$45,001
277234	CP 0894-277234 T	Reclaim & Overlay	\$250,001	\$0	\$0	\$0	\$0	\$250,001
363599	CP 0898-363599	Culverts	\$150,001	\$0	\$0	\$0	\$0	\$150,001
363591	CP 0899-363591	Culverts	\$65,001	\$0	\$0	\$0	\$0	\$65,001
355001	CP 0913-355001	Chip Seal	\$50,001	\$0	\$0	\$0	\$0	\$50,001
363941	CP 0929-363941	Chip Seal	\$55,001	\$0	\$0	\$0	\$0	\$55,001
364302	CP 0945-364302	Chip Seal	\$15,001	\$0	\$0	\$0	\$0	\$15,001
328460	CP 5890-328460	Road Construction	\$100,001	\$0	\$0	\$0	\$0	\$100,001
271566	CP 8146-271566	Bridge Construction	\$900,001	\$0	\$0	\$0	\$0	\$900,001
368352	CP 9203-368352	Reclaim & Overlay	\$200,001	\$0	\$0	\$0	\$0	\$200,001
364920	CP 9221-364920	Chip Seal	\$30,001	\$0	\$0	\$0	\$0	\$30,001
364925	CP 9228-364925	Chip Seal	\$90,001	\$0	\$0	\$0	\$0	\$90,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
370067	CP 0000-370067	Bridge Rehab	\$0	\$50,001	\$0	\$0	\$0	\$50,001
367283	CP 0000-367283	Road Construction	\$0	\$150,001	\$0	\$0	\$0	\$150,001
293139	CP 0000-293139	Intersection Pavement Markings	\$0	\$270,001	\$0	\$0	\$0	\$270,001
293134	CP 0000-293134	6" Edgeline Striping	\$0	\$130,001	\$0	\$0	\$0	\$130,001
275392	CP 0000-275392	Ground In Striping	\$0	\$500,001	\$0	\$0	\$0	\$500,001
278673	CP 0000-278673	Crack Sealing	\$0	\$800,001	\$0	\$0	\$0	\$800,001
342005	CP 0004-342005	Intersection Improv.	\$0	\$2,500,001	\$0	\$0	\$0	\$2,500,001
276407	CP 0006-276407	Chip Seal	\$0	\$100,001	\$0	\$0	\$0	\$100,001
243164	CP 0006-243164	Reclaim & Overlay	\$0	\$2,000,001	\$0	\$0	\$0	\$2,000,001
293140	CP 0007-293140	Intersection Improvements	\$0	\$700,001	\$0	\$0	\$0	\$700,001
275996	CP 0009-275996	Reconstruction	\$0	\$1,500,001	\$0	\$0	\$0	\$1,500,001
275995	CP 0009-275995	Reclaim & Overlay	\$0	\$550,001	\$0	\$0	\$0	\$550,001
369671	CP 0009-369671	Traffic Signal Repl.	\$0	\$450,001	\$0	\$0	\$0	\$450,001
275816	CP 0012-275816	Reclaim & Overlay	\$0	\$1,149,001	\$0	\$0	\$0	\$1,149,001
276151	CP 0020-276151*	Reclaim & Overlay	\$0	\$400,001	\$0	\$0	\$0	\$400,001
275599	CP 0025-275599 T	Reclaim & Overlay	\$0	\$1,851,501	\$0	\$0	\$0	\$1,851,501
275802	CP 0043-275802	Reclaim & Overlay	\$0	\$1,050,001	\$0	\$0	\$0	\$1,050,001
243854	CP 0044-243854 T	Bridge Construction	\$0	\$850,001	\$0	\$0	\$0	\$850,001
300221	CP 0052-300221	Bridge Construction	\$0	\$1,000,001	\$0	\$0	\$0	\$1,000,001
300223	CP 0052-300223	Bridge Construction	\$0	\$1,000,001	\$0	\$0	\$0	\$1,000,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> Project #	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
276154	CP 0070-276154	Bituminous Overlay	\$0	\$1,000,001	\$0	\$0	\$0	\$1,000,001
276153	CP 0070-276153	Reclaim & Overlay	\$0	\$1,500,001	\$0	\$0	\$0	\$1,500,001
340072	CP 0091-340072	Sidewalk	\$0	\$340,001	\$0	\$0	\$0	\$340,001
276155	CP 0097-276155	Reclaim & Overlay	\$0	\$910,001	\$0	\$0	\$0	\$910,001
275033	CP 0099-275033	Reclaim & Overlay	\$0	\$2,150,001	\$0	\$0	\$0	\$2,150,001
243163	CP 0100-243163	Reclaim & Overlay	\$0	\$2,378,601	\$0	\$0	\$0	\$2,378,601
275610	CP 0103-275610	Reclaim & Overlay	\$0	\$780,501	\$0	\$0	\$0	\$780,501
367291	CP 0103-367291	Reclaim & Overlay	\$0	\$400,001	\$0	\$0	\$0	\$400,001
275034	CP 0111-275034 T	Reclaim & Overlay	\$0	\$1,300,001	\$0	\$0	\$0	\$1,300,001
275818	CP 0121-275818	Reclaim & Overlay	\$0	\$400,001	\$0	\$0	\$0	\$400,001
317611	CP 0137-317611	Bridge Construction	\$0	\$600,001	\$0	\$0	\$0	\$600,001
153302	CP 0162-153302 T	Bituminous Overlay	\$0	\$28,001	\$0	\$0	\$0	\$28,001
210717	CP 0244-210717	Reclaim & Overlay	\$0	\$325,001	\$0	\$0	\$0	\$325,001
276399	CP 0245-276399 T	Reclaim & Overlay	\$0	\$400,001	\$0	\$0	\$0	\$400,001
276400	CP 0248-276400 T	Reclaim & Overlay	\$0	\$315,001	\$0	\$0	\$0	\$315,001
276910	CP 0258-276910 T	Reclaim & Overlay	\$0	\$575,001	\$0	\$0	\$0	\$575,001
276401	CP 0277-276401	Reclaim & Overlay	\$0	\$425,001	\$0	\$0	\$0	\$425,001
257868	CP 0293-257868	Bridge Construction	\$0	\$1,100,001	\$0	\$0	\$0	\$1,100,001
300239	CP 0321-300239	Bridge Construction	\$0	\$10,001	\$0	\$0	\$0	\$10,001
319129	CP 0341-319129	Reclaim & Overlay	\$0	\$660,001	\$0	\$0	\$0	\$660,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
275035	CP 0343-275035	Reclaim & Overlay	\$0	\$1,500,001	\$0	\$0	\$0	\$1,500,001
328439	CP 0344-328439*	Br. Rail Transition	\$0	\$40,001	\$0	\$0	\$0	\$40,001
300227	CP 0452-300227	Bridge Construction	\$0	\$350,001	\$0	\$0	\$0	\$350,001
328440	CP 0464-328440	Br. Rail Transition	\$0	\$25,001	\$0	\$0	\$0	\$25,001
271724	CP 0481-271724	Bridge Construction	\$0	\$300,001	\$0	\$0	\$0	\$300,001
271722	CP 0491-271722	Bridge Construction	\$0	\$300,001	\$0	\$0	\$0	\$300,001
300240	CP 0542-300240	Bridge Construction	\$0	\$10,001	\$0	\$0	\$0	\$10,001
3758	CP 0715-3758 TST	New Construction	\$0	\$4,700,001	\$0	\$0	\$0	\$4,700,001
271725	CP 0916-271725	Bridge Construction	\$0	\$150,001	\$0	\$0	\$0	\$150,001
365978	CP 0982-365978	Reclaim & Overlay	\$0	\$200,001	\$0	\$0	\$0	\$200,001
262772	CP 0983-262772 T	Reclaim & Overlay	\$0	\$50,001	\$0	\$0	\$0	\$50,001
262771	CP 0984-262771 T	Reclaim & Overlay	\$0	\$250,001	\$0	\$0	\$0	\$250,001
262770	CP 0985-262770 T	Reclaim & Overlay	\$0	\$75,001	\$0	\$0	\$0	\$75,001
367279	CP 5492-367279	Bridge Removal	\$0	\$50,001	\$0	\$0	\$0	\$50,001
319130	CP 6528-319130	Reclaim & Overlay	\$0	\$500,001	\$0	\$0	\$0	\$500,001
328456	CP 8109-328456	Br. Rail Transition	\$0	\$40,001	\$0	\$0	\$0	\$40,001
1753	CP 8110-1753	Bridge Construction	\$0	\$800,001	\$0	\$0	\$0	\$800,001
328457	CP 8120-328457	Br. Rail Transition	\$0	\$40,001	\$0	\$0	\$0	\$40,001
153454	CP 8217-153454	Reclaim & Overlay	\$0	\$537,001	\$0	\$0	\$0	\$537,001
328458	CP 9218-328458	Br. Rail Transition	\$0	\$40,001	\$0	\$0	\$0	\$40,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
369582	CP 0000-369582	Ground In Striping	\$0	\$0	\$350,001	\$0	\$0	\$350,001
????	CP 0000-????	Crack Sealing	\$0	\$0	\$800,001	\$0	\$0	\$800,001
293137	CP 0000-293137	Traffic Safety	\$0	\$0	\$370,001	\$0	\$0	\$370,001
293138	CP 0000-293138	Traffic Safety	\$0	\$0	\$320,001	\$0	\$0	\$320,001
293135	CP 0000-293135	6" Edgeline Striping	\$0	\$0	\$70,001	\$0	\$0	\$70,001
293125	CP 0000-293125	Rumble Strips	\$0	\$0	\$280,001	\$0	\$0	\$280,001
297890	CP 0000-297890	Ped/Bike Trail	\$0	\$0	\$900,001	\$0	\$0	\$900,001
297890	CP 0000-297890	Ped/Bike Trail	\$0	\$0	\$900,001	\$0	\$0	\$900,001
352335	CP 0005-352335	Bridge Construction	\$0	\$0	\$900,001	\$0	\$0	\$900,001
261096	CP 0007-261096	Cold In Place Recycle	\$0	\$0	\$850,001	\$0	\$0	\$850,001
153439	CP 0007-153439	Mill & Overlay	\$0	\$0	\$2,525,001	\$0	\$0	\$2,525,001
300210	CP 0008-300210	Bridge Construction	\$0	\$0	\$500,001	\$0	\$0	\$500,001
369672	CP 0009-369672	Traffic Signal Repl.	\$0	\$0	\$450,001	\$0	\$0	\$450,001
300205	CP 0021-300205	Bridge Construction	\$0	\$0	\$800,001	\$0	\$0	\$800,001
299735	CP 0029-299735 T	Reclaim & Overlay	\$0	\$0	\$3,625,001	\$0	\$0	\$3,625,001
368445	CP 0029-368445	Reclaim & Overlay	\$0	\$0	\$4,825,001	\$0	\$0	\$4,825,001
299630	CP 0033-299630	Reclaim & Overlay	\$0	\$0	\$840,001	\$0	\$0	\$840,001
368455	CP 0041-368455	Reclaim & Overlay	\$0	\$0	\$875,001	\$0	\$0	\$875,001
299631	CP 0042-299631 T	Reclaim & Overlay	\$0	\$0	\$525,001	\$0	\$0	\$525,001
275801	CP 0050-275801	Reclaim & Overlay	\$0	\$0	\$1,092,001	\$0	\$0	\$1,092,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
284469	CP 0056-284469	Reclaim & Overlay	\$0	\$0	\$2,250,001	\$0	\$0	\$2,250,001
300202	CP 0065-300202	Bridge Construction	\$0	\$0	\$800,001	\$0	\$0	\$800,001
317612	CP 0065-317612	Bridge Construction	\$0	\$0	\$550,001	\$0	\$0	\$550,001
271720	CP 0108-271720	Bridge Construction	\$0	\$0	\$300,001	\$0	\$0	\$300,001
274367	CP 0108-274367	Bridge Construction	\$0	\$0	\$300,001	\$0	\$0	\$300,001
291203	CP 0110-291203	Scrub Seal	\$0	\$0	\$450,001	\$0	\$0	\$450,001
299084	CP 0116-299084	Reclaim & Overlay	\$0	\$0	\$1,000,001	\$0	\$0	\$1,000,001
276152	CP 0120-276152	Reclaim & Overlay	\$0	\$0	\$750,001	\$0	\$0	\$750,001
300209	CP 0133-300209	Bridge Construction	\$0	\$0	\$350,001	\$0	\$0	\$350,001
299086	CP 0151-299086*	Mill & Overlay	\$0	\$0	\$45,001	\$0	\$0	\$45,001
338059	CP 0155-338059	Complete Reconstruction	\$0	\$0	\$2,200,001	\$0	\$0	\$2,200,001
299087	CP 0156-299087	Mill & Overlay	\$0	\$0	\$200,001	\$0	\$0	\$200,001
299088	CP 0158-299088	Reclaim & Overlay	\$0	\$0	\$275,001	\$0	\$0	\$275,001
299734	CP 0276-299734 T	Reclaim & Overlay	\$0	\$0	\$350,001	\$0	\$0	\$350,001
368477	CP 0310-367477	Reclaim & Overlay	\$0	\$0	\$550,001	\$0	\$0	\$550,001
275618	CP 0317-275618 T	Reclaim & Overlay	\$0	\$0	\$168,001	\$0	\$0	\$168,001
299095	CP 0404-299095	Reclaim & Overlay	\$0	\$0	\$650,001	\$0	\$0	\$650,001
367292	CP 0453-367292	Reclaim & Overlay	\$0	\$0	\$700,001	\$0	\$0	\$700,001
299096	CP 0489-299096 T	Reclaim & Overlay	\$0	\$0	\$75,001	\$0	\$0	\$75,001
328292	CP 0526-328292	Bridge Removal	\$0	\$0	\$30,001	\$0	\$0	\$30,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
276409	CP 0540-276409	Chip Seal	\$0	\$0	\$116,001	\$0	\$0	\$116,001
352336	CP 0547-352336	Bridge Construction	\$0	\$0	\$150,001	\$0	\$0	\$150,001
367294	CP 0690-367294	Reclaim & Overlay	\$0	\$0	\$270,001	\$0	\$0	\$270,001
300213	CP 0745-300213	Bridge Construction	\$0	\$0	\$150,001	\$0	\$0	\$150,001
299097	CP 0803-299097	Reclaim & Overlay	\$0	\$0	\$850,001	\$0	\$0	\$850,001
275609	CP 0955-275609 T	Reclaim & Overlay	\$0	\$0	\$406,001	\$0	\$0	\$406,001
299098	CP 0989-299098	Reclaim & Overlay	\$0	\$0	\$650,001	\$0	\$0	\$650,001
367280	CP 8130-367280	Bridge Construction	\$0	\$0	\$700,001	\$0	\$0	\$700,001
300228	CP 9241-300228	Bridge Construction	\$0	\$0	\$800,001	\$0	\$0	\$800,001
347713	CP 0000-347713	6" Edgeline Striping	\$0	\$0	\$0	\$778,001	\$0	\$778,001
????	CP 0000-????	Crack Sealing	\$0	\$0	\$0	\$800,001	\$0	\$800,001
369584	CP 0000-369584	Ground In Striping	\$0	\$0	\$0	\$350,001	\$0	\$350,001
366245	CP 0004-366245	Bridge Construction	\$0	\$0	\$0	\$400,001	\$0	\$400,001
366248	CP 0004-366248	Bridge Construction	\$0	\$0	\$0	\$400,001	\$0	\$400,001
348220	CP 0005-348220	Mill & Overlay	\$0	\$0	\$0	\$1,150,001	\$0	\$1,150,001
370138	CP 0008-370138	Reclaim & Overlay	\$0	\$0	\$0	\$350,001	\$0	\$350,001
300207	CP 0010-300207	Bridge Construction	\$0	\$0	\$0	\$500,001	\$0	\$500,001
369677	CP 0013-369677	Traffic Signal Repl.	\$0	\$0	\$0	\$450,001	\$0	\$450,001
300230	CP 0014-300230	Bridge Construction	\$0	\$0	\$0	\$900,001	\$0	\$900,001
369575	CP 0017-369575	Reclaim & Overlay	\$0	\$0	\$0	\$455,001	\$0	\$455,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
370139	CP 0031-370139	Reclaim & Overlay	\$0	\$0	\$0	\$1,680,001	\$0	\$1,680,001
335046	CP 0043-335046	Reclaim & Overlay	\$0	\$0	\$0	\$3,143,825	\$0	\$3,143,825
326598	CP 0046-326598	Reclaim & Overlay	\$0	\$0	\$0	\$875,001	\$0	\$875,001
370140	CP 0047-370140	Reclaim & Overlay	\$0	\$0	\$0	\$665,001	\$0	\$665,001
369695	CP 0048-369695	Traffic Signal Repl.	\$0	\$0	\$0	\$450,001	\$0	\$450,001
366241	CP 0059-366241	Bridge Construction	\$0	\$0	\$0	\$800,001	\$0	\$800,001
348247	CP 0060-348247	Reclaim & Overlay	\$0	\$0	\$0	\$1,100,001	\$0	\$1,100,001
366244	CP 0070-366244	Bridge Construction	\$0	\$0	\$0	\$800,001	\$0	\$800,001
235499	CP 0101-235499	Bridge Construction	\$0	\$0	\$0	\$1,000,001	\$0	\$1,000,001
275617	CP 0137-275617 T	Reclaim & Overlay	\$0	\$0	\$0	\$2,325,001	\$0	\$2,325,001
300190	CP 0186-300190	Bridge Construction	\$0	\$0	\$0	\$650,001	\$0	\$650,001
369580	CP 0199-369580	Reclaim & Overlay	\$0	\$0	\$0	\$1,125,001	\$0	\$1,125,001
369581	CP 0229-369581	Reclaim & Overlay	\$0	\$0	\$0	\$125,001	\$0	\$125,001
317610	CP 0600-317610	Bridge Construction	\$0	\$0	\$0	\$800,001	\$0	\$800,001
300191	CP 0620-300191	Bridge Construction	\$0	\$0	\$0	\$700,001	\$0	\$700,001
300225	CP 0666-300225	Bridge Construction	\$0	\$0	\$0	\$500,001	\$0	\$500,001
142593	CP 0666-142593	Reclaim & Overlay	\$0	\$0	\$0	\$2,500,000	\$0	\$2,500,000
189123	CP 0692-189123 T	Mill & Overlay	\$0	\$0	\$0	\$1,298,001	\$0	\$1,298,001
367297	CP 0704-367297	Reclaim & Overlay	\$0	\$0	\$0	\$125,001	\$0	\$125,001
275608	CP 0708-275608 T	Reclaim & Overlay	\$0	\$0	\$0	\$560,001	\$0	\$560,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
369579	CP 0724-369579	Reclaim & Overlay	\$0	\$0	\$0	\$140,001	\$0	\$140,001
299736	CP 0818-299736 T	Reclaim & Overlay	\$0	\$0	\$0	\$700,001	\$0	\$700,001
347809	CP 0950-347809	Intersection Reconstruction	\$0	\$0	\$0	\$800,001	\$0	\$800,001
367298	CP 9112-367298	Reclaim & Overlay	\$0	\$0	\$0	\$120,001	\$0	\$120,001
367299	CP 9126-367299	Reclaim & Overlay	\$0	\$0	\$0	\$210,001	\$0	\$210,001
????	CP 0000-????	Crack Sealing	\$0	\$0	\$0	\$0	\$800,001	\$800,001
369669	CP 0000-369669	Ground In Striping	\$0	\$0	\$0	\$0	\$350,001	\$350,001
369573	CP 0002-369573	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$350,001	\$350,001
367845	CP 0004-367845	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$560,001	\$560,001
369674	CP 0007-369674	Intersection Improvements	\$0	\$0	\$0	\$0	\$800,001	\$800,001
369555	CP 0009-369555	Mill & Overlay	\$0	\$0	\$0	\$0	\$175,001	\$175,001
369684	CP 0011-369684	Traffic Signal Repl.	\$0	\$0	\$0	\$0	\$600,001	\$600,001
369564	CP 0013-369564	Mill & Overlay	\$0	\$0	\$0	\$0	\$450,001	\$450,001
369675	CP 0013-369675	Intersection Improvements	\$0	\$0	\$0	\$0	\$1,500,001	\$1,500,001
368481	CP 0015-368481	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$810,001	\$810,001
314089	CP 0024-314089	Bridge Construction	\$0	\$0	\$0	\$0	\$700,001	\$700,001
367941	CP 0025-367941	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$920,001	\$920,001
367949	CP 0025-367949	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$800,001	\$800,001
367933	CP 0027-367933	Mill & Overlay	\$0	\$0	\$0	\$0	\$2,600,001	\$2,600,001
368337	CP 0037-368337	Bridge Construction	\$0	\$0	\$0	\$0	\$500,001	\$500,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> Project #	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
368339	CP 0038-368339	Bridge Construction	\$0	\$0	\$0	\$0	\$500,001	\$500,001
139601	CP 0043-139601	Road Construction	\$0	\$0	\$0	\$0	\$3,000,001	\$3,000,001
369538	CP 0048-369538	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$510,001	\$510,001
368343	CP 0051-368343	Bridge Construction	\$0	\$0	\$0	\$0	\$1,200,001	\$1,200,001
368342	CP 0084-368342	Bridge Construction	\$0	\$0	\$0	\$0	\$400,001	\$400,001
368480	CP 0091-368480	Mill & Overlay	\$0	\$0	\$0	\$0	\$225,001	\$225,001
367846	CP 0138-367846	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$1,400,001	\$1,400,001
369577	CP 0242-369577	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$350,001	\$350,001
369554	CP 0285-369554	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$300,001	\$300,001
368346	CP 0315-368346	Bridge Construction	\$0	\$0	\$0	\$0	\$750,001	\$750,001
367855	CP 0396-367855	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$180,001	\$180,001
367940	CP 0444-367940	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$2,200,001	\$2,200,001
367955	CP 0478-367955	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$500,001	\$500,001
368347	CP 0500-368347	Bridge Construction	\$0	\$0	\$0	\$0	\$400,001	\$400,001
369567	CP 0530-369567	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$700,001	\$700,001
368348	CP 0632-368348	Bridge Construction	\$0	\$0	\$0	\$0	\$400,001	\$400,001
368349	CP 0825-368349	Bridge Construction	\$0	\$0	\$0	\$0	\$1,000,001	\$1,000,001
368350	CP 0874-368350	Bridge Construction	\$0	\$0	\$0	\$0	\$300,001	\$300,001
369578	CP 0877-369578	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$350,001	\$350,001
369571	CP 0885-369571	Reclaim & Overlay	\$0	\$0	\$0	\$0	\$280,001	\$280,001

**2018-2022 Capital Improvements
Program Summary
Public Works Road and Bridge**

<u>County</u> <u>Project #</u>	<u>State Project #</u>	<u>Construction Type</u>	<u>2018 Cost</u>	<u>2019 Cost</u>	<u>2020 Cost</u>	<u>2021 Cost</u>	<u>2022 Cost</u>	<u>Total Cost</u>
368351	CP 0980-368351	Bridge Construction	\$0	\$0	\$0	\$0	\$600,001	\$600,001
			\$40,466,077	\$42,554,660	\$37,882,049	\$29,724,859	\$27,460,036	\$178,087,681

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 305083 - CP 0000-305083 - Complete Rebuild -

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. 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 Rebuild - (Commonwealth) - Commonwealth Ave. between Prescott St. and Hudson Blvd.

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 #: 305083

STATE PROJECT #: CP 0000-305083

ROAD #:

ROAD NAME: Commonwealth

BRIDGE #: NA

SECTION: 10 / **TOWNSHIP:** 48 / **RANGE:** 15

ESTIMATED COST: \$500,001.00

FUNDING SOURCE: SPRA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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 SLI

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 275390 - CP 0000-275390 - Ground In 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: Ground In 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 #: 275390

STATE PROJECT #: CP 0000-275390

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369995 - CP 0000-369995 - Road Construction -

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: Road Construction - (Kayak Bay) - Grand Ave. to St. Louis River - Kayak Bay

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 maintaince resources, but it may also lessen the impact of traffic on other existing bridge and road assets.

PROJECT INFORMATION

COUNTY PROJECT #: 369995

STATE PROJECT #: CP 0000-369995

ROAD #:

ROAD NAME: Kayak Bay

BRIDGE #: NA

SECTION: 23 / **TOWNSHIP:** 49 / **RANGE:** 15

ESTIMATED COST: \$1,350,001.00

FUNDING SOURCE: TST/SPRA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$900,001.00	\$450,000.00	\$0.00	\$1,350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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

COUNTY PROJECT #: 259423

STATE PROJECT #: CP 0000-259423

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$58,001.00

FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$5,801.00	\$0.00	\$0.00	\$52,200.00	\$0.00	\$58,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369683 - CP 0000-369683 - Traffic Signal Upgrades -

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: Traffic Signal Upgrades - () - Various locations in Duluth and 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 #: 369683

STATE PROJECT #: CP 0000-369683

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$60,001.00

FUNDING SOURCE: Local/Other

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$60,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365576 - CP 0000-365576 - Reclaim & Overlay - CSAH 0

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 0 (Western Ave) - Western Ave from Spruce St to 400' 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 #: 365576

STATE PROJECT #: CP 0000-365576

ROAD #: CSAH 0

ROAD NAME: Western Ave

BRIDGE #: NA

SECTION: 15 / **TOWNSHIP:** 53 / **RANGE:** 19

ESTIMATED COST: \$25,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$25,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 244396 - CP 0003-244396 - Reclaim & Overlay - CSAH 3

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 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: \$500,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 354998 - CP 0005-354998 - 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 (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 #: 354998

STATE PROJECT #: CP 0005-354998

ROAD #: CSAH 5

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
2018	\$48,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$2,700,001.00	\$0.00	\$2,700,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 356728 - CP 0006-356728 - Traffic Signal Upgrades - CSAH 6

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: Traffic Signal Upgrades - CSAH 6 (Maple Grove Rd.) - Maple Grove intersections w Loberg, Haines, Burning Tree and Mall Drive

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 #: 356728 **STATE PROJECT #:** CP 0006-356728 **ROAD #:** CSAH 6

ROAD NAME: Maple Grove Rd. **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$30,000.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$30,000.00	\$0.00	\$30,000.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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: \$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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 319131 - CP 0013-319131 TST - Intersection Improvements - 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: Intersection Improvements - CSAH 13 (Midway Rd.) - Intersection of Midway Road (CSAH 13) and Maple Grove Road (CSAH 6)

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 #: 319131

STATE PROJECT #: CP 0013-319131 TST

ROAD #: CSAH 13

ROAD NAME: Midway Rd.

BRIDGE #: NA

SECTION: 17 / **TOWNSHIP:** 50 / **RANGE:** 17

ESTIMATED COST: \$2,000,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$2,000,001.00	\$0.00	\$0.00	\$2,000,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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: \$1,300,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$1,300,001.00	\$0.00	\$0.00	\$1,300,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365478 - CP 0025-365478 - Culverts - CSAH 25

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: Culverts - CSAH 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 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 #: 365478

STATE PROJECT #: CP 0025-365478

ROAD #: CSAH 25

ROAD NAME:

BRIDGE #: NA

SECTION: 13 / TOWNSHIP: 56 / RANGE: 19

ESTIMATED COST: \$350,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$350,001.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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.) - TH 135 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 #: 275994

STATE PROJECT #: CP 0026-275994

ROAD #: CSAH 26

ROAD NAME: Wahlsten Rd.

BRIDGE #: NA

SECTION: 29 / **TOWNSHIP:** 61 / **RANGE:** 15

ESTIMATED COST: \$2,000,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$2,000,001.00	\$0.00	\$2,000,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 293403 - CP 0027-293403 - 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 USDOT 251950L

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 0027-293403

ROAD #: CSAH 27

ROAD NAME: Zim Rd.

BRIDGE #: NA

SECTION: 27 / **TOWNSHIP:** 56 / **RANGE:** 18

ESTIMATED COST: \$250,000.00

FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$250,000.00	\$0.00	\$250,000.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 352337 - CP 0030-352337 - Mill & Overlay C&G - CSAH 30

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 C&G - CSAH 30 (7TH Avenue) - TH 2 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 roadway in a condition acceptable to the driving public.

PROJECT INFORMATION

COUNTY PROJECT #: 352337

STATE PROJECT #: CP 0030-352337

ROAD #: CSAH 30

ROAD NAME: 7TH Avenue

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$225,001.00

FUNDING SOURCE: MSA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$225,001.00	\$0.00	\$225,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 341774 - CP 0032-341774 - Mill & Overlay - CSAH 32

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 - CSAH 32 (Arrowhead Road) - 1400' East of CSAH 91 (Haines Rd) to CSAH 90 (Arlington 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 #: 341774

STATE PROJECT #: CP 0032-341774

ROAD #: CSAH 32

ROAD NAME: Arrowhead Road

BRIDGE #: NA

SECTION: / TOWNSHIP: 50 / RANGE: 14

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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

COUNTY PROJECT #: 235496 **STATE PROJECT #:** CP 0041-235496 **ROAD #:** CSAH 41

ROAD NAME: Culbertson Rd. **BRIDGE #:** 70 **SECTION:** 36 / **TOWNSHIP:** 53 / **RANGE:** 12

ESTIMATED COST: \$850,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$850,001.00	\$0.00	\$850,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153441 - CP 0044-153441 TST - Mill & Overlay - 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 at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: Mill & Overlay - 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 roadway in a condition acceptable to the driving public.

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: \$1.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$1.00	\$0.00	\$0.00	\$1.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153435 - CP 0044-153435 TST - Mill & Overlay - 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 at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: Mill & Overlay - 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 roadway in a condition acceptable to the driving public.

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: \$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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153278 - CP 0044-153278 TST - Mill & Overlay - 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 at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: Mill & Overlay - 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 roadway in a condition acceptable to the driving public.

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: \$1.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$1.00	\$0.00	\$0.00	\$1.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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
2018	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$660,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$660,001.00	\$0.00	\$0.00	\$660,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$2,200,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$2,200,001.00	\$0.00	\$2,200,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365151 - CP 0065-365151 - Scrub Seal - CSAH 65

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. 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 So. Jct. to CSAH 5 No. Jct.

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 #: 365151

STATE PROJECT #: CP 0065-365151

ROAD #: CSAH 65

ROAD NAME:

BRIDGE #: NA

SECTION: 5 / **TOWNSHIP:** 59 / **RANGE:** 21

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 363849 - CP 0066-363849 - Culverts - CSAH 66

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: Culverts - CSAH 66 (McNiven Rd) - TH 73 to 0.4 miles East

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 #: 363849

STATE PROJECT #: CP 0066-363849

ROAD #: CSAH 66

ROAD NAME: McNiven Rd

BRIDGE #: NA

SECTION: 16 / **TOWNSHIP:** 58 / **RANGE:** 20

ESTIMATED COST: \$120,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$120,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$120,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 355000 - CP 0067-355000 - Chip Seal - CSAH 67

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 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 #: 355000

STATE PROJECT #: CP 0067-355000

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
2018	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 304817 - CP 0070-304817 - Culvert Replacement - CSAH 70

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 70 (Hwy 70) - CSAH 21 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 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 #: 304817

STATE PROJECT #: CP 0070-304817

ROAD #: CSAH 70

ROAD NAME: Hwy 70

BRIDGE #: NA

SECTION: 2 / **TOWNSHIP:** 60 / **RANGE:** 13

ESTIMATED COST: \$500,001.00

FUNDING SOURCE: MSA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 363850 - CP 077A-363850 - Chip Seal - CSAH 77

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 77 (Old Hwy 77) - CSAH 77 to CSAH 77

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 #: 363850

STATE PROJECT #: CP 077A-363850

ROAD #: CSAH 77

ROAD NAME: Old Hwy 77

BRIDGE #: NA

SECTION: 17 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$25,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$25,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365159 - CP 0077-365159 - Scrub Seal - CSAH 77

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. 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 77 () - TH 169 to CR 929

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 #: 365159

STATE PROJECT #: CP 0077-365159

ROAD #: CSAH 77

ROAD NAME:

BRIDGE #: NA

SECTION: 10 / **TOWNSHIP:** 61 / **RANGE:** 16

ESTIMATED COST: \$400,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$400,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 340081 - CP 0097-340081 - Culvert Replacement - CSAH 97

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 97 (Ajax Road) - CSAH 97 from 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 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 #: 340081

STATE PROJECT #: CP 0097-340081

ROAD #: CSAH 97

ROAD NAME: Ajax Road

BRIDGE #: NA

SECTION: 28 / **TOWNSHIP:** 58 / **RANGE:** 16

ESTIMATED COST: \$200,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$200,001.00	\$0.00	\$200,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 340082 - CP 0099-340082 - Culvert Replacement - CSAH 99

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 99 (Hwy 99) - CSAH 99 from 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 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 #: 340082 **STATE PROJECT #:** CP 0099-340082 **ROAD #:** CSAH 99

ROAD NAME: Hwy 99 **BRIDGE #:** NA **SECTION:** 34 / **TOWNSHIP:** 57 / **RANGE:** 15

ESTIMATED COST: \$540,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$540,001.00	\$0.00	\$540,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 313756 - CP 0100-313756 - Bridge Construction - CSAH 100

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 100 (Hwy 100) - 1.70 Miles South of the City of Aurora 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 #: 313756

STATE PROJECT #: CP 0100-313756

ROAD #: CSAH 100

ROAD NAME: Hwy 100

BRIDGE #: 489

SECTION: 22 / **TOWNSHIP:** 58 / **RANGE:** 15

ESTIMATED COST: \$500,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367289 - CP 0100-367289 - Culverts - CSAH 100

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: Culverts - CSAH 100 (Main St) - 600' N of CSAH 130

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 #: 367289

STATE PROJECT #: CP 0100-367289

ROAD #: CSAH 100

ROAD NAME: Main St

BRIDGE #: NA

SECTION: 10 / **TOWNSHIP:** 58 / **RANGE:** 15

ESTIMATED COST: \$50,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 352324 - CP 0103-352324 - Culverts - CSAH 103

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: Culverts - CSAH 103 () - 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 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 #: 352324

STATE PROJECT #: CP 0103-352324

ROAD #: CSAH 103

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$200,001.00

FUNDING SOURCE: MSA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$200,001.00	\$0.00	\$200,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365169 - CP 0104-365169 - Scrub Seal - CSAH 104

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. 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 104 (Lk Verm. Res.) - CSAH 77 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 #: 365169

STATE PROJECT #: CP 0104-365169

ROAD #: CSAH 104

ROAD NAME: Lk Verm. Res.

BRIDGE #: NA

SECTION: 34 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$140,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$140,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$140,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 352326 - CP 0111-352326 - Culverts - CSAH 111

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: Culverts - CSAH 111 () - 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 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 #: 352326

STATE PROJECT #: CP 0111-352326

ROAD #: CSAH 111

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$225,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$0.00	\$225,001.00	\$0.00	\$225,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 364300 - CP 0117-364300 - Chip Seal - CSAH 117

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 117 (Main St.) - TH 169 to CSAH 118 (3rd 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 #: 364300

STATE PROJECT #: CP 0117-364300

ROAD #: CSAH 117

ROAD NAME: Main St.

BRIDGE #: NA

SECTION: 24 / **TOWNSHIP:** 63 / **RANGE:** 12

ESTIMATED COST: \$10,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$10,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 364914 - CP 0118-364914 - Chip Seal - CSAH 118

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 118 (3rd Ave W) - CSAH 117 (Main St) to 520' West

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 #: 364914 **STATE PROJECT #:** CP 0118-364914 **ROAD #:** CSAH 118

ROAD NAME: 3rd Ave W **BRIDGE #:** NA **SECTION:** 24 / **TOWNSHIP:** 63 / **RANGE:** 12

ESTIMATED COST: \$5,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$5,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 363851 - CP 0155-363851 - Chip Seal - CSAH 155

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 155 (8th Ave E) - James St (CSAH 155) to Camp St (CSAH 152)

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 #: 363851

STATE PROJECT #: CP 0155-363851

ROAD #: CSAH 155

ROAD NAME: 8th Ave E

BRIDGE #: NA

SECTION: 34 / **TOWNSHIP:** 63 / **RANGE:** 12

ESTIMATED COST: \$20,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$20,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$800,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$800,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368353 - CP 0256-368353 - 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 TR 2412

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 #: 368353 **STATE PROJECT #:** CP 0256-368353 **ROAD #:** CR 256

ROAD NAME: Branch Rd. W. **BRIDGE #:** NA **SECTION:** 19 / **TOWNSHIP:** 54 / **RANGE:** 12

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 317609 - CP 0266-317609 - Bridge Construction - CR 266

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 266 (Fox Farm Rd.) - 2.25 Mi. East of 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 #: 317609 **STATE PROJECT #:** CP 0266-317609 **ROAD #:** CR 266

ROAD NAME: Fox Farm Rd. **BRIDGE #:** 65 **SECTION:** 30 / **TOWNSHIP:** 53 / **RANGE:** 12

ESTIMATED COST: \$750,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$750,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$750,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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	\$200,001.00	\$0.00	\$0.00	\$525,000.00	\$0.00	\$725,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 279351 - CP 0290-279351 - Bituminous Overlay - CR 290

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: Bituminous Overlay - 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 roadway in a condition acceptable to the driving public.

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: \$140,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$140,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$140,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 352327 - CP 0341-352327 - Culverts - CR 341

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: Culverts - CR 341 () - End of Bituminous to TWP 6528

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 #: 352327

STATE PROJECT #: CP 0341-352327

ROAD #: CR 341

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$60,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$60,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$50,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$675,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$675,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$675,000.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365171 - CP 0414-365171 - Scrub Seal - CR 414

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. 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 414 (Everett Bay Rd) - CSAH 77 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 #: 365171 **STATE PROJECT #:** CP 0414-365171 **ROAD #:** CR 414

ROAD NAME: Everett Bay Rd **BRIDGE #:** NA **SECTION:** 22 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$50,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 364301 - CP 0415-364301 - Chip Seal - CR 415

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 415 (Arrowhead Pt Rd) - CSAH 77/CR 929 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 #: 364301

STATE PROJECT #: CP 0415-364301

ROAD #: CR 415

ROAD NAME: Arrowhead Pt Rd

BRIDGE #: NA

SECTION: 4 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$10,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$10,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 312073 - CP 0421-312073 - Bridge Construction - CR 421

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 421 (Sassas Rd.) - 0.4 Mi. South of CSAH 87 over Sassas 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 #: 312073

STATE PROJECT #: CP 0421-312073

ROAD #: CR 421

ROAD NAME: Sassas Rd.

BRIDGE #: 299

SECTION: 2 / **TOWNSHIP:** 61 / **RANGE:** 18

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365207 - CP 0455-365207 - Scrub Seal - CR 455

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. 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 455 (Sundling Rd) - CR 676 (Fectos 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 #: 365207 **STATE PROJECT #:** CP 0455-365207 **ROAD #:** CR 455

ROAD NAME: Sundling Rd **BRIDGE #:** NA **SECTION:** 6 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$15,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$15,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365210 - CP 0473-365210 - Scrub Seal - CR 473

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. 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 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 #: 365210

STATE PROJECT #: CP 0473-365210

ROAD #: CR 473

ROAD NAME: Green Rock Rd

BRIDGE #: NA

SECTION: 30 / **TOWNSHIP:** 60 / **RANGE:** 21

ESTIMATED COST: \$20,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$20,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 364919 - CP 0525-364919 - Chip Seal - CR 525

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 525 (Esquagama Rd) - UT 9228 to UT 9228

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 #: 364919

STATE PROJECT #: CP 0525-364919

ROAD #: CR 525

ROAD NAME: Esquagama Rd

BRIDGE #: NA

SECTION: 34 / **TOWNSHIP:** 58 / **RANGE:** 16

ESTIMATED COST: \$15,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$15,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365211 - CP 0651-365211 - Scrub Seal - CR 651

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. 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 651 (Birch Point Rd) - CSAH 77 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 #: 365211 **STATE PROJECT #:** CP 0651-365211 **ROAD #:** CR 651

ROAD NAME: Birch Point Rd **BRIDGE #:** NA **SECTION:** 7 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$60,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$60,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365212 - CP 0676-365212 - Scrub Seal - CR 676

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. 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 676 (Fectos Rd) - CSAH 77 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 #: 365212 **STATE PROJECT #:** CP 0676-365212 **ROAD #:** CR 676

ROAD NAME: Fectos Rd **BRIDGE #:** NA **SECTION:** 7 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$45,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$45,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$250,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$0.00	\$0.00	\$250,001.00	\$0.00	\$0.00	\$250,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 363599 - CP 0898-363599 - Culverts - CR 898

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: Culverts - CR 898 (Lindahl Rd) - 0.1 miles N of Hallie 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 #: 363599

STATE PROJECT #: CP 0898-363599

ROAD #: CR 898

ROAD NAME: Lindahl Rd

BRIDGE #: NA

SECTION: 29 / **TOWNSHIP:** 49 / **RANGE:** 15

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 363591 - CP 0899-363591 - Culverts - CR 899

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: Culverts - CR 899 (Halie Rd) - 0.4 miles east of (TR 5491) Erickson 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 #: 363591

STATE PROJECT #: CP 0899-363591

ROAD #: CR 899

ROAD NAME: Halie Rd

BRIDGE #: NA

SECTION: 29 / **TOWNSHIP:** 49 / **RANGE:** 15

ESTIMATED COST: \$65,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$65,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$65,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 355001 - CP 0913-355001 - Chip Seal - CR 913

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 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 #: 355001 **STATE PROJECT #:** CP 0913-355001 **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
2018	\$50,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 363941 - CP 0929-363941 - Chip Seal - CR 929

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 929 (Moccasin Pt Rd) - CSAH 77 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 #: 363941 **STATE PROJECT #:** CP 0929-363941 **ROAD #:** CR 929

ROAD NAME: Moccasin Pt Rd **BRIDGE #:** NA **SECTION:** 4 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$55,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$55,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 364302 - CP 0945-364302 - Chip Seal - CR 945

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 945 (Main St.) - CSAH 118 (3rd Ave) to 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 highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

PROJECT INFORMATION

COUNTY PROJECT #: 364302

STATE PROJECT #: CP 0945-364302

ROAD #: CR 945

ROAD NAME: Main St.

BRIDGE #: NA

SECTION: 24 / **TOWNSHIP:** 63 / **RANGE:** 12

ESTIMATED COST: \$15,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$15,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 328460 - CP 5890-328460 - Road Construction - UT 5890

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: Road Construction - UT 5890 (Kacer Rd) - CSAH 7 to 0.3 miles south (Kacer Rd)

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 maintenance resources, but it may also lessen the impact of traffic on other existing bridge and road assets.

PROJECT INFORMATION

COUNTY PROJECT #: 328460

STATE PROJECT #: CP 5890-328460

ROAD #: UT 5890

ROAD NAME: Kacer Rd

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$100,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$100,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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

COUNTY PROJECT #: 271566 **STATE PROJECT #:** CP 8146-271566 **ROAD #:** UT 8146

ROAD NAME: Jacobs Rd. **BRIDGE #:** 818 **SECTION:** 9 / **TOWNSHIP:** 66 / **RANGE:** 20

ESTIMATED COST: \$900,001.00

FUNDING SOURCE: TB/UT

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368352 - CP 9203-368352 - 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

COUNTY PROJECT #: 368352 **STATE PROJECT #:** CP 9203-368352 **ROAD #:** UT 9203

ROAD NAME: Branch Rd. W. **BRIDGE #:** NA **SECTION:** 24 / **TOWNSHIP:** 54 / **RANGE:** 13

ESTIMATED COST: \$200,001.00 **FUNDING SOURCE:** 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 364920 - CP 9221-364920 - Chip Seal - UT 9221

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 - UT 9221 (Raymond Rd) - CSAH 4 to UT 9228

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 #: 364920

STATE PROJECT #: CP 9221-364920

ROAD #: UT 9221

ROAD NAME: Raymond Rd

BRIDGE #: NA

SECTION: 2 / **TOWNSHIP:** 57 / **RANGE:** 16

ESTIMATED COST: \$30,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$30,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 364925 - CP 9228-364925 - Chip Seal - UT 9228

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 - UT 9228 (Esquagama Rd) - CSAH 20 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 #: 364925

STATE PROJECT #: CP 9228-364925

ROAD #: UT 9228

ROAD NAME: Esquagama Rd

BRIDGE #: NA

SECTION: 4 / **TOWNSHIP:** 57 / **RANGE:** 16

ESTIMATED COST: \$90,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2018	\$90,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$90,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 370067 - CP 0000-370067 - Bridge Rehab -

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 - () - Driveway off CSAH 25

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 #: 370067

STATE PROJECT #: CP 0000-370067

ROAD #:

ROAD NAME:

BRIDGE #: 703

SECTION: 26 / **TOWNSHIP:** 58 / **RANGE:** 19

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$800,001.00

FUNDING SOURCE: SLI&Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$500,001.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 275392 - CP 0000-275392 - Ground In 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: Ground In 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: \$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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367283 - CP 0000-367283 - Road Construction -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2019

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: Road Construction - () - Land Dept entrance off TH 135

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 maintaince resources, but it may also lessen the impact of traffic on other existing bridge and road assets.

PROJECT INFORMATION

COUNTY PROJECT #: 367283

STATE PROJECT #: CP 0000-367283

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: 21 / TOWNSHIP: 58 / RANGE: 17

ESTIMATED COST: \$150,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$150,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 342005 - CP 0004-342005 - Intersection Improv. - CSAH 4

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 Improv. - CSAH 4 (Rice Lake Road) - 800' S of Arrowhead to 1000' N of Technology Dr

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 #: 342005

STATE PROJECT #: CP 0004-342005

ROAD #: CSAH 4

ROAD NAME: Rice Lake Road

BRIDGE #: NA

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

ESTIMATED COST: \$2,500,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$2,500,001.00	\$0.00	\$2,500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$700,001.00

FUNDING SOURCE: Fed/State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$175,000.00	\$0.00	\$0.00	\$525,001.00	\$0.00	\$700,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$550,001.00	\$0.00	\$550,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369671 - CP 0009-369671 - Traffic Signal Repl. - CSAH 9

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: Traffic Signal Repl. - CSAH 9 (Woodland Ave) - Int. of Woodland (CSAH 9) & Arrowhead 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 #: 369671

STATE PROJECT #: CP 0009-369671

ROAD #: CSAH 9

ROAD NAME: Woodland Ave

BRIDGE #: NA

SECTION: 11 / **TOWNSHIP:** 50 / **RANGE:** 14

ESTIMATED COST: \$450,001.00

FUNDING SOURCE: TST/Other

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$225,001.00	\$0.00	\$225,000.00	\$450,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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/MSA

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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:** MSA

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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: \$850,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$850,001.00	\$0.00	\$850,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$1,000,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$1,000,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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) - 800' West of 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: \$1,000,001.00 **FUNDING SOURCE:** MSA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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 800' West of 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: \$1,500,001.00

FUNDING SOURCE: MSA

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 340072 - CP 0091-340072 - Sidewalk - CSAH 91

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: Sidewalk - CSAH 91 (Haines Road) - CSAH 91 from TH 53 to CSAH 32

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 #: 340072

STATE PROJECT #: CP 0091-340072

ROAD #: CSAH 91

ROAD NAME: Haines Road

BRIDGE #: NA

SECTION: 13 / **TOWNSHIP:** 50 / **RANGE:** 15

ESTIMATED COST: \$340,001.00

FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$340,001.00	\$0.00	\$340,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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:** MSA

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367291 - CP 0103-367291 - 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 (Old Hwy 53) - Virginia city limits 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 #: 367291

STATE PROJECT #: CP 0103-367291

ROAD #: CSAH 103

ROAD NAME: Old Hwy 53

BRIDGE #: NA

SECTION: 31 / **TOWNSHIP:** 59 / **RANGE:** 17

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: MSA

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 317611 - CP 0137-317611 - Bridge Construction - 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. 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 137 (Spirit Lake Rd.) - 0.3 Mi. South of CR 925

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 #: 317611 **STATE PROJECT #:** CP 0137-317611 **ROAD #:** CSAH 137

ROAD NAME: Spirit Lake Rd. **BRIDGE #:** 550 **SECTION:** 31 / **TOWNSHIP:** 58 / **RANGE:** 18

ESTIMATED COST: \$600,001.00 **FUNDING SOURCE:** MSA

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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: \$1,100,001.00

FUNDING SOURCE: Federal/TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$220,001.00	\$880,000.00	\$0.00	\$1,100,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$10,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$10,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 319129 - CP 0341-319129 - Reclaim & Overlay - CR 341

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 341 (Stepetz Rd) - End of Bituminous to TWP 6528

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 #: 319129

STATE PROJECT #: CP 0341-319129

ROAD #: CR 341

ROAD NAME: Stepetz Rd

BRIDGE #: NA

SECTION: 20 / **TOWNSHIP:** 58 / **RANGE:** 15

ESTIMATED COST: \$660,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$660,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$660,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 328439 - CP 0344-328439* - Br. Rail Transition - CR 344

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: Br. Rail Transition - CR 344 () -

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 #: 328439 **STATE PROJECT #:** CP 0344-328439* **ROAD #:** CR 344

ROAD NAME: **BRIDGE #:** 413 **SECTION:** 3 / **TOWNSHIP:** 56 / **RANGE:** 15

ESTIMATED COST: \$40,001.00 **FUNDING SOURCE:** TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$40,001.00	\$0.00	\$0.00	\$40,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$350,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$350,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 328440 - CP 0464-328440 - Br. Rail Transition - CR 464

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: Br. Rail Transition - CR 464 () -

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 #: 328440

STATE PROJECT #: CP 0464-328440

ROAD #: CR 464

ROAD NAME:

BRIDGE #: 250

SECTION: 9 / **TOWNSHIP:** 58 / **RANGE:** 21

ESTIMATED COST: \$25,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$25,001.00	\$0.00	\$0.00	\$25,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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

COUNTY PROJECT #: 271722

STATE PROJECT #: CP 0491-271722

ROAD #: CR 491

ROAD NAME: Roini Rd.

BRIDGE #: 646

SECTION: 25 / **TOWNSHIP:** 61 / **RANGE:** 20

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$10,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$10,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 3758 - CP 0715-3758 TST - New Construction - CR 715

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2019

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 715 (Pike River Rd.) - TH#135/CSAH 4 intersection to CR #715 at north Biwabik City Limits

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 maintenance resources, but it may also lessen the impact of traffic on other existing bridge and road assets.

PROJECT INFORMATION

COUNTY PROJECT #: 3758

STATE PROJECT #: CP 0715-3758 TST

ROAD #: CR 715

ROAD NAME: Pike River Rd.

BRIDGE #: NA

SECTION: 2 / **TOWNSHIP:** 58 / **RANGE:** 16

ESTIMATED COST: \$4,700,001.00

FUNDING SOURCE: TST/Other

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$2,500,000.00	\$0.00	\$2,200,001.00	\$4,700,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$150,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$150,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 365978 - CP 0982-365978 - Reclaim & Overlay - CR 982

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 982 (Takkunen Dr) - TH 53 to Haugen 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 #: 365978

STATE PROJECT #: CP 0982-365978

ROAD #: CR 982

ROAD NAME: Takkunen Dr

BRIDGE #: NA

SECTION: 22,27 / **TOWNSHIP:** 51 / **RANGE:** 1

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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
2019	\$0.00	\$0.00	\$50,001.00	\$0.00	\$0.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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
2019	\$0.00	\$0.00	\$250,001.00	\$0.00	\$0.00	\$250,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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
2019	\$0.00	\$0.00	\$75,001.00	\$0.00	\$0.00	\$75,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367279 - CP 5492-367279 - Bridge Removal - UT 5492

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2019

PROJECT PURPOSE AND JUSTIFICATION: The bridge has deteriorated to the point where it can longer carry traffic and is not required for the continuity of the road network.

PROJECT DESCRIPTION AND LOCATION: Bridge Removal - UT 5492 () - 0.25 miles N or CSAH 11

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

EFFECT ON OPERATING BUDGET: Eliminatiion of the structure will reduce overall maintenance and replacement costs for the bridge inventory.

PROJECT INFORMATION

COUNTY PROJECT #: 367279 **STATE PROJECT #:** CP 5492-367279 **ROAD #:** UT 5492

ROAD NAME: **BRIDGE #:** 103 **SECTION:** 4 / **TOWNSHIP:** 49 / **RANGE:** 15

ESTIMATED COST: \$50,001.00 **FUNDING SOURCE:** TB

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$0.00	\$50,001.00	\$50,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 319130 - CP 6528-319130 - Reclaim & Overlay - UT 6528

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 6528 (Stepetz Rd) - CR 341 to Hwy 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 #: 319130

STATE PROJECT #: CP 6528-319130

ROAD #: UT 6528

ROAD NAME: Stepetz Rd

BRIDGE #: NA

SECTION: 22 / **TOWNSHIP:** 58 / **RANGE:** 15

ESTIMATED COST: \$500,001.00

FUNDING SOURCE: Other

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$0.00	\$500,001.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 328456 - CP 8109-328456 - Br. Rail Transition - UT 8109

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: Br. Rail Transition - UT 8109 () -

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 #: 328456 **STATE PROJECT #:** CP 8109-328456 **ROAD #:** UT 8109

ROAD NAME: **BRIDGE #:** 707 **SECTION:** 7 / **TOWNSHIP:** 63 / **RANGE:** 20

ESTIMATED COST: \$40,001.00 **FUNDING SOURCE:** TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$40,001.00	\$0.00	\$0.00	\$40,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: TB/UT

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$0.00	\$0.00	\$800,001.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 328457 - CP 8120-328457 - Br. Rail Transition - UT 8120

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: Br. Rail Transition - UT 8120 () -

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 #: 328457

STATE PROJECT #: CP 8120-328457

ROAD #: UT 8120

ROAD NAME:

BRIDGE #: 313

SECTION: 20 / TOWNSHIP: 62 / RANGE: 17

ESTIMATED COST: \$40,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$40,001.00	\$0.00	\$0.00	\$40,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 328458 - CP 9218-328458 - Br. Rail Transition - UT 9218

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: Br. Rail Transition - UT 9218 () -

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 #: 328458

STATE PROJECT #: CP 9218-328458

ROAD #: UT 9218

ROAD NAME:

BRIDGE #: 372

SECTION: 6 / **TOWNSHIP:** 56 / **RANGE:** 14

ESTIMATED COST: \$40,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2019	\$0.00	\$0.00	\$40,001.00	\$0.00	\$0.00	\$40,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

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

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 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 #: ????

STATE PROJECT #: CP 0000-????

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$800,001.00

FUNDING SOURCE: Local/SLI

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369582 - CP 0000-369582 - Ground In 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: Ground In 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 #: 369582

STATE PROJECT #: CP 0000-369582

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$350,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$350,001.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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 - () - Mesabi Trail - CSAH 88 to 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 #: 297890

STATE PROJECT #: CP 0000-297890

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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

COUNTY PROJECT #: 293138

STATE PROJECT #: CP 0000-293138

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$320,001.00

FUNDING SOURCE: 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 352335 - CP 0005-352335 - Bridge Construction - CSAH 5

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 5 () - 0.4 miles south of CSAH 65

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 #: 352335

STATE PROJECT #: CP 0005-352335

ROAD #: CSAH 5

ROAD NAME:

BRIDGE #: 634

SECTION: 28 / **TOWNSHIP:** 60 / **RANGE:** 21

ESTIMATED COST: \$900,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$900,001.00	\$0.00	\$900,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 261096 - CP 0007-261096 - Cold 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: Cold 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: \$850,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$850,001.00	\$0.00	\$850,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153439 - CP 0007-153439 - Mill & Overlay - 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: Mill & Overlay - 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 roadway in a condition acceptable to the driving public.

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369672 - CP 0009-369672 - Traffic Signal Repl. - CSAH 9

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: Traffic Signal Repl. - CSAH 9 (Woodland Ave) - Int. of Woodland (9) & Snively (37)

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 #: 369672 **STATE PROJECT #:** CP 0009-369672 **ROAD #:** CSAH 9

ROAD NAME: Woodland Ave **BRIDGE #:** NA **SECTION:** 11 / **TOWNSHIP:** 50 / **RANGE:** 14

ESTIMATED COST: \$450,001.00 **FUNDING SOURCE:** TST/Other

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$337,501.00	\$0.00	\$112,500.00	\$450,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$800,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: Fed/TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$2,338,334.00	\$1,286,667.00	\$0.00	\$3,625,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368445 - CP 0029-368445 - 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) - CR 734 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 #: 368445

STATE PROJECT #: CP 0029-368445

ROAD #: CSAH 29

ROAD NAME: Hwy 29

BRIDGE #: NA

SECTION: 12 / **TOWNSHIP:** 52 / **RANGE:** 20

ESTIMATED COST: \$4,825,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$4,825,001.00	\$0.00	\$0.00	\$4,825,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368455 - CP 0041-368455 - Reclaim & Overlay - CSAH 41

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 41 (Culbertson) - CSAH 42 to 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 #: 368455

STATE PROJECT #: CP 0041-368455

ROAD #: CSAH 41

ROAD NAME: Culbertson

BRIDGE #: NA

SECTION: 2 / **TOWNSHIP:** 52 / **RANGE:** 12

ESTIMATED COST: \$875,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$875,001.00	\$0.00	\$875,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$800,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 317612 - CP 0065-317612 - 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 (Hwy 65) - 1.3 Mi. West of CSAH 25

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 #: 317612

STATE PROJECT #: CP 0065-317612

ROAD #: CSAH 65

ROAD NAME: Hwy 65

BRIDGE #: 623

SECTION: 30 / **TOWNSHIP:** 60 / **RANGE:** 19

ESTIMATED COST: \$550,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$550,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$550,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$300,001.00	\$0.00	\$300,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$300,001.00	\$0.00	\$300,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 2020

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
2020	\$450,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$450,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$1,000,001.00 **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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$750,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$750,001.00	\$0.00	\$750,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: \$350,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$350,001.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 338059 - CP 0155-338059 - Complete Reconstruction - CSAH 155

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. 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 155 (James Street) - CSAH 155 (James St) from CSAH 21 (Central Ave) to CSAH 155 (8th 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, 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 #: 338059

STATE PROJECT #: CP 0155-338059

ROAD #: CSAH 155

ROAD NAME: James Street

BRIDGE #: NA

SECTION: 33 / **TOWNSHIP:** 63 / **RANGE:** 12

ESTIMATED COST: \$2,200,001.00

FUNDING SOURCE: MSA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$2,200,001.00	\$0.00	\$2,200,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368477 - CP 0310-367477 - Reclaim & Overlay - CR 310

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 310 (Keenan Rd) - CR 788 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 #: 368477

STATE PROJECT #: CP 0310-367477

ROAD #: CR 310

ROAD NAME: Keenan Rd

BRIDGE #: NA

SECTION: 28 / **TOWNSHIP:** 57 / **RANGE:** 18

ESTIMATED COST: \$550,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$550,001.00	\$0.00	\$0.00	\$550,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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
2020	\$0.00	\$0.00	\$168,001.00	\$0.00	\$0.00	\$168,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367292 - CP 0453-367292 - Reclaim & Overlay - CR 453

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 453 (White Rd) - TH 37 to CR 592

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 #: 367292

STATE PROJECT #: CP 0453-367292

ROAD #: CR 453

ROAD NAME: White Rd

BRIDGE #: NA

SECTION: 10 / **TOWNSHIP:** 58 / **RANGE:** 15

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 328292 - CP 0526-328292 - Bridge Removal - CR 526

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2020

PROJECT PURPOSE AND JUSTIFICATION: The bridge has deteriorated to the point where it can longer carry traffic and is not required for the continuity of the road network.

PROJECT DESCRIPTION AND LOCATION: Bridge Removal - CR 526 () -

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

EFFECT ON OPERATING BUDGET: Eliminatiion of the structure will reduce overall maintenance and replacement costs for the bridge inventory.

PROJECT INFORMATION

COUNTY PROJECT #: 328292 **STATE PROJECT #:** CP 0526-328292 **ROAD #:** CR 526

ROAD NAME: **BRIDGE #:** 90 **SECTION:** 6 / **TOWNSHIP:** 61 / **RANGE:** 15

ESTIMATED COST: \$30,001.00 **FUNDING SOURCE:** TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$30,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 - 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
2020	\$116,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$116,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 352336 - CP 0547-352336 - Bridge Construction - CR 547

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 547 () - 2.5 Miles W of Brimson on CR 547

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 #: 352336 **STATE PROJECT #:** CP 0547-352336 **ROAD #:** CR 547

ROAD NAME: **BRIDGE #:** 910 **SECTION:** 6 / **TOWNSHIP:** 55 / **RANGE:** 12

ESTIMATED COST: \$150,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$150,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367294 - CP 0690-367294 - Reclaim & Overlay - CR 690

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 690 (Miller Trunk Rd) - TH 53 to CSAH 132

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 #: 367294

STATE PROJECT #: CP 0690-367294

ROAD #: CR 690

ROAD NAME: Miller Trunk Rd

BRIDGE #: NA

SECTION: 28 / **TOWNSHIP:** 57 / **RANGE:** 17

ESTIMATED COST: \$270,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$270,001.00	\$0.00	\$0.00	\$270,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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

COUNTY PROJECT #: 300213 **STATE PROJECT #:** CP 0745-300213 **ROAD #:** CR 745

ROAD NAME: Oak Rd. **BRIDGE #:** 249 **SECTION:** 19 / **TOWNSHIP:** 54 / **RANGE:** 18

ESTIMATED COST: \$150,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$150,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 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 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
2020	\$0.00	\$0.00	\$406,001.00	\$0.00	\$0.00	\$406,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367280 - CP 8130-367280 - Bridge Construction - UT 8130

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 - UT 8130 (Carpenter) - 0.23 Miles S of JCT UT 8157

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 #: 367280

STATE PROJECT #: CP 8130-367280

ROAD #: UT 8130

ROAD NAME: Carpenter

BRIDGE #: 769

SECTION: 1 / **TOWNSHIP:** 60 / **RANGE:** 20

ESTIMATED COST: \$700,001.00

FUNDING SOURCE: TB

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2020	\$0.00	\$0.00	\$0.00	\$0.00	\$700,001.00	\$700,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 300228 - CP 9241-300228 - Bridge Construction - UT 9241

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 - UT 9241 (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 9241-300228

ROAD #: UT 9241

ROAD NAME: Pond Rd.

BRIDGE #: 430

SECTION: 18 / **TOWNSHIP:** 56 / **RANGE:** 16

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: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 347713 - CP 0000-347713 - 6" Edgeline Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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

PROJECT DESCRIPTION AND LOCATION: 6" Edgeline Striping - () - Various roads in St. Louis, Itasca and Carlton 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 #: 347713

STATE PROJECT #: CP 0000-347713

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$778,001.00

FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$778,001.00	\$0.00	\$778,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 #: ????

STATE PROJECT #: CP 0000-????

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$800,001.00

FUNDING SOURCE: Local/SLI

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$800,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369584 - CP 0000-369584 - Ground In Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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

PROJECT DESCRIPTION AND LOCATION: Ground In 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 #: 369584

STATE PROJECT #: CP 0000-369584

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$350,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$350,001.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 366245 - CP 0004-366245 - Bridge Construction - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 4 () - 17.6 miles SE of Cotton

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 #: 366245 **STATE PROJECT #:** CP 0004-366245 **ROAD #:** CSAH 4

ROAD NAME: **BRIDGE #:** 76 **SECTION:** 34 / **TOWNSHIP:** 54 / **RANGE:** 14

ESTIMATED COST: \$400,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 366248 - CP 0004-366248 - Bridge Construction - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 4 () - 17.9 miles SE of Cotton

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 #: 366248

STATE PROJECT #: CP 0004-366248

ROAD #: CSAH 4

ROAD NAME:

BRIDGE #: 942

SECTION: 9 / **TOWNSHIP:** 53 / **RANGE:** 14

ESTIMATED COST: \$400,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 348220 - CP 0005-348220 - Mill & Overlay - CSAH 5

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 5 () - 1.2 miles N of TH 73 to CSAH 81

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 #: 348220

STATE PROJECT #: CP 0005-348220

ROAD #: CSAH 5

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$1,150,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$1,150,001.00	\$0.00	\$1,150,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 370138 - CP 0008-370138 - Reclaim & Overlay - CSAH 8

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 8 () - CSAH 31 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 #: 370138

STATE PROJECT #: CP 0008-370138

ROAD #: CSAH 8

ROAD NAME:

BRIDGE #: NA

SECTION: 12 / **TOWNSHIP:** 51 / **RANGE:** 18

ESTIMATED COST: \$350,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$350,001.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 2021

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
2021	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369677 - CP 0013-369677 - Traffic Signal Repl. - CSAH 13

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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

PROJECT DESCRIPTION AND LOCATION: Traffic Signal Repl. - CSAH 13 (Midway Rd) - Int. of Midway Rd (13) 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 #: 369677 **STATE PROJECT #:** CP 0013-369677 **ROAD #:** CSAH 13

ROAD NAME: Midway Rd **BRIDGE #:** NA **SECTION:** 31 / **TOWNSHIP:** 51 / **RANGE:** 15

ESTIMATED COST: \$450,001.00 **FUNDING SOURCE:** TST/Other

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$225,001.00	\$0.00	\$225,000.00	\$450,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 2021

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

COUNTY PROJECT #: 300230

STATE PROJECT #: CP 0014-300230

ROAD #: CSAH 14

ROAD NAME: Mountain Dr.

BRIDGE #: 918

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

ESTIMATED COST: \$900,001.00

FUNDING SOURCE: MSA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$900,001.00	\$0.00	\$900,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369575 - CP 0017-369575 - Reclaim & Overlay - CSAH 17

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 17 (Stebner/Airbase) - TH 53 to CSAH 32 (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 #: 369575

STATE PROJECT #: CP 0017-369575

ROAD #: CSAH 17

ROAD NAME: Stebner/Airbase

BRIDGE #: NA

SECTION: 12 / **TOWNSHIP:** 50 / **RANGE:** 15

ESTIMATED COST: \$455,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$455,001.00	\$0.00	\$455,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 370139 - CP 0031-370139 - Reclaim & Overlay - CSAH 31

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 31 () - St. Louis River to CSAH 8

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 #: 370139

STATE PROJECT #: CP 0031-370139

ROAD #: CSAH 31

ROAD NAME:

BRIDGE #: NA

SECTION: 27 / **TOWNSHIP:** 51 / **RANGE:** 18

ESTIMATED COST: \$1,680,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$1,680,001.00	\$0.00	\$1,680,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 335046 - CP 0043-335046 - Reclaim & Overlay - CSAH 43

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 Road) - CSAH 43 (Lismore Rd) from CR 293 (N Tischer Rd) to CSAH 50 (Ryan 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 #: 335046 **STATE PROJECT #:** CP 0043-335046 **ROAD #:** CSAH 43

ROAD NAME: Lismore Road **BRIDGE #:** NA **SECTION: / TOWNSHIP:** 51 / RANGE: 12

ESTIMATED COST: \$3,143,825.00 **FUNDING SOURCE:** Fed/State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$3,143,825.00	\$0.00	\$3,143,825.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 326598 - CP 0046-326598 - Reclaim & Overlay - CSAH 46

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 46 (Saginaw 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 #: 326598 **STATE PROJECT #:** CP 0046-326598 **ROAD #:** CSAH 46

ROAD NAME: Saginaw Rd **BRIDGE #:** NA **SECTION:** 35 / **TOWNSHIP:** 51 / **RANGE:** 17

ESTIMATED COST: \$875,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$875,001.00	\$0.00	\$875,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 370140 - CP 0047-370140 - Reclaim & Overlay - CSAH 47

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 47 () - TR 5846 (Eier 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 #: 370140

STATE PROJECT #: CP 0047-370140

ROAD #: CSAH 47

ROAD NAME:

BRIDGE #: NA

SECTION: 16 / **TOWNSHIP:** 52 / **RANGE:** 18

ESTIMATED COST: \$665,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$665,001.00	\$0.00	\$665,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369695 - CP 0048-369695 - Traffic Signal Repl. - CSAH 48

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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

PROJECT DESCRIPTION AND LOCATION: Traffic Signal Repl. - CSAH 48 (Lavaque Bypass) - Int. of Lavaque Bypass (48) & 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 #: 369695

STATE PROJECT #: CP 0048-369695

ROAD #: CSAH 48

ROAD NAME: Lavaque Bypass

BRIDGE #: NA

SECTION: 3 / **TOWNSHIP:** 50 / **RANGE:** 15

ESTIMATED COST: \$450,001.00

FUNDING SOURCE: TST/Other

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$225,001.00	\$0.00	\$225,000.00	\$450,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 366241 - CP 0059-366241 - Bridge Construction - CSAH 59

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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) - 5.7 imles NE of Cotton

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 #: 366241

STATE PROJECT #: CP 0059-366241

ROAD #: CSAH 59

ROAD NAME: Melrude Rd

BRIDGE #: 389

SECTION: 19 / **TOWNSHIP:** 55 / **RANGE:** 16

ESTIMATED COST: \$800,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 348247 - CP 0060-348247 - Reclaim & Overlay - CSAH 60

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 60 () - TH 169 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 #: 348247 **STATE PROJECT #:** CP 0060-348247 **ROAD #:** CSAH 60

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

ESTIMATED COST: \$1,100,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$1,100,001.00	\$0.00	\$1,100,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 366244 - CP 0070-366244 - Bridge Construction - CSAH 70

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 70 (Scott Rd) - 5 miles SE of Babbitt

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 #: 366244

STATE PROJECT #: CP 0070-366244

ROAD #: CSAH 70

ROAD NAME: Scott Rd

BRIDGE #: 288

SECTION: 15 / **TOWNSHIP:** 60 / **RANGE:** 12

ESTIMATED COST: \$800,001.00

FUNDING SOURCE: MSA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235499 - CP 0101-235499 - Bridge Construction - CSAH 101

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 101 (Hwy. 101) - .3 miles E. of Jct. CR 315 on CSAH 101 over East Two Rivers

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 #: 235499

STATE PROJECT #: CP 0101-235499

ROAD #: CSAH 101

ROAD NAME: Hwy. 101

BRIDGE #: 500

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$1,000,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 2021

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: MSA

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$0.00	\$2,325,001.00	\$0.00	\$2,325,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 2021

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

COUNTY PROJECT #: 300190

STATE PROJECT #: CP 0186-300190

ROAD #: CR 186

ROAD NAME: Savanna Rd.

BRIDGE #: 159

SECTION: 13 / **TOWNSHIP:** 51 / **RANGE:** 21

ESTIMATED COST: \$650,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$650,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$650,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369580 - CP 0199-369580 - Reclaim & Overlay - CR 199

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 199 (Elmer Rd.) - CSAH 133 to CR 741 (Meadowlands Trunk 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 #: 369580

STATE PROJECT #: CP 0199-369580

ROAD #: CR 199

ROAD NAME: Elmer Rd.

BRIDGE #: NA

SECTION: 17 / **TOWNSHIP:** 53 / **RANGE:** 19

ESTIMATED COST: \$1,125,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$1,125,001.00	\$0.00	\$0.00	\$1,125,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369581 - CP 0229-369581 - Reclaim & Overlay - CR 229

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 229 () - CSAH 133 to CSAH 29 (Spruce 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 #: 369581

STATE PROJECT #: CP 0229-369581

ROAD #: CR 229

ROAD NAME:

BRIDGE #: NA

SECTION: 15 / **TOWNSHIP:** 53 / **RANGE:** 19

ESTIMATED COST: \$125,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$125,001.00	\$0.00	\$0.00	\$125,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 317610 - CP 0600-317610 - Bridge Construction - CR 600

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 600 (Johnson Rd. Ext) - .07 Mi. South of CSAH 150

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 #: 317610 **STATE PROJECT #:** CP 0600-317610 **ROAD #:** CR 600

ROAD NAME: Johnson Rd. Ext **BRIDGE #:** 324 **SECTION:** 16 / **TOWNSHIP:** 62 / **RANGE:** 18

ESTIMATED COST: \$800,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$800,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 2021

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: \$700,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$700,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$700,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 2021

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: \$500,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$500,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 2021

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/TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$2,100,000.00	\$0.00	\$400,000.00	\$0.00	\$0.00	\$2,500,000.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 189123 - CP 0692-189123 TST - Mill & Overlay - CR 692

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 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 roadway in a condition acceptable to the driving public.

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
2021	\$0.00	\$0.00	\$1,298,001.00	\$0.00	\$0.00	\$1,298,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367297 - CP 0704-367297 - Reclaim & Overlay - CR 704

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 704 (Town Line Rd) - CSAH 60 to Karkas 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 #: 367297

STATE PROJECT #: CP 0704-367297

ROAD #: CR 704

ROAD NAME: Town Line Rd

BRIDGE #: NA

SECTION: 33 / **TOWNSHIP:** 57 / **RANGE:** 21

ESTIMATED COST: \$125,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$125,001.00	\$0.00	\$0.00	\$125,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 275608 - CP 0708-275608 TST - Reclaim & Overlay - CR 708

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 TST

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
2021	\$0.00	\$0.00	\$560,001.00	\$0.00	\$0.00	\$560,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369579 - CP 0724-369579 - Reclaim & Overlay - CR 724

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 724 (Swan Lake Rd) - CSAH 17 (Airbase Rd) to Sundby 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 #: 369579

STATE PROJECT #: CP 0724-369579

ROAD #: CR 724

ROAD NAME: Swan Lake Rd

BRIDGE #: NA

SECTION: 12 / **TOWNSHIP:** 50 / **RANGE:** 15

ESTIMATED COST: \$140,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$140,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$140,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 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: 2021

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
2021	\$0.00	\$0.00	\$700,001.00	\$0.00	\$0.00	\$700,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 347809 - CP 0950-347809 - Intersection Reconstruction - CR 950

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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

PROJECT DESCRIPTION AND LOCATION: Intersection Reconstruction - CR 950 (Bodas Road) - Intersection of TH 53 and CR 950

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 #: 347809

STATE PROJECT #: CP 0950-347809

ROAD #: CR 950

ROAD NAME: Bodas Road

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$800,001.00

FUNDING SOURCE: Fed/Lcl/Othr

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$50,000.00	\$0.00	\$0.00	\$350,001.00	\$400,000.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367298 - CP 9112-367298 - Reclaim & Overlay - UT 9112

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 9112 (Matthew Ln) - TH 73 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 #: 367298

STATE PROJECT #: CP 9112-367298

ROAD #: UT 9112

ROAD NAME: Matthew Ln

BRIDGE #: NA

SECTION: 21 / **TOWNSHIP:** 55 / **RANGE:** 21

ESTIMATED COST: \$120,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$120,001.00	\$0.00	\$0.00	\$120,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367299 - CP 9126-367299 - Reclaim & Overlay - UT 9126

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2021

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 9126 (Guello Rd) - UT 9112 (Matthew Ln) 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 #: 367299

STATE PROJECT #: CP 9126-367299

ROAD #: UT 9126

ROAD NAME: Guello Rd

BRIDGE #: NA

SECTION: 21 / **TOWNSHIP:** 55 / **RANGE:** 21

ESTIMATED COST: \$210,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2021	\$0.00	\$0.00	\$210,001.00	\$0.00	\$0.00	\$210,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 #: ????

STATE PROJECT #: CP 0000-????

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$800,001.00

FUNDING SOURCE: Local/SLI

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$800,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369669 - CP 0000-369669 - Ground In Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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

PROJECT DESCRIPTION AND LOCATION: Ground In 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 #: 369669 **STATE PROJECT #:** CP 0000-369669 **ROAD #:**

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

ESTIMATED COST: \$350,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$350,001.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369573 - CP 0002-369573 - Reclaim & Overlay - CSAH 2

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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) - CR 246 (Eagle Lk) to CSAH 37 (Jean Duluth)

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 #: 369573

STATE PROJECT #: CP 0002-369573

ROAD #: CSAH 2

ROAD NAME: W Tischer Rd

BRIDGE #: NA

SECTION: 24 / **TOWNSHIP:** 51 / **RANGE:** 14

ESTIMATED COST: \$350,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$350,001.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367845 - CP 0004-367845 - Reclaim & Overlay - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 Tr) - TH 135 to 0.33 miles S of Maple Dr

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 #: 367845

STATE PROJECT #: CP 0004-367845

ROAD #: CSAH 4

ROAD NAME: Vermilion Tr

BRIDGE #: NA

SECTION: 11 / **TOWNSHIP:** 58 / **RANGE:** 16

ESTIMATED COST: \$560,001.00

FUNDING SOURCE: State/TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$350,001.00	\$210,000.00	\$0.00	\$560,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369674 - CP 0007-369674 - Intersection Improvements - CSAH 7

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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

PROJECT DESCRIPTION AND LOCATION: Intersection Improvements - CSAH 7 (Industrial Rd) - Int. TH 33 and CSAH 7

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 #: 369674

STATE PROJECT #: CP 0007-369674

ROAD #: CSAH 7

ROAD NAME: Industrial Rd

BRIDGE #: NA

SECTION: 14 / **TOWNSHIP:** 51 / **RANGE:** 17

ESTIMATED COST: \$800,001.00

FUNDING SOURCE: Fed/State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$400,000.00	\$0.00	\$0.00	\$400,001.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369555 - CP 0009-369555 - Mill & Overlay - CSAH 9

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 9 (Midway Rd) - Pike Lk Rd to CSAH 9 (Martin)

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 #: 369555

STATE PROJECT #: CP 0009-369555

ROAD #: CSAH 9

ROAD NAME: Midway Rd

BRIDGE #: NA

SECTION: 29 / **TOWNSHIP:** 51 / **RANGE:** 15

ESTIMATED COST: \$175,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$175,001.00	\$0.00	\$175,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369684 - CP 0011-369684 - Traffic Signal Repl. - CSAH 11

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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

PROJECT DESCRIPTION AND LOCATION: Traffic Signal Repl. - CSAH 11 (2nd Street) - Int US 2 and CSAH 11

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 #: 369684

STATE PROJECT #: CP 0011-369684

ROAD #: CSAH 11

ROAD NAME: 2nd Street

BRIDGE #: NA

SECTION: 10 / **TOWNSHIP:** 49 / **RANGE:** 15

ESTIMATED COST: \$600,001.00

FUNDING SOURCE: State/MnDOT

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$300,001.00	\$300,000.00	\$600,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369675 - CP 0013-369675 - Intersection Improvements - CSAH 13

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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

PROJECT DESCRIPTION AND LOCATION: Intersection Improvements - CSAH 13 (Midway Rd) - Int. Midway Rd and TH 194

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 #: 369675

STATE PROJECT #: CP 0013-369675

ROAD #: CSAH 13

ROAD NAME: Midway Rd

BRIDGE #: NA

SECTION: 5 / **TOWNSHIP:** 50 / **RANGE:** 15

ESTIMATED COST: \$1,500,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$750,001.00	\$750,000.00	\$1,500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369564 - CP 0013-369564 - Mill & Overlay - CSAH 13

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 13 (Midway Rd) - TH 53 to CSAH 9 (Martin)

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 #: 369564

STATE PROJECT #: CP 0013-369564

ROAD #: CSAH 13

ROAD NAME: Midway Rd

BRIDGE #: NA

SECTION: 32 / **TOWNSHIP:** 51 / **RANGE:** 15

ESTIMATED COST: \$450,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$450,001.00	\$0.00	\$450,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368481 - CP 0015-368481 - Reclaim & Overlay - CSAH 15

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 15 (Munger Shaw Rd) - TR 5641 to CSAH 48

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 #: 368481

STATE PROJECT #: CP 0015-368481

ROAD #: CSAH 15

ROAD NAME: Munger Shaw Rd

BRIDGE #: NA

SECTION: 26 / **TOWNSHIP:** 52 / **RANGE:** 16

ESTIMATED COST: \$810,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$810,001.00	\$0.00	\$810,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 314089 - CP 0024-314089 - Bridge Construction - CSAH 24

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 (Crane Lake Rd.) - 15.0 Miles Northeast of the Town of Orr Over Vermilion River at Buyck

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 #: 314089

STATE PROJECT #: CP 0024-314089

ROAD #: CSAH 24

ROAD NAME: Crane Lake Rd.

BRIDGE #: 345

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

ESTIMATED COST: \$700,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$700,001.00	\$0.00	\$700,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367941 - CP 0025-367941 - Reclaim & Overlay - CSAH 25

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 () - CSAH 65 to UT 8163 (Graham 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 #: 367941

STATE PROJECT #: CP 0025-367941

ROAD #: CSAH 25

ROAD NAME:

BRIDGE #: NA

SECTION: 16 / **TOWNSHIP:** 60 / **RANGE:** 19

ESTIMATED COST: \$920,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$920,001.00	\$0.00	\$920,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367949 - CP 0025-367949 - Reclaim & Overlay - CSAH 25

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 () - CSAH 82 to CSAH 22

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 #: 367949

STATE PROJECT #: CP 0025-367949

ROAD #: CSAH 25

ROAD NAME:

BRIDGE #: NA

SECTION: 20 / **TOWNSHIP:** 61 / **RANGE:** 19

ESTIMATED COST: \$800,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367933 - CP 0027-367933 - Mill & Overlay - CSAH 27

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 27 (Zim Rd) - CSAH 5 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 roadway in a condition acceptable to the driving public.

PROJECT INFORMATION

COUNTY PROJECT #: 367933

STATE PROJECT #: CP 0027-367933

ROAD #: CSAH 27

ROAD NAME: Zim Rd

BRIDGE #: NA

SECTION: 30 / **TOWNSHIP:** 56 / **RANGE:** 19

ESTIMATED COST: \$2,600,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$2,600,001.00	\$0.00	\$2,600,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368337 - CP 0037-368337 - Bridge Construction - CSAH 37

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 37 () - 0.55 miles N of Glenwood St

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 #: 368337

STATE PROJECT #: CP 0037-368337

ROAD #: CSAH 37

ROAD NAME:

BRIDGE #: 15

SECTION: 01 / **TOWNSHIP:** 50 / **RANGE:** 14

ESTIMATED COST: \$500,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368339 - CP 0038-368339 - Bridge Construction - CSAH 38

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 38 (French River Rd) - 0.4 miles N of CSAH 40

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 #: 368339

STATE PROJECT #: CP 0038-368339

ROAD #: CSAH 38

ROAD NAME: French River Rd

BRIDGE #: 12

SECTION: 21 / **TOWNSHIP:** 52 / **RANGE:** 13

ESTIMATED COST: \$500,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 139601 - CP 0043-139601 - Road Construction - CSAH 43

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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: Road Construction - CSAH 43 (Fish Lk/Bvr Rvr) - CSAH 48 to CR 294

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 maintaince resources, but it may also lessen the impact of traffic on other existing bridge and road assets.

PROJECT INFORMATION

COUNTY PROJECT #: 139601

STATE PROJECT #: CP 0043-139601

ROAD #: CSAH 43

ROAD NAME: Fish Lk/Bvr Rvr

BRIDGE #: NA

SECTION: 23 / **TOWNSHIP:** 52 / **RANGE:** 15

ESTIMATED COST: \$3,000,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$3,000,001.00	\$0.00	\$3,000,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369538 - CP 0048-369538 - Reclaim & Overlay - CSAH 48

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 (Taft/Fish Lk Rd) - CSAH 43 (Lavaque) to Cloquet River

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 #: 369538

STATE PROJECT #: CP 0048-369538

ROAD #: CSAH 48

ROAD NAME: Taft/Fish Lk Rd

BRIDGE #: NA

SECTION: 16 / **TOWNSHIP:** 52 / **RANGE:** 15

ESTIMATED COST: \$510,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$510,001.00	\$0.00	\$510,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368343 - CP 0051-368343 - Bridge Construction - CSAH 51

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 51 (Prairie Lk Rd) - 0.42 miles S of CR 816

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 #: 368343

STATE PROJECT #: CP 0051-368343

ROAD #: CSAH 51

ROAD NAME: Prairie Lk Rd

BRIDGE #: 136

SECTION: 30 / **TOWNSHIP:** 50 / **RANGE:** 20

ESTIMATED COST: \$1,200,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$1,200,001.00	\$0.00	\$1,200,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368342 - CP 0084-368342 - Bridge Construction - CSAH 84

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 84 (Hobson Lk Rd) - 2.1 miles NE of 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 #: 368342

STATE PROJECT #: CP 0084-368342

ROAD #: CSAH 84

ROAD NAME: Hobson Lk Rd

BRIDGE #: 547

SECTION: 31 / **TOWNSHIP:** 59 / **RANGE:** 20

ESTIMATED COST: \$400,001.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368480 - CP 0091-368480 - Mill & Overlay - CSAH 91

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 91 (40th Ave W) - TH 23 to RR X-ing

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 #: 368480 **STATE PROJECT #:** CP 0091-368480 **ROAD #:** CSAH 91

ROAD NAME: 40th Ave W **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$225,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$225,001.00	\$0.00	\$225,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367846 - CP 0138-367846 - Reclaim & Overlay - CSAH 138

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 (Giants Ridge Rd) - TH 135 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 #: 367846 **STATE PROJECT #:** CP 0138-367846 **ROAD #:** CSAH 138

ROAD NAME: Giants Ridge Rd **BRIDGE #:** NA **SECTION:** 1 / **TOWNSHIP:** 58 / **RANGE:** 16

ESTIMATED COST: \$1,400,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$0.00	\$1,400,001.00	\$0.00	\$1,400,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369577 - CP 0242-369577 - Reclaim & Overlay - CR 242

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 242 (Rehbein Rd) - CSAH 34 (Howard Gnesen) 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 #: 369577

STATE PROJECT #: CP 0242-369577

ROAD #: CR 242

ROAD NAME: Rehbein Rd

BRIDGE #: NA

SECTION: 22 / **TOWNSHIP:** 51 / **RANGE:** 14

ESTIMATED COST: \$350,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$350,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369554 - CP 0285-369554 - Reclaim & Overlay - CR 285

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 285 (Fish Lk. Dam Rd) - 1 mi. S of CSAH 48 to CSAH 48 (Fish Lk 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 #: 369554

STATE PROJECT #: CP 0285-369554

ROAD #: CR 285

ROAD NAME: Fish Lk. Dam Rd

BRIDGE #: NA

SECTION: 22 / **TOWNSHIP:** 52 / **RANGE:** 15

ESTIMATED COST: \$300,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368346 - CP 0315-368346 - Bridge Construction - CR 315

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 315 (Elbow Lk Rd) - 0.3 miles N of CR 317

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 #: 368346

STATE PROJECT #: CP 0315-368346

ROAD #: CR 315

ROAD NAME: Elbow Lk Rd

BRIDGE #: 473

SECTION: 3 / **TOWNSHIP:** 57 / **RANGE:** 18

ESTIMATED COST: \$750,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$750,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$750,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367855 - CP 0396-367855 - Reclaim & Overlay - CR 396

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 396 (Differding Pt) - CSAH 97 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 #: 367855 **STATE PROJECT #:** CP 0396-367855 **ROAD #:** CR 396

ROAD NAME: Differding Pt **BRIDGE #:** NA **SECTION:** 35 / **TOWNSHIP:** 58 / **RANGE:** 17

ESTIMATED COST: \$180,001.00 **FUNDING SOURCE:** TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$180,001.00	\$0.00	\$0.00	\$180,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367940 - CP 0444-367940 - Reclaim & Overlay - CR 444

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 444 () - CSAH 16 to Helstrom 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 #: 367940

STATE PROJECT #: CP 0444-367940

ROAD #: CR 444

ROAD NAME:

BRIDGE #: NA

SECTION: 24 / **TOWNSHIP:** 56 / **RANGE:** 20

ESTIMATED COST: \$2,200,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$2,200,001.00	\$0.00	\$0.00	\$2,200,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 367955 - CP 0478-367955 - Reclaim & Overlay - CR 478

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 478 (Wakely Rd) - CR 540 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 #: 367955

STATE PROJECT #: CP 0478-367955

ROAD #: CR 478

ROAD NAME: Wakely Rd

BRIDGE #: NA

SECTION: 36 / **TOWNSHIP:** 63 / **RANGE:** 18

ESTIMATED COST: \$500,001.00

FUNDING SOURCE: TST

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$0.00	\$0.00	\$500,001.00	\$0.00	\$0.00	\$500,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368347 - CP 0500-368347 - Bridge Construction - CR 500

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 500 (Wein Rd) - 1.5 miles W of 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 #: 368347

STATE PROJECT #: CP 0500-368347

ROAD #: CR 500

ROAD NAME: Wein Rd

BRIDGE #: 684

SECTION: 21 / **TOWNSHIP:** 62 / **RANGE:** 20

ESTIMATED COST: \$400,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$400,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369567 - CP 0530-369567 - Reclaim & Overlay - CR 530

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 530 (Midway Rd) - CSAH 9 (N Pike Lk Rd) to TR 5525 (Kehtel 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 #: 369567

STATE PROJECT #: CP 0530-369567

ROAD #: CR 530

ROAD NAME: Midway Rd

BRIDGE #: NA

SECTION: 29 / **TOWNSHIP:** 51 / **RANGE:** 15

ESTIMATED COST: \$700,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$700,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$700,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368348 - CP 0632-368348 - Bridge Construction - CR 632

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 632 (Wilson Rd) - 0.1 miles W 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 #: 368348 **STATE PROJECT #:** CP 0632-368348 **ROAD #:** CR 632

ROAD NAME: Wilson Rd **BRIDGE #:** 416 **SECTION:** 4 / **TOWNSHIP:** 56 / **RANGE:** 15

ESTIMATED COST: \$400,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$400,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368349 - CP 0825-368349 - Bridge Construction - CR 825

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 825 (Rasmussen Rd) - 0.7 miles N or CR 826

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 #: 368349 **STATE PROJECT #:** CP 0825-368349 **ROAD #:** CR 825

ROAD NAME: Rasmussen Rd **BRIDGE #:** 138 **SECTION:** 29 / **TOWNSHIP:** 50 / **RANGE:** 21

ESTIMATED COST: \$1,000,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$1,000,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368350 - CP 0874-368350 - Bridge Construction - CR 874

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 874 (Independence Rd) - 0.58 miles S of TH 33

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 #: 368350 **STATE PROJECT #:** CP 0874-368350 **ROAD #:** CR 874

ROAD NAME: Independence Rd **BRIDGE #:** 142 **SECTION:** 26 / **TOWNSHIP:** 51 / **RANGE:** 17

ESTIMATED COST: \$300,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$300,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369578 - CP 0877-369578 - Reclaim & Overlay - CR 877

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 877 () - CSAH 34 (Howard Gnesen) to CR 675 (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 #: 369578

STATE PROJECT #: CP 0877-369578

ROAD #: CR 877

ROAD NAME:

BRIDGE #: NA

SECTION: 27 / **TOWNSHIP:** 52 / **RANGE:** 14

ESTIMATED COST: \$350,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$350,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$350,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 369571 - CP 0885-369571 - Reclaim & Overlay - CR 885

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 (Sunny Ln) - Westerly termini to TR 5526 (Shady Ln)

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 #: 369571

STATE PROJECT #: CP 0885-369571

ROAD #: CR 885

ROAD NAME: Sunny Ln

BRIDGE #: NA

SECTION: 24 / **TOWNSHIP:** 51 / **RANGE:** 16

ESTIMATED COST: \$280,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$280,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$280,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

Form 12

ST. LOUIS COUNTY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 368351 - CP 0980-368351 - Bridge Construction - CR 980

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2022

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 980 (McKay Rd) - 1.27 miles E of 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 #: 368351 **STATE PROJECT #:** CP 0980-368351 **ROAD #:** CR 980

ROAD NAME: McKay Rd **BRIDGE #:** 801 **SECTION:** 24 / **TOWNSHIP:** 54 / **RANGE:** 18

ESTIMATED COST: \$600,001.00

FUNDING SOURCE: Local

FUNDING BREAKDOWN

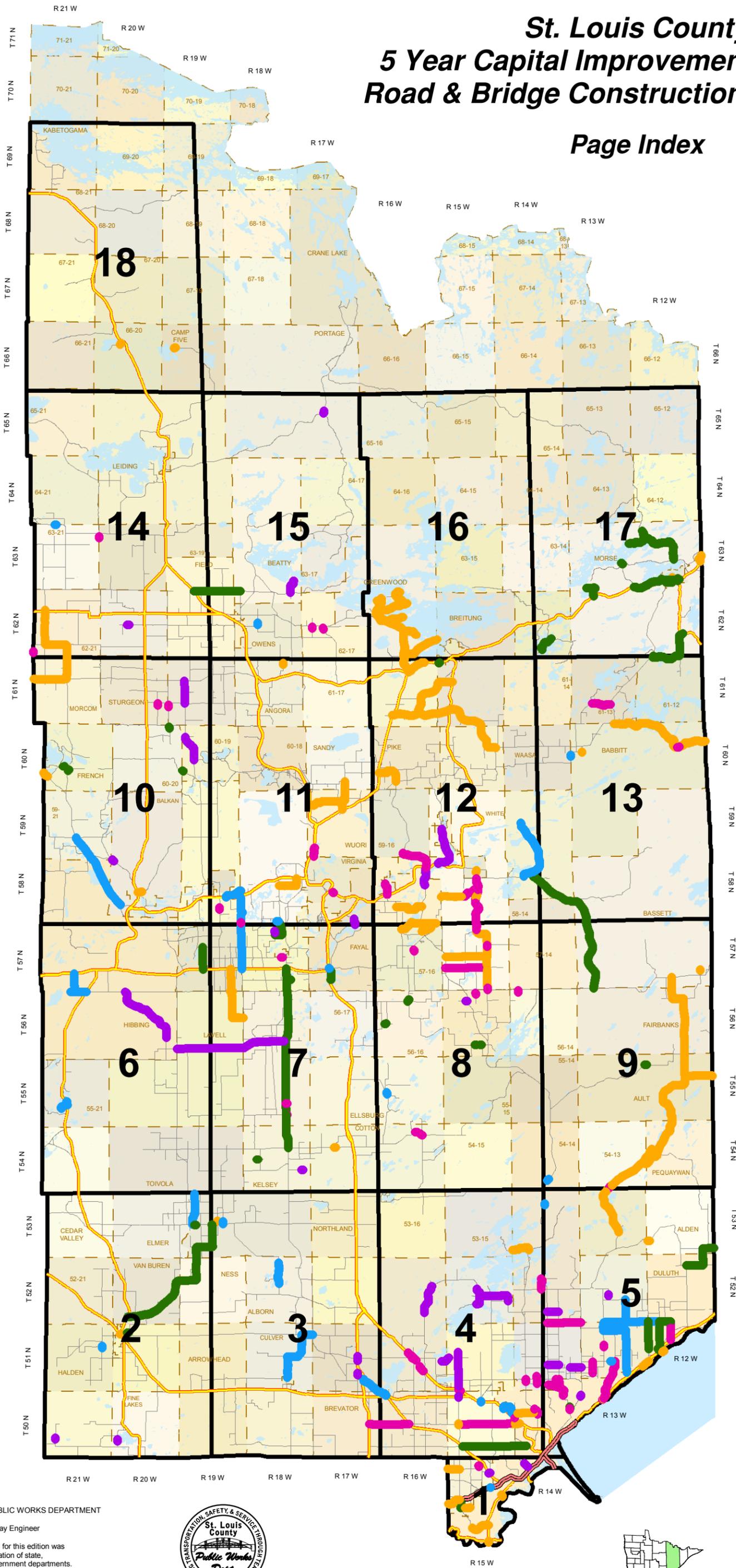
YEAR	PROP TAX	BONDING	TST	FEDERAL/STATE	OTHER	TOTAL
2022	\$600,001.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600,001.00

COST TYPE: CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/3/17

St. Louis County 5 Year Capital Improvement Plan (CIP) Road & Bridge Construction 2018 - 2022

Page Index



Map Components	
5 Year CIP	
	2018
	2019
	2020
	2021
	2022
	Interstate Highway
	U.S./State Highway
	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.

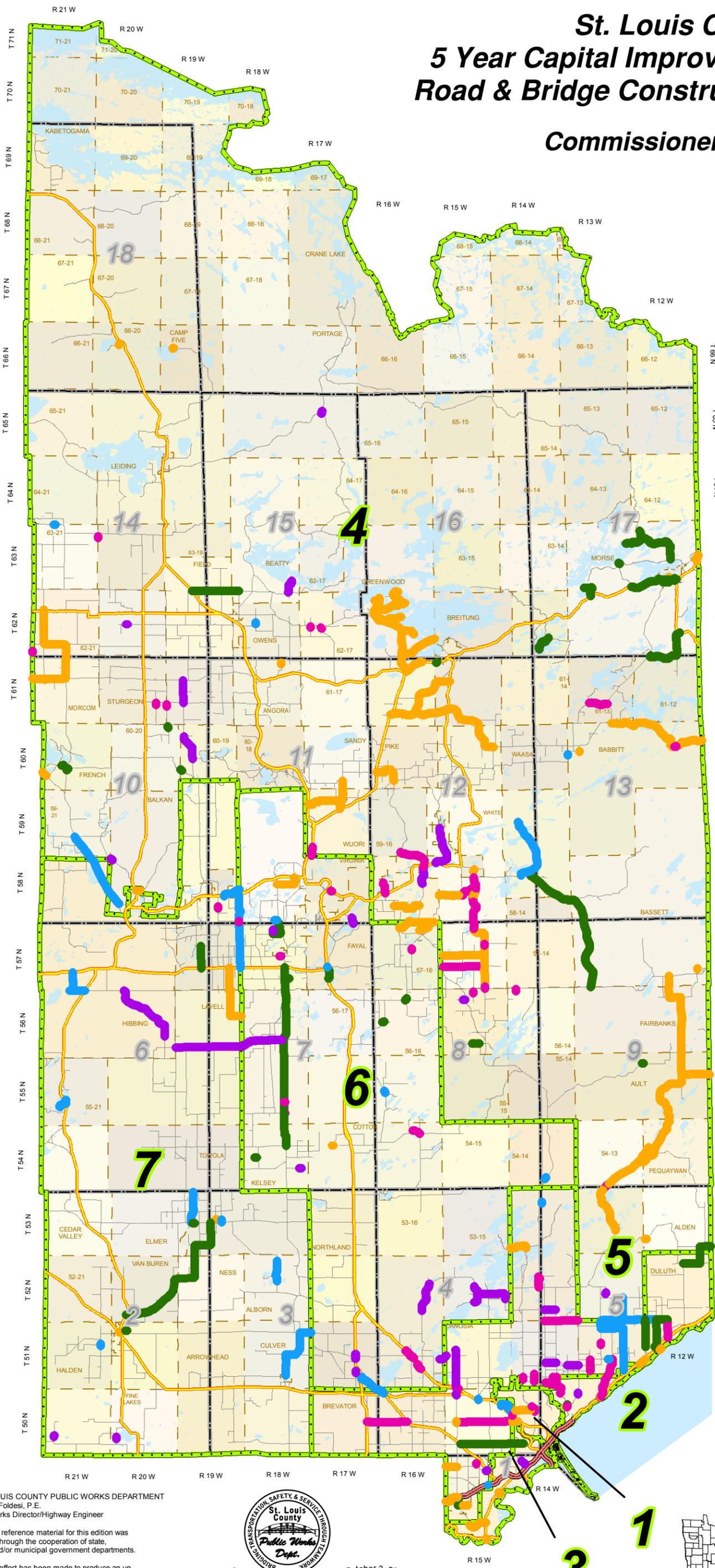
A sincere effort has been made to produce an up to date map. However, with the various sources we have to rely on, no guarantee can be made.

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 2018 - 2022

Commissioner Districts



- 1st District**
 Commissioner Frank Jewell
 Board Chair
 100 N. 5th Avenue West Rm. #202
 Duluth, MN 55802
 (218) 726-2450
- 2nd District**
 Commissioner Patrick Boyle
 100 N. 5th Avenue West Rm. #202
 Duluth, MN 55802
 (218) 726-2359
- 3rd District**
 Commissioner Beth Olson
 100 N. 5th Avenue West Rm. #202
 Duluth, MN 55802
 (218) 726-2562
- 4th District**
 Commissioner Tom Rukavina
 Government Services Center
 320 Miners Drive E
 Ely, MN 55731
 (218) 365-8200
- 5th District**
 Commissioner Pete Stauber
 100 N. 5th Avenue West Rm. #202
 Duluth, MN 55802
 (218) 726-2450
- 6th District**
 Commissioner Keith Nelson
 Vice Chair
 Virginia Courthouse
 300 S. 5th Avenue
 Virginia, MN 55792
 (218) 749-7108
- 7th District**
 Commissioner Mike Jugovich
 Hibbing Courthouse
 1810 12th Avenue East
 Hibbing, MN 55746
 (218) 262-0201

Map Components

5 Year CIP

- 2018
- 2019
- 2020
- 2021
- 2022

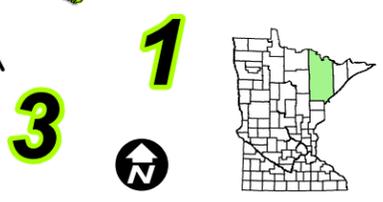
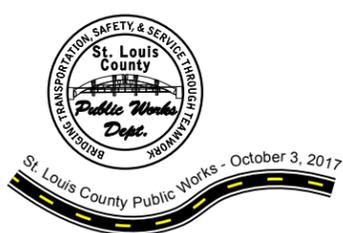
- Interstate Highway
- U.S./State Highway
- Commissioner District
- Page Number
- Township Boundary

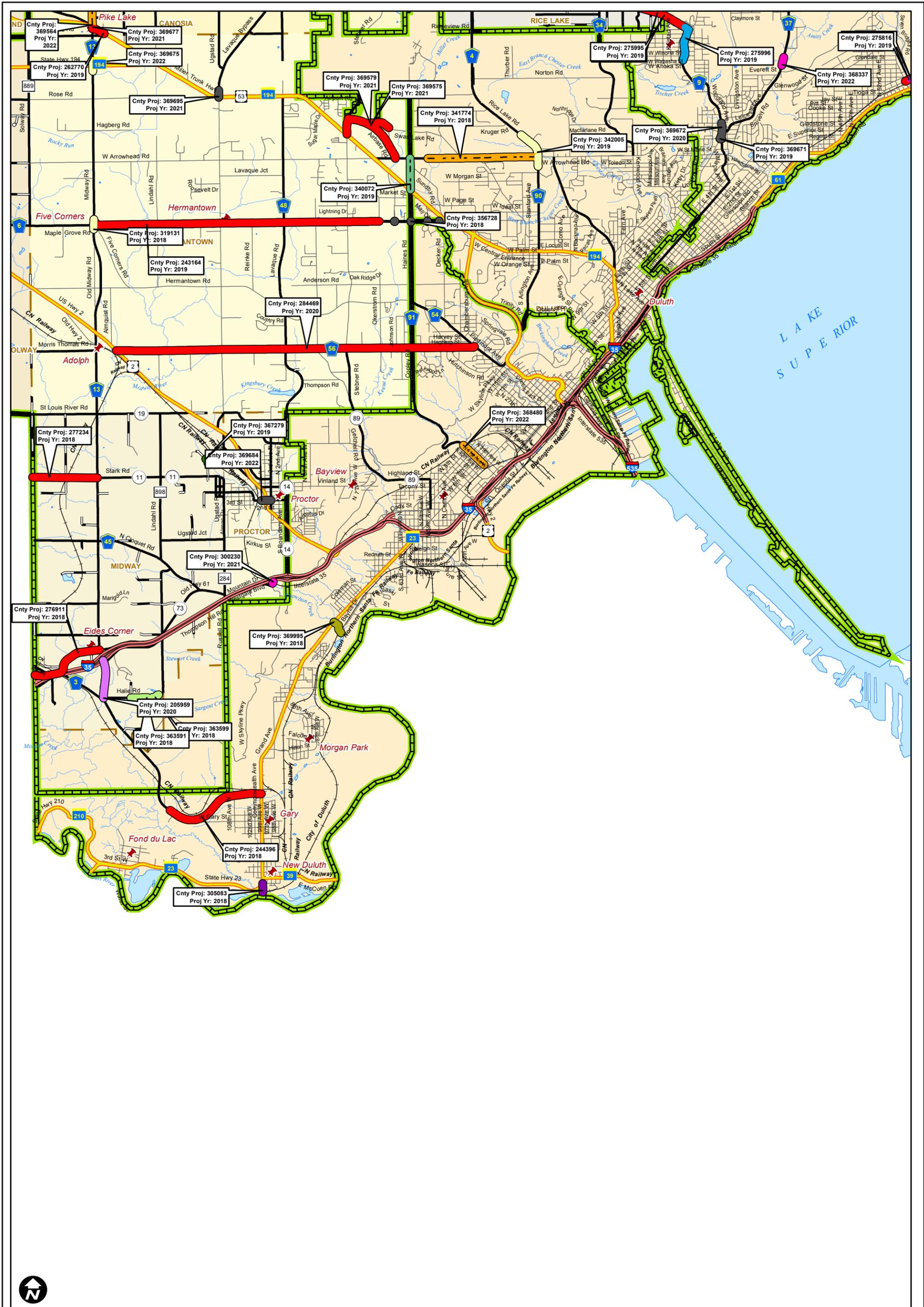
SAINT LOUIS COUNTY PUBLIC WORKS DEPARTMENT
 James T. Foldesi, P.E.
 Public Works Director/Highway Engineer

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.

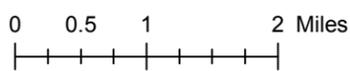




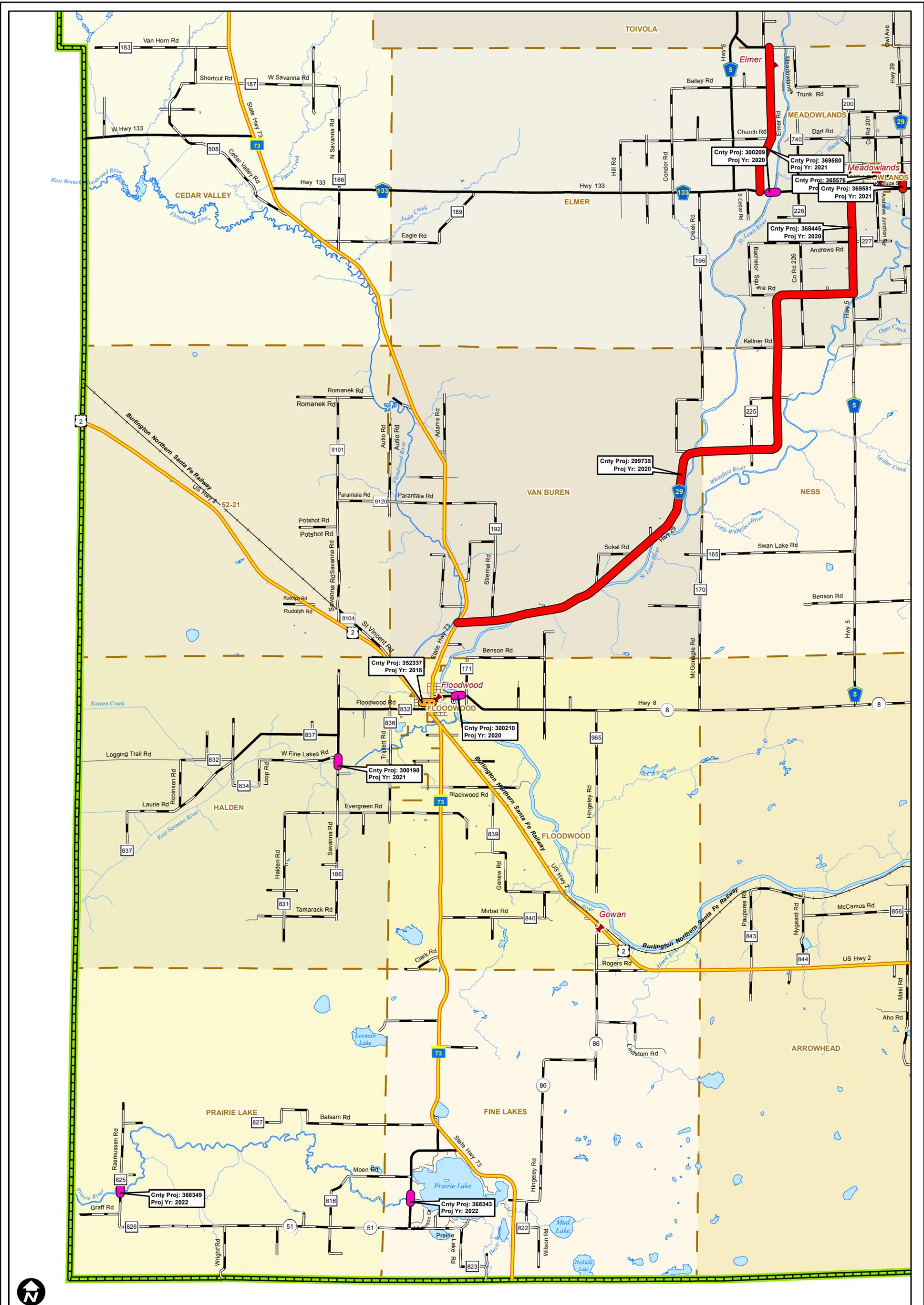
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



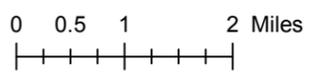
Page 1



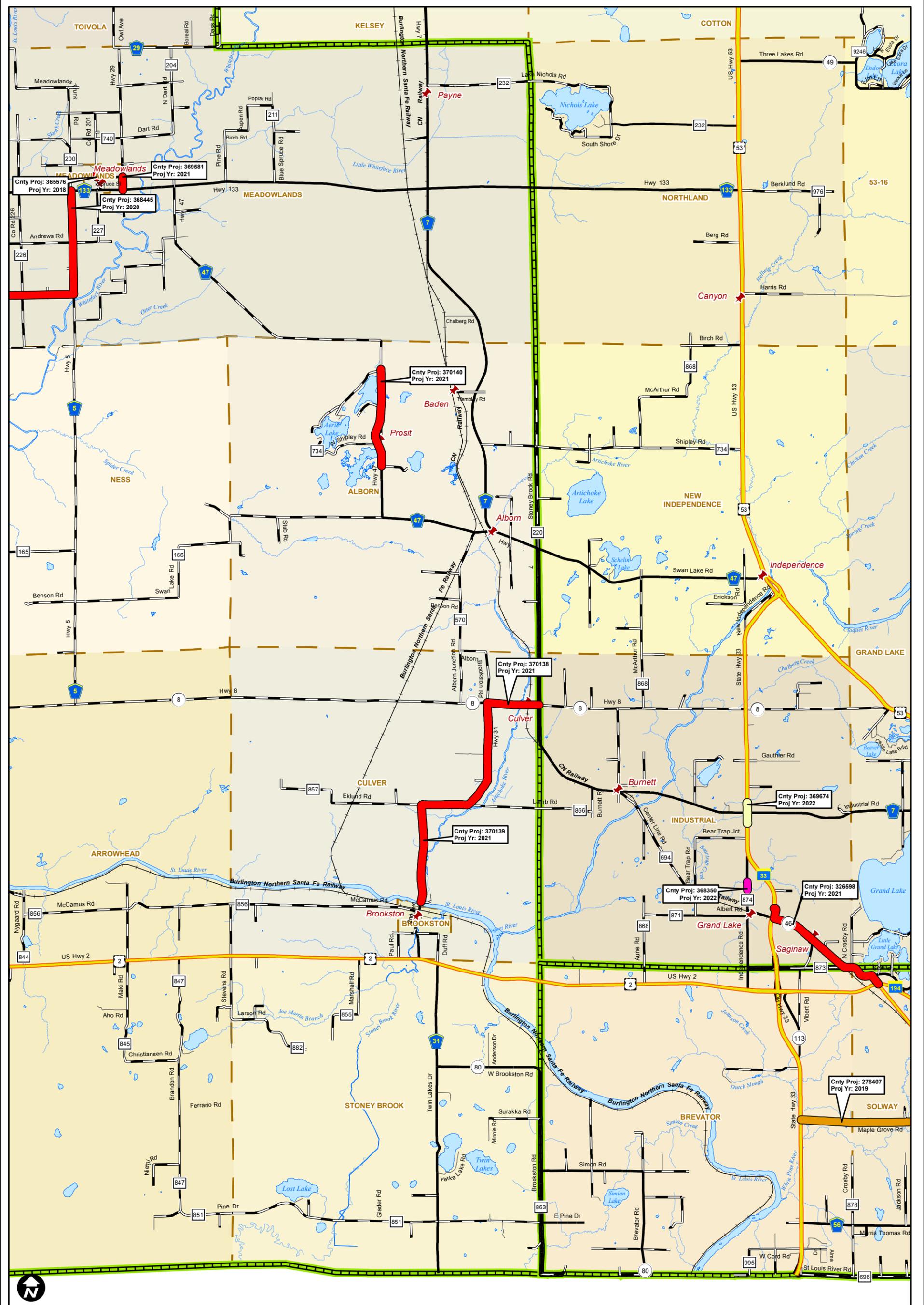
Map Components			
5 Year CIP: Road & Bridge Construction			
	Bituminous Overlay		Dynamic Warning System
	Bridge Construction		Guard Rail
	Bridge Removal		Hot In Place Recycle
	Chip Seal		Intersection Improvements
	Cold In Place Recycle		Micro Surface
	Complete Rebuild		Mill & Overlay
	Culvert Replacement		New Construction
			Ped/Bike Trail
			Slide Repair
			Sag Repair
			Scrub Seal
			Sidewalk Construction
			Reclaim & Overlay
			Reconstruction
			Road Construction
			Roundabout
			Traffic Signals
			Interstate Highway
			U.S./State Highway
			County Road - Paved
			County Road - Gravel
			Local Road/City Street
			Railroad
			Commissioner District
			Township Boundary
			Lake
			River/Stream
			City/Town



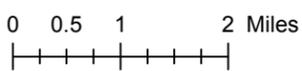
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



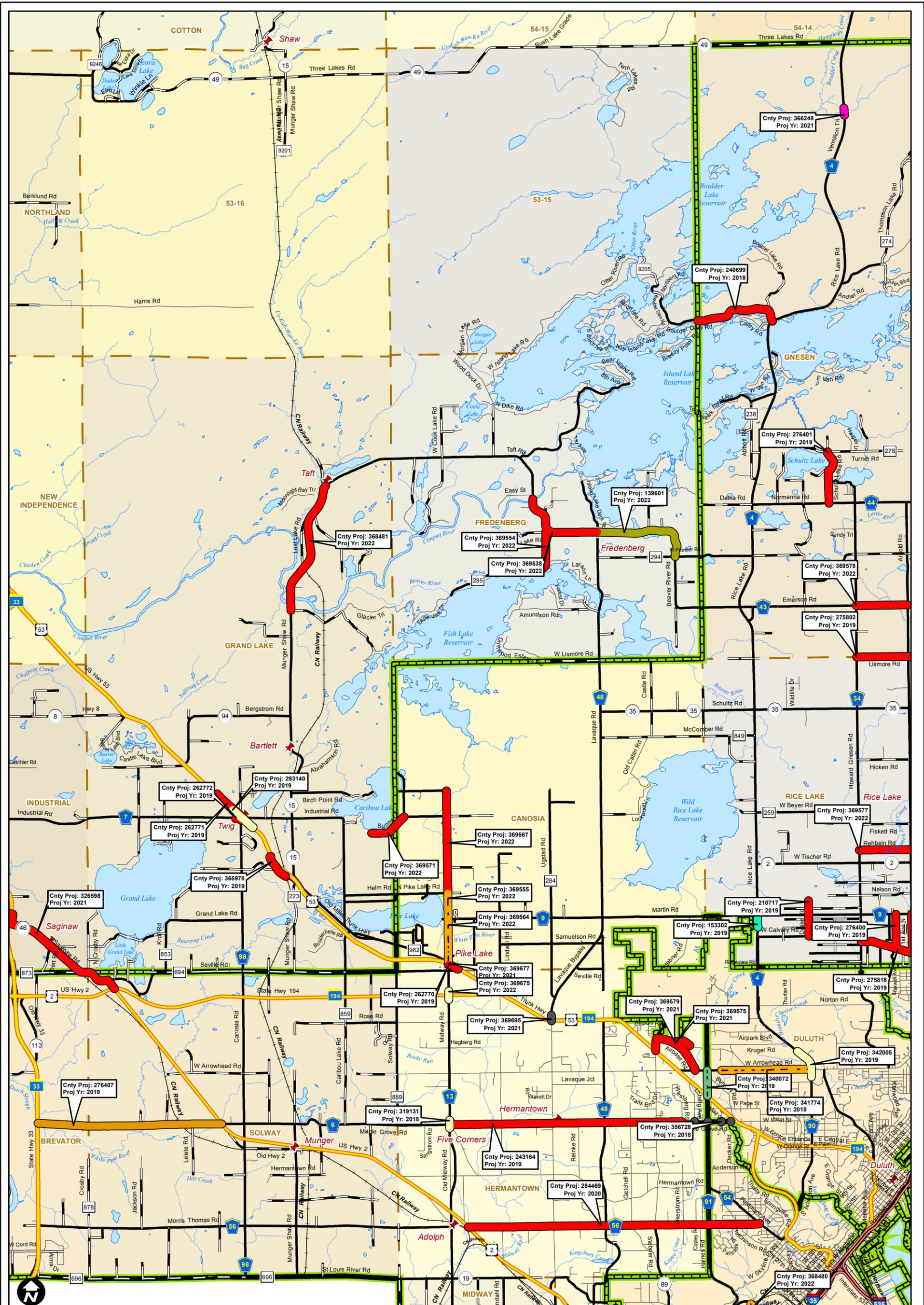
Map Components			
5 Year CIP: Road & Bridge Construction			
	Bituminous Overlay		Dynamic Warning System
	Bridge Construction		Guard Rail
	Bridge Removal		Hot In Place Recycle
	Chip Seal		Intersection Improvements
	Cold In Place Recycle		Micro Surface
	Complete Rebuild		Mill & Overlay
	Complete Reconstruction		New Construction
	Culvert Replacement		Ped/Bike Trail
			RR Xing Improvement
	Reclaim & Overlay		Sag Repair
	Reconstruction		Scrub Seal
	Road Construction		Sidewalk Construction
	Roundabout		Slide Repair
	Roundabout		Traffic Signals
	City/Town		
	Interstate Highway		U.S./State Highway
	County Road - Paved		County Road - Gravel
	County Road - Gravel		Local Road/City Street
	Local Road/City Street		Railroad
	Commissioner District		Township Boundary
	Lake		River/Stream



St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



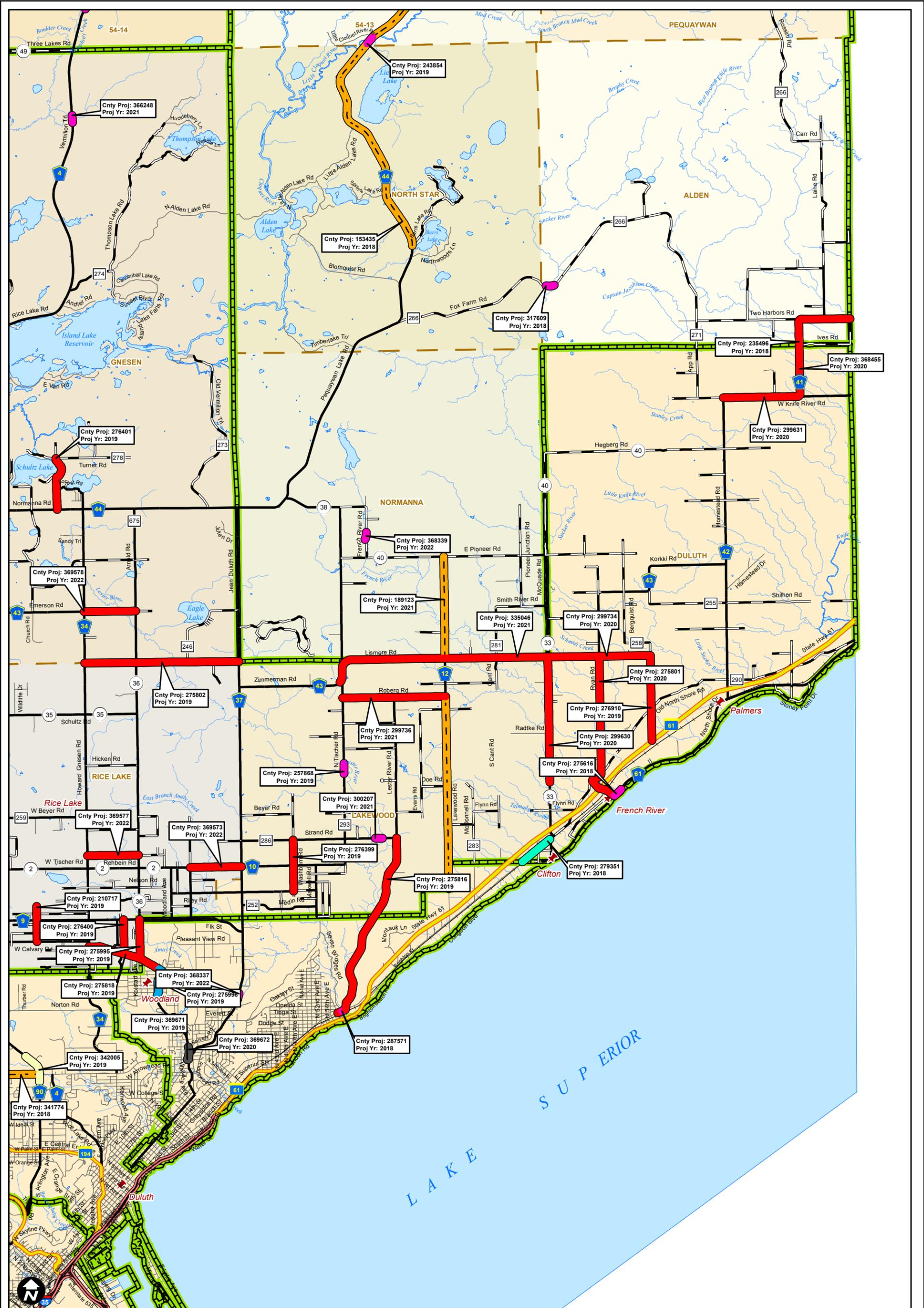
Map Components			
5 Year CIP: Road & Bridge Construction			
Bituminous Overlay	Dynamic Warning System	Reclaim & Overlay	Interstate Highway
Bridge Construction	Guard Rail	Reconstruction	U.S./State Highway
Bridge Removal	Hot In Place Recycle	Road Construction	County Road - Paved
Chip Seal	Intersection Improvements	Roundabout	County Road - Gravel
Cold In Place Recycle	Micro Surface	Sag Repair	Local Road/City Street
Complete Rebuild	Mill & Overlay	Scrub Seal	Railroad
Complete Reconstruction	New Construction	Sidewalk Construction	City/Town
Culvert Replacement	Ped/Bike Trail	Slide Repair	Commissioner District
	RR Xing Improvement	Traffic Signals	Township Boundary
			Lake
			River/Stream



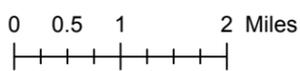
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



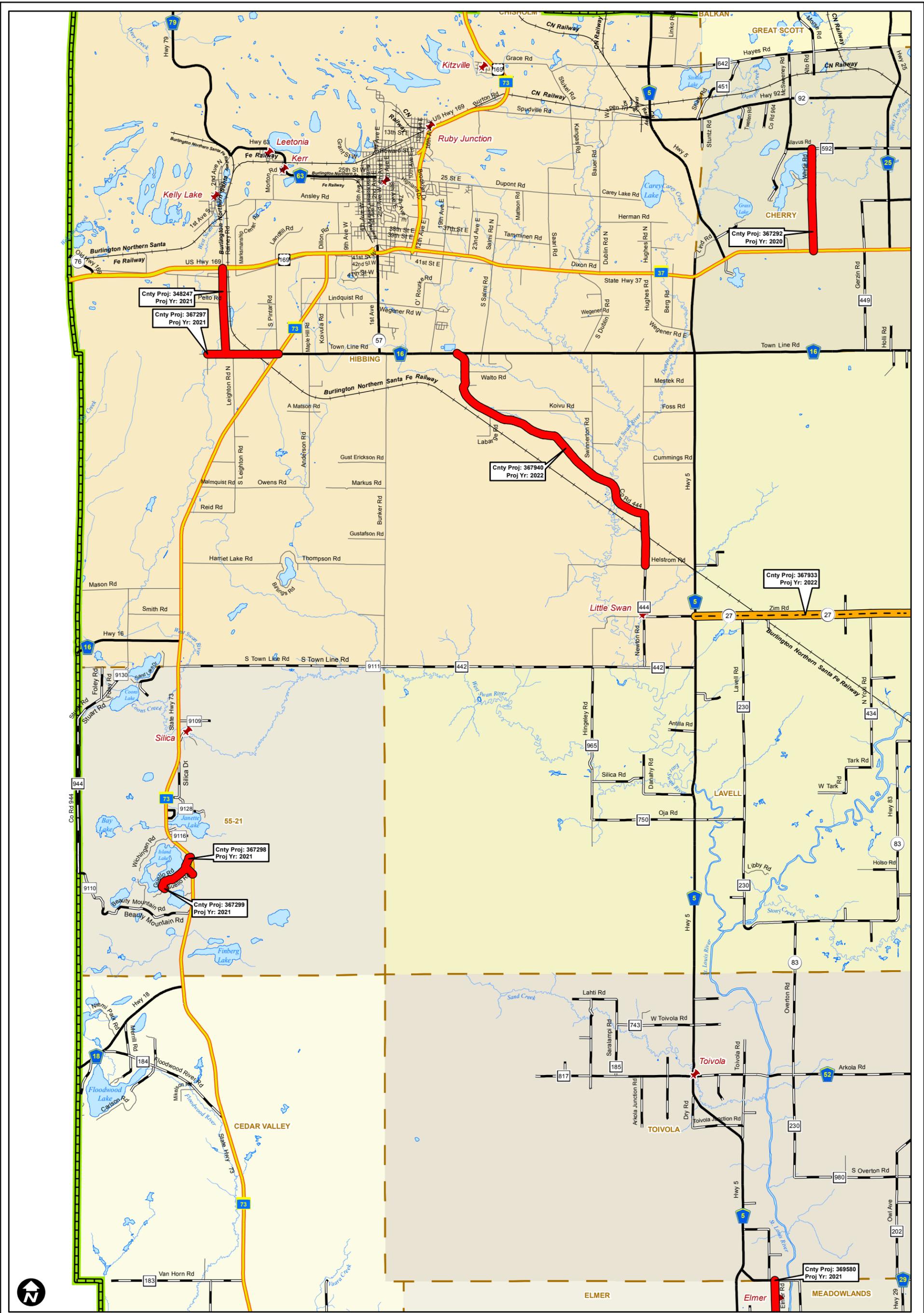
Map Components			
5 Year CIP: Road & Bridge Construction			
Bituminous Overlay	Dynamic Warning System	Reclaim & Overlay	Interstate Highway
Bridge Construction	Guard Rail	Reconstruction	U.S./State Highway
Bridge Removal	Hot In Place Recycle	Road Construction	County Road - Paved
Chip Seal	Intersection Improvements	Roundabout	County Road - Gravel
Cold In Place Recycle	Micro Surface	Sag Repair	Local Road/City Street
Complete Rebuild	Mill & Overlay	Scrub Seal	Railroad
Complete Reconstruction	New Construction	Sidewalk Construction	City/Town
Culvert Replacement	Ped/Bike Trail	Slide Repair	Commissioner District
	RR Xing Improvement	Traffic Signals	Township Boundary
			Lake
			River/Stream



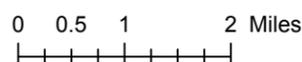
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



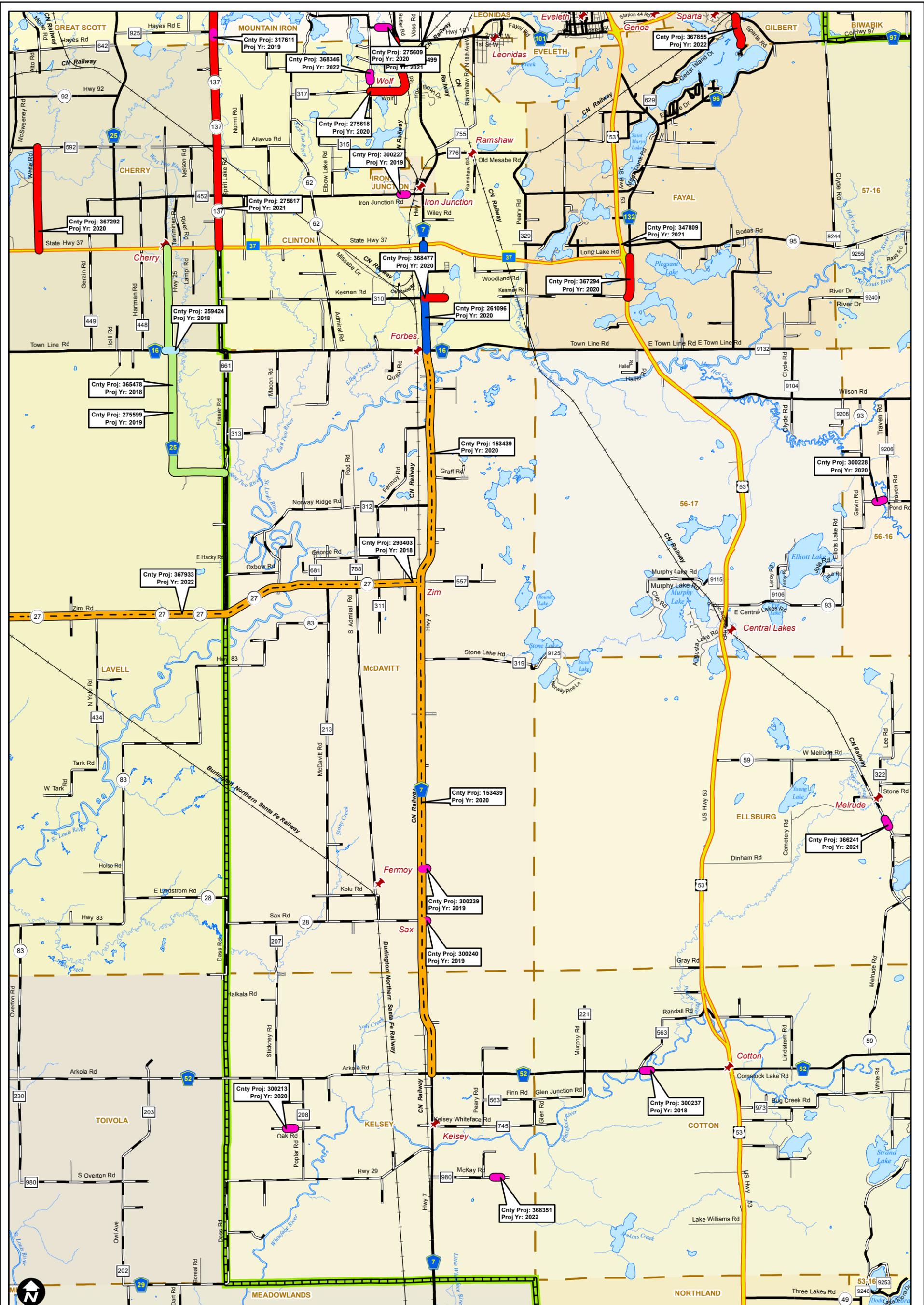
Map Components			
5 Year CIP: Road & Bridge Construction			
Bituminous Overlay	Dynamic Warning System	Reclaim & Overlay	Interstate Highway
Bridge Construction	Guard Rail	Reconstruction	U.S./State Highway
Bridge Removal	Hot In Place Recycle	Road Construction	County Road - Paved
Chip Seal	Intersection Improvements	Roundabout	County Road - Gravel
Cold In Place Recycle	Micro Surface	Sag Repair	Local Road/City Street
Complete Rebuild	Mill & Overlay	Scrub Seal	Railroad
Complete Reconstruction	New Construction	Sidewalk Construction	City/Town
Culvert Replacement	Ped/Bike Trail	Slide Repair	Commissioner District
	RR Xing Improvement	Traffic Signals	Township Boundary
			Lake
			River/Stream



St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



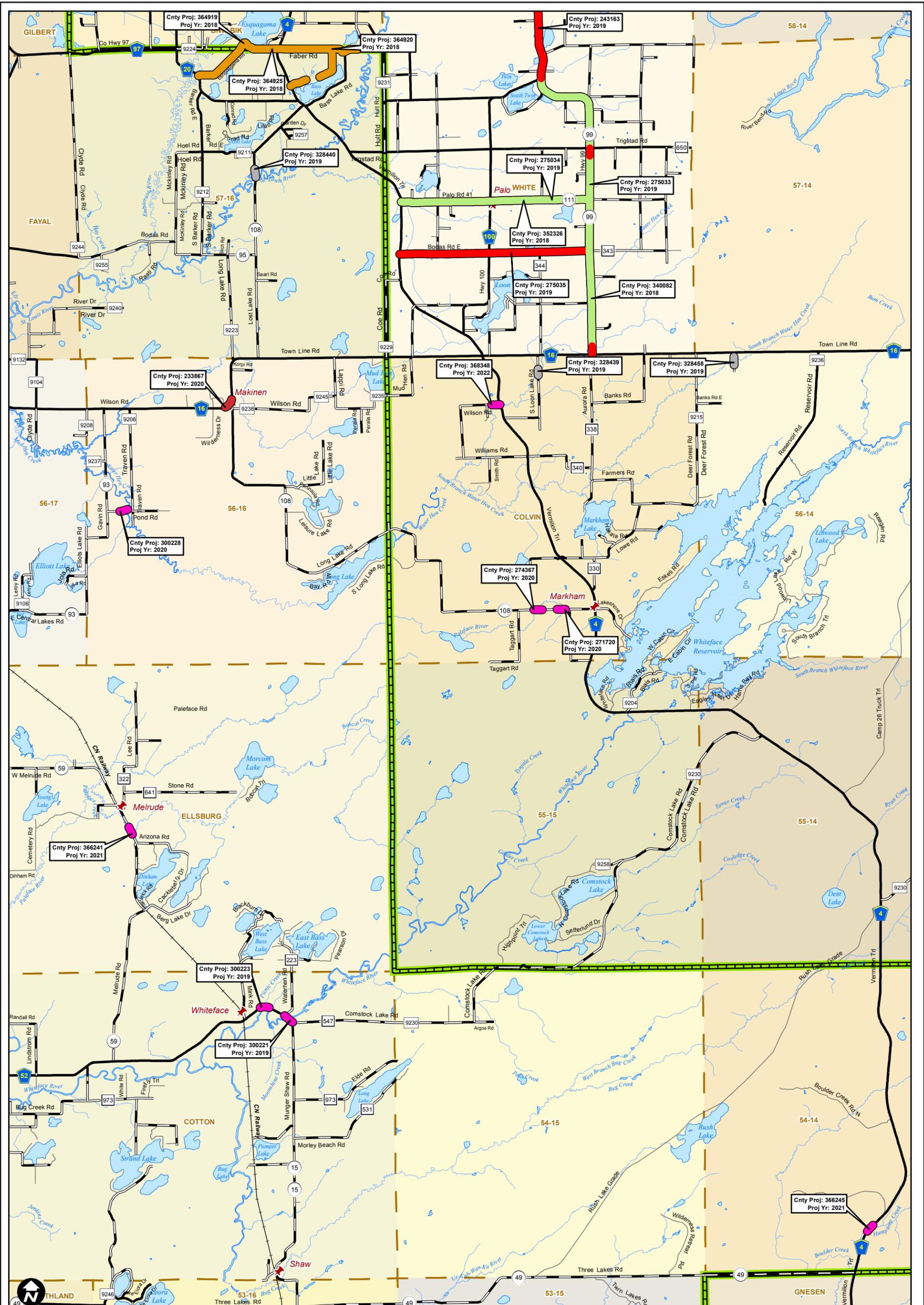
Map Components			
5 Year CIP: Road & Bridge Construction			
Bituminous Overlay	Dynamic Warning System	Reclaim & Overlay	Interstate Highway
Bridge Construction	Guard Rail	Reconstruction	U.S./State Highway
Bridge Removal	Hot In Place Recycle	Road Construction	County Road - Paved
Chip Seal	Intersection Improvements	Roundabout	County Road - Gravel
Cold In Place Recycle	Micro Surface	Sag Repair	Local Road/City Street
Complete Rebuild	Mill & Overlay	Scrub Seal	Railroad
Complete Reconstruction	New Construction	Sidewalk Construction	City/Town
Culvert Replacement	Ped/Bike Trail	Slide Repair	Commissioner District
RR Xing Improvement	Traffic Signals	Township Boundary	Lake
		River/Stream	



St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



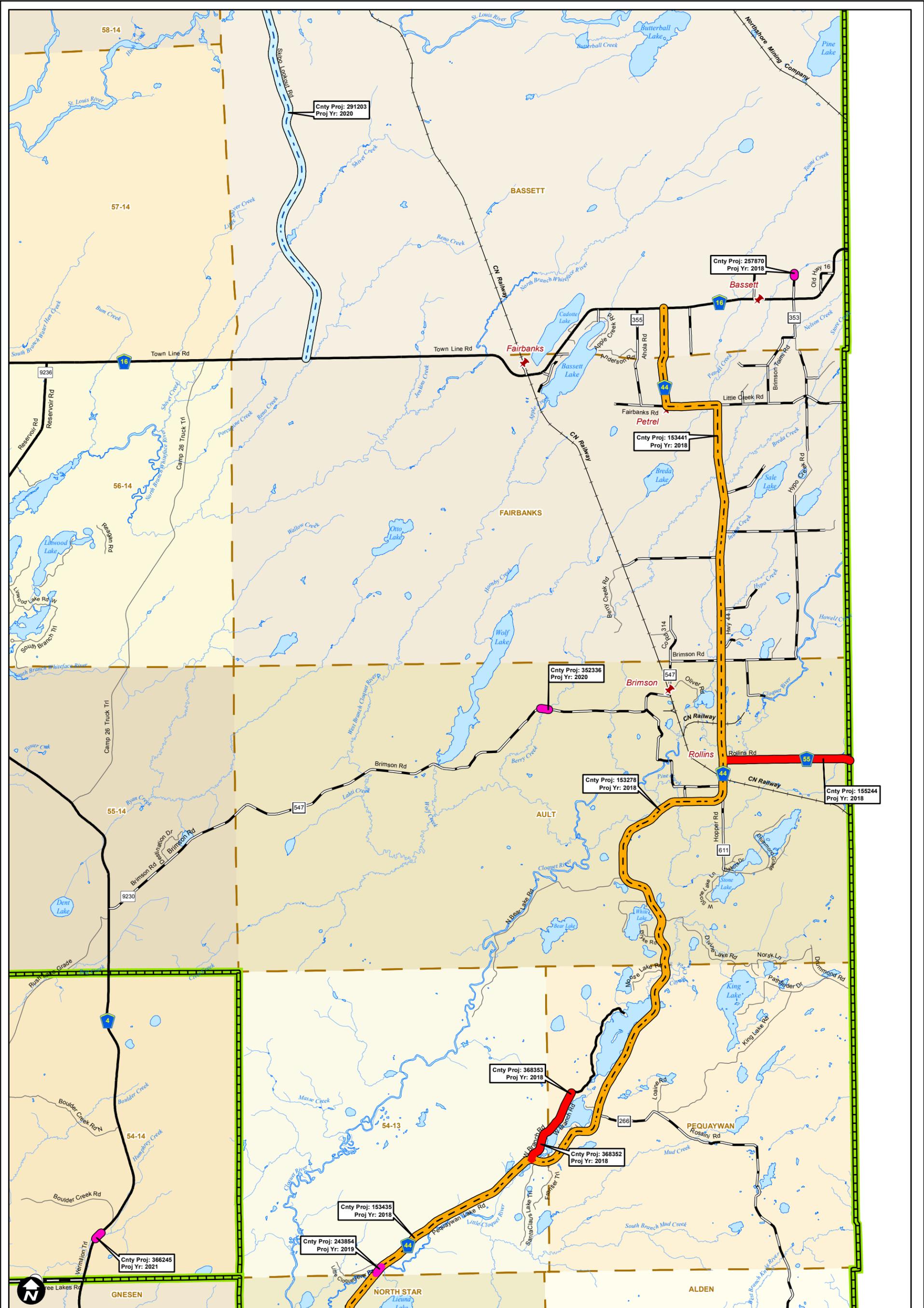
Map Components			
5 Year CIP: Road & Bridge Construction			
Bituminous Overlay	Dynamic Warning System	Reclaim & Overlay	Interstate Highway
Bridge Construction	Guard Rail	Reconstruction	U.S./State Highway
Bridge Removal	Hot In Place Recycle	Road Construction	County Road - Paved
Chip Seal	Intersection Improvements	Roundabout	County Road - Gravel
Cold In Place Recycle	Micro Surface	Sag Repair	Local Road/City Street
Complete Rebuild	Mill & Overlay	Scrub Seal	Railroad
Complete Reconstruction	New Construction	Sidewalk Construction	City/Town
Culvert Replacement	Ped/Bike Trail	Slide Repair	Lake
	RR Xing Improvement	Traffic Signals	River/Stream
			Commissioner District
			Township Boundary



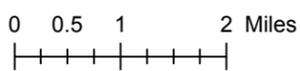
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



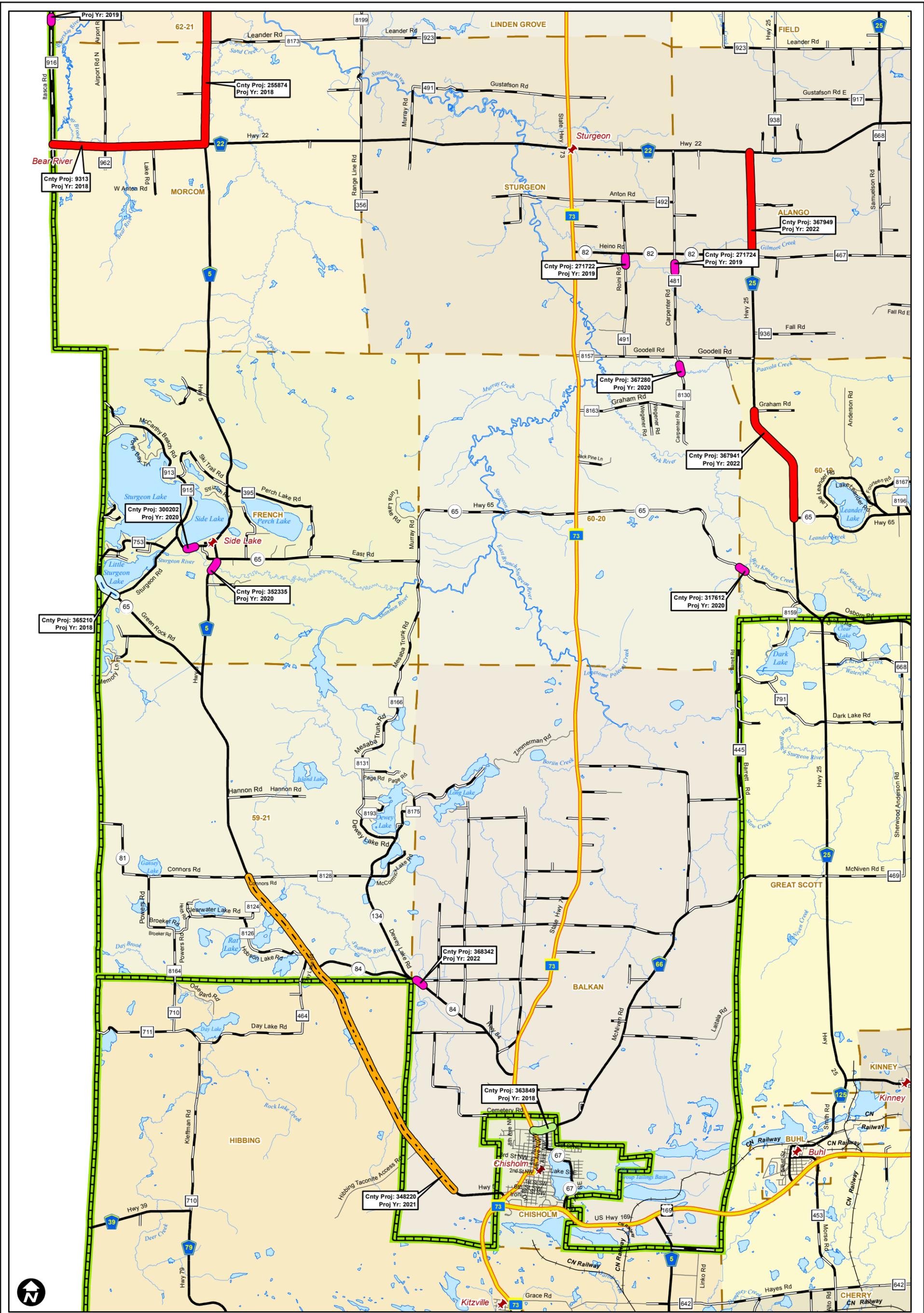
Map Components			
5 Year CIP: Road & Bridge Construction			
	Bituminous Overlay		Dynamic Warning System
	Bridge Construction		Reclaim & Overlay
	Bridge Removal		Reconstruction
	Chip Seal		Road Construction
	Cold In Place Recycle		Roundabout
	Complete Rebuild		Sag Repair
	Complete Reconstruction		Scrub Seal
	Culvert Replacement		New Construction
			Sidewalk Construction
			Slide Repair
			Traffic Signals
			RR Xing Improvement
			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 2018 - 2022

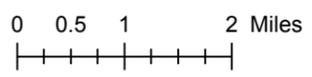


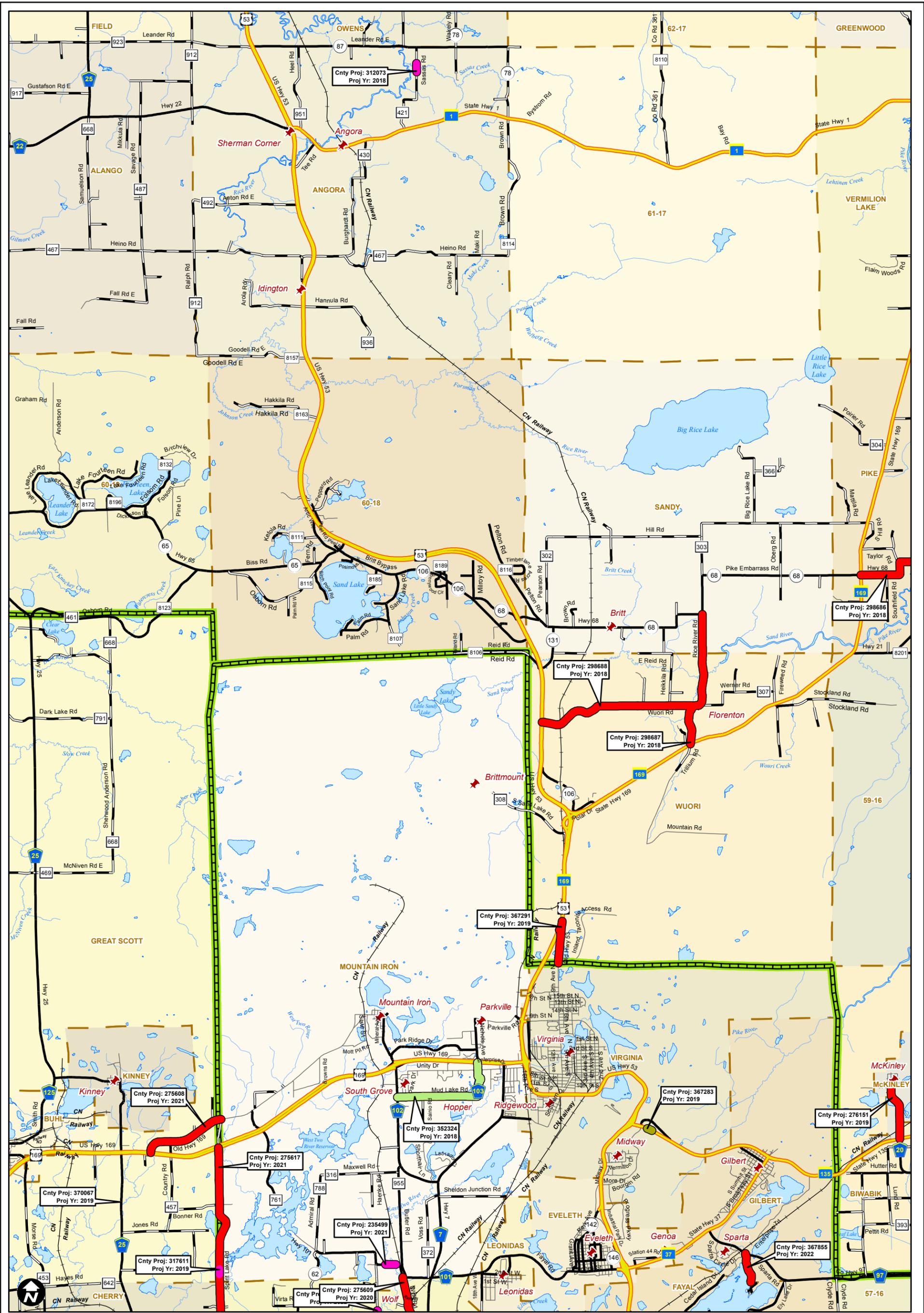
Map Components			
5 Year CIP: Road & Bridge Construction			
	Bituminous Overlay		Dynamic Warning System
	Bridge Construction		Reclaim & Overlay
	Bridge Removal		Reconstruction
	Chip Seal		Road Construction
	Cold In Place Recycle		Hot In Place Recycle
	Complete Rebuild		Intersection Improvements
	Complete Reconstruction		Micro Surface
	Culvert Replacement		Mill & Overlay
	Guard Rail		New Construction
	Hot In Place Recycle		Ped/Bike Trail
	Intersection Improvements		RR Xing Improvement
	Micro Surface		Roundabout
	Mill & Overlay		Sag Repair
	New Construction		Scrub Seal
	Ped/Bike Trail		Sidewalk Construction
	Reclaim & Overlay		Slide Repair
	Reconstruction		Traffic Signals
	Road Construction		Interstate Highway
	Hot In Place Recycle		U.S./State Highway
	Intersection Improvements		County Road - Paved
	Mill & Overlay		County Road - Gravel
	New Construction		Local Road/City Street
	Ped/Bike Trail		Railroad
	Reclaim & Overlay		City/Town
	Reconstruction		Commissioner District
	Road Construction		Township Boundary
	Hot In Place Recycle		Lake
	Intersection Improvements		River/Stream



St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022

Map Components			
5 Year CIP: Road & Bridge Construction	Dynamic Warning System	Reclaim & Overlay	Interstate Highway
Bituminous Overlay	Guard Rail	Reconstruction	U.S./State Highway
Bridge Construction	Hot In Place Recycle	Road Construction	County Road - Paved
Bridge Removal	Intersection Improvements	Roundabout	County Road - Gravel
Chip Seal	Micro Surface	Sag Repair	Local Road/City Street
Cold In Place Recycle	Mill & Overlay	Scrub Seal	Railroad
Complete Rebuild	New Construction	Sidewalk Construction	City/Town
Complete Reconstruction	Ped/Bike Trail	Slide Repair	Commissioner District
Culvert Replacement	RR Xing Improvement	Traffic Signals	Township Boundary
			Lake
			River/Stream

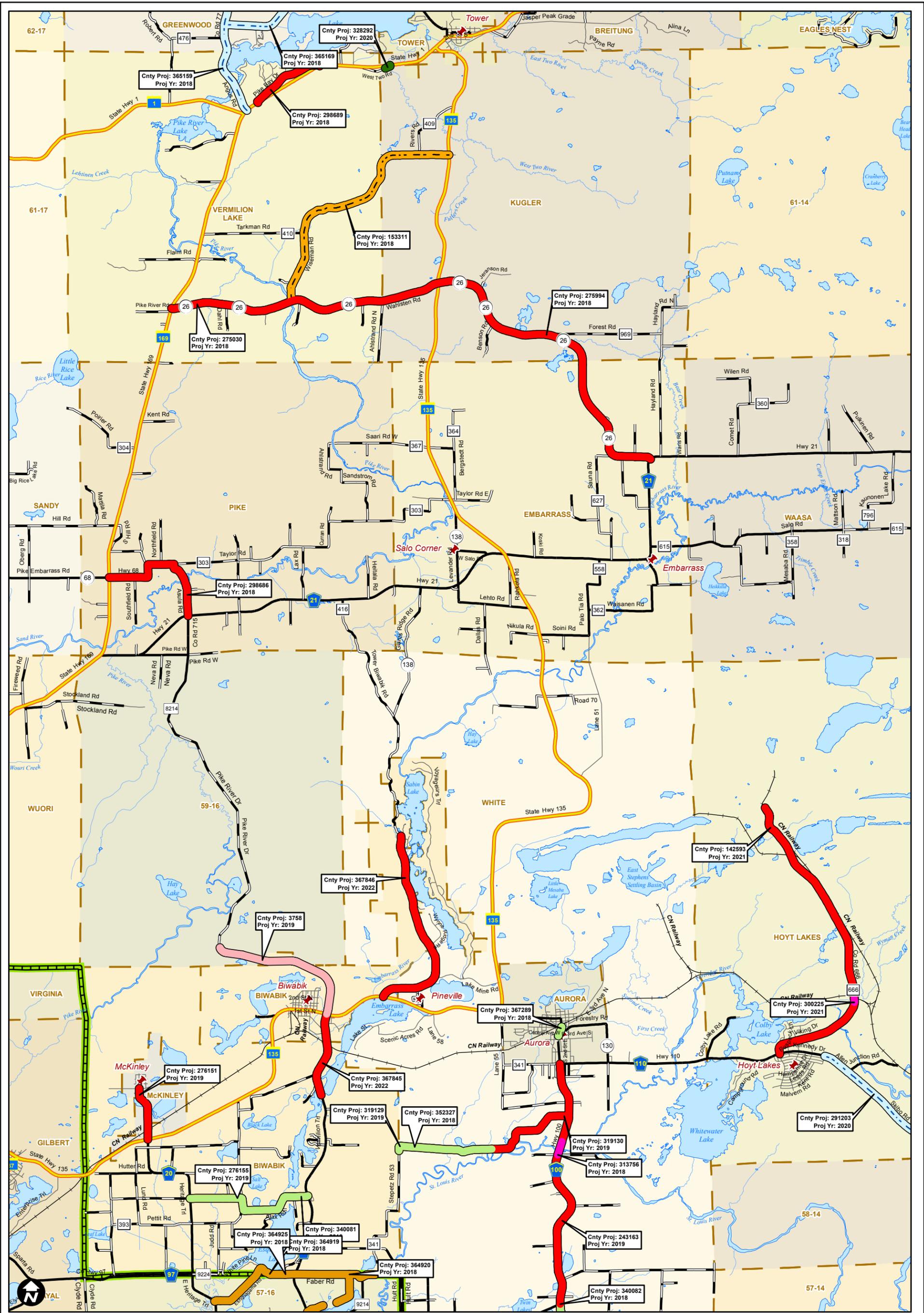




St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



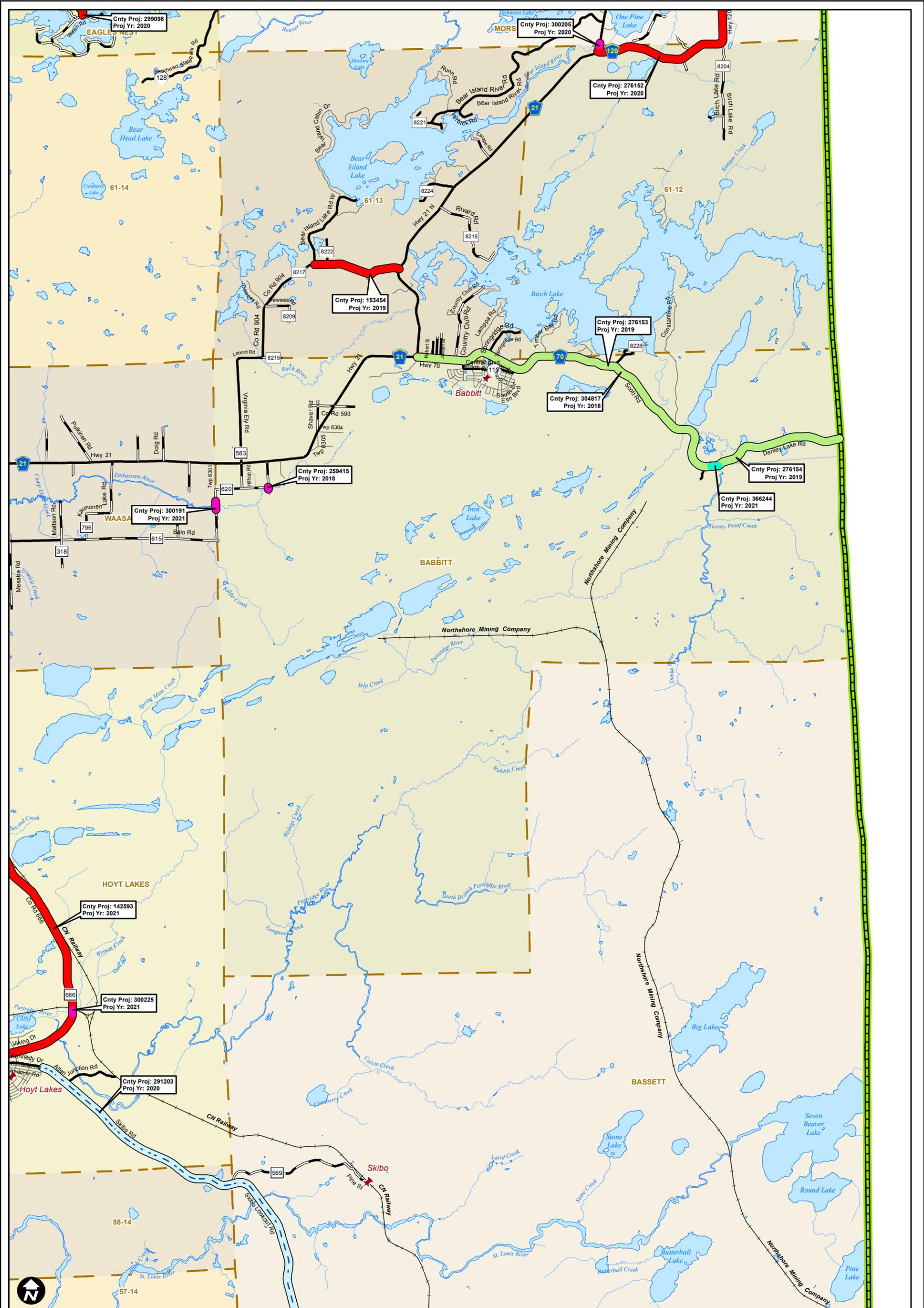
Map Components			
5 Year CIP: Road & Bridge Construction			
Bituminous Overlay	Dynamic Warning System	Reclaim & Overlay	Interstate Highway
Bridge Construction	Guard Rail	Reconstruction	U.S./State Highway
Bridge Removal	Hot In Place Recycle	Road Construction	County Road - Paved
Chip Seal	Intersection Improvements	Roundabout	County Road - Gravel
Cold In Place Recycle	Micro Surface	Sag Repair	Local Road/City Street
Complete Rebuild	Mill & Overlay	Scrub Seal	Railroad
Complete Reconstruction	New Construction	Sidewalk Construction	City/Town
Culvert Replacement	Ped/Bike Trail	Slide Repair	Commissioner District
	RR Xing Improvement	Traffic Signals	Township Boundary
			Lake
			River/Stream



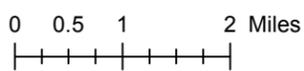
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022

Map Components			
5 Year CIP: Road & Bridge Construction			
	Bituminous Overlay		Reclaim & Overlay
	Bridge Construction		Reconstruction
	Bridge Removal		Road Construction
	Chip Seal		Roundabout
	Cold In Place Recycle		Sag Repair
	Complete Rebuild		Scrub Seal
	Complete Reconstruction		New Construction
	Culvert Replacement		Sidewalk Construction
			Slide Repair
			Ped/Bike Trail
			RR Xing Improvement
			Traffic Signals
	Interstate Highway		U.S./State Highway
	County Road - Paved		County Road - Gravel
	Local Road/City Street		Railroad
	Commissioner District		Township Boundary
	Lake		City/Town
	River/Stream		

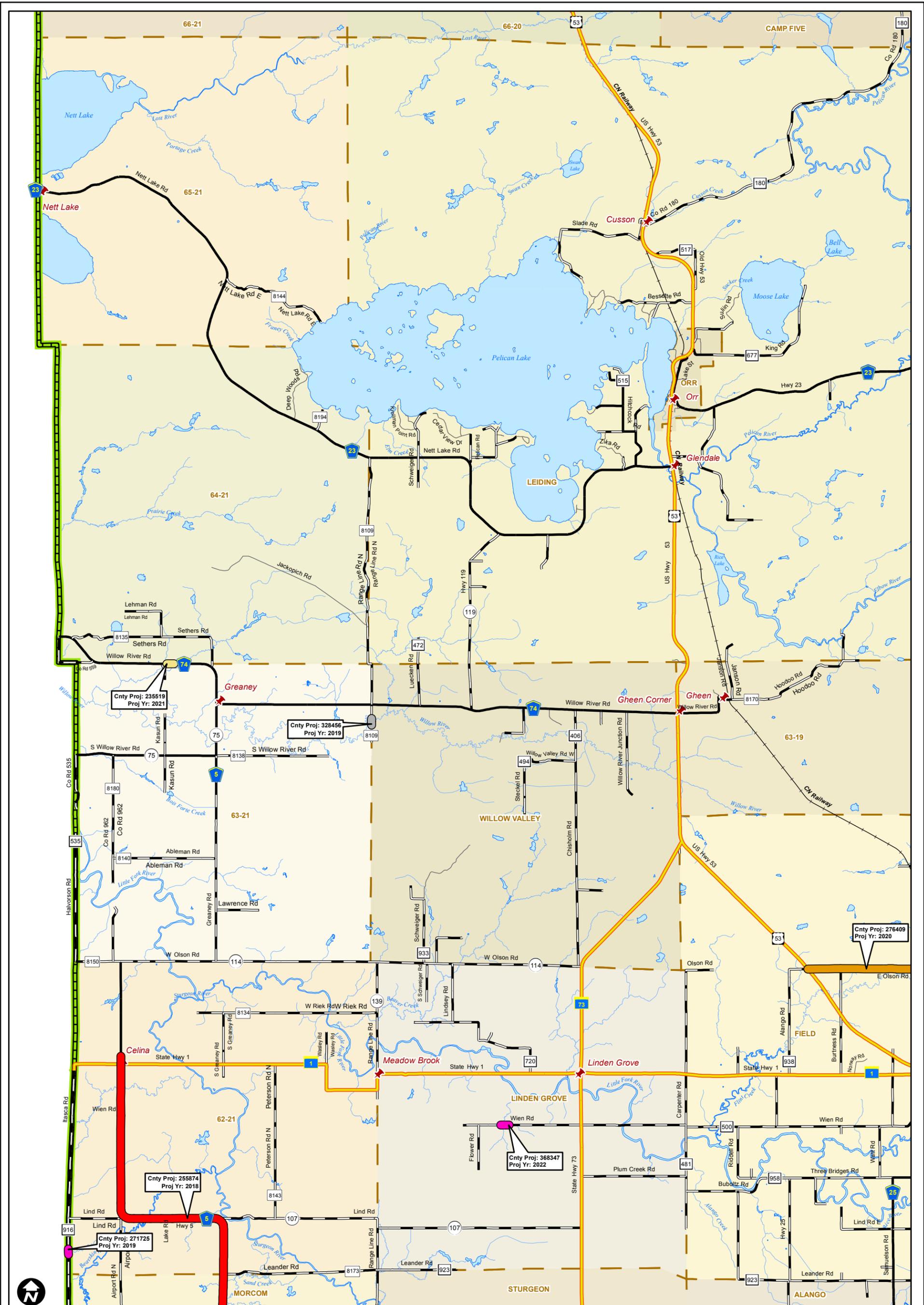




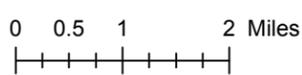
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



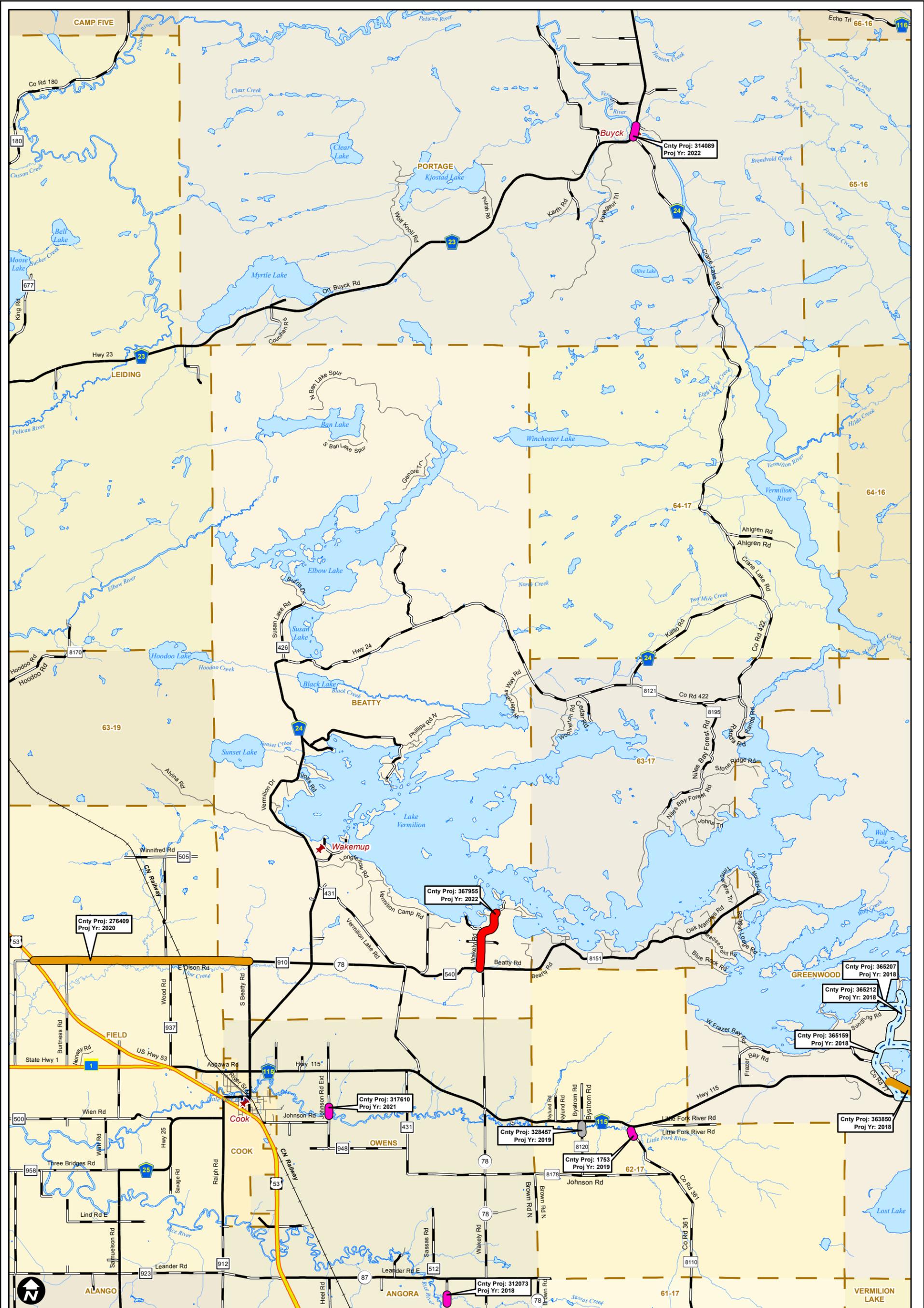
Map Components			
5 Year CIP: Road & Bridge Construction			
	Bituminous Overlay		Reclaim & Overlay
	Bridge Construction		Reconstruction
	Bridge Removal		Road Construction
	Chip Seal		Roundabout
	Cold In Place Recycle		Sag Repair
	Complete Rebuild		Sidewalk Construction
	Complete Reconstruction		Slide Repair
	Culvert Replacement		Ped/Bike Trail
	Dynamic Warning System		RR Xing Improvement
	Guard Rail		Traffic Signals
	Hot In Place Recycle		Interstate Highway
	Intersection Improvements		U.S./State Highway
	Micro Surface		County Road - Paved
	Mill & Overlay		County Road - Gravel
	New Construction		Local Road/City Street
	Scrub Seal		Railroad
	Slide Repair		City/Town
	Slide Repair		Commissioner District
	Traffic Signals		Township Boundary
			Lake
			River/Stream



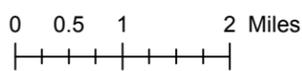
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



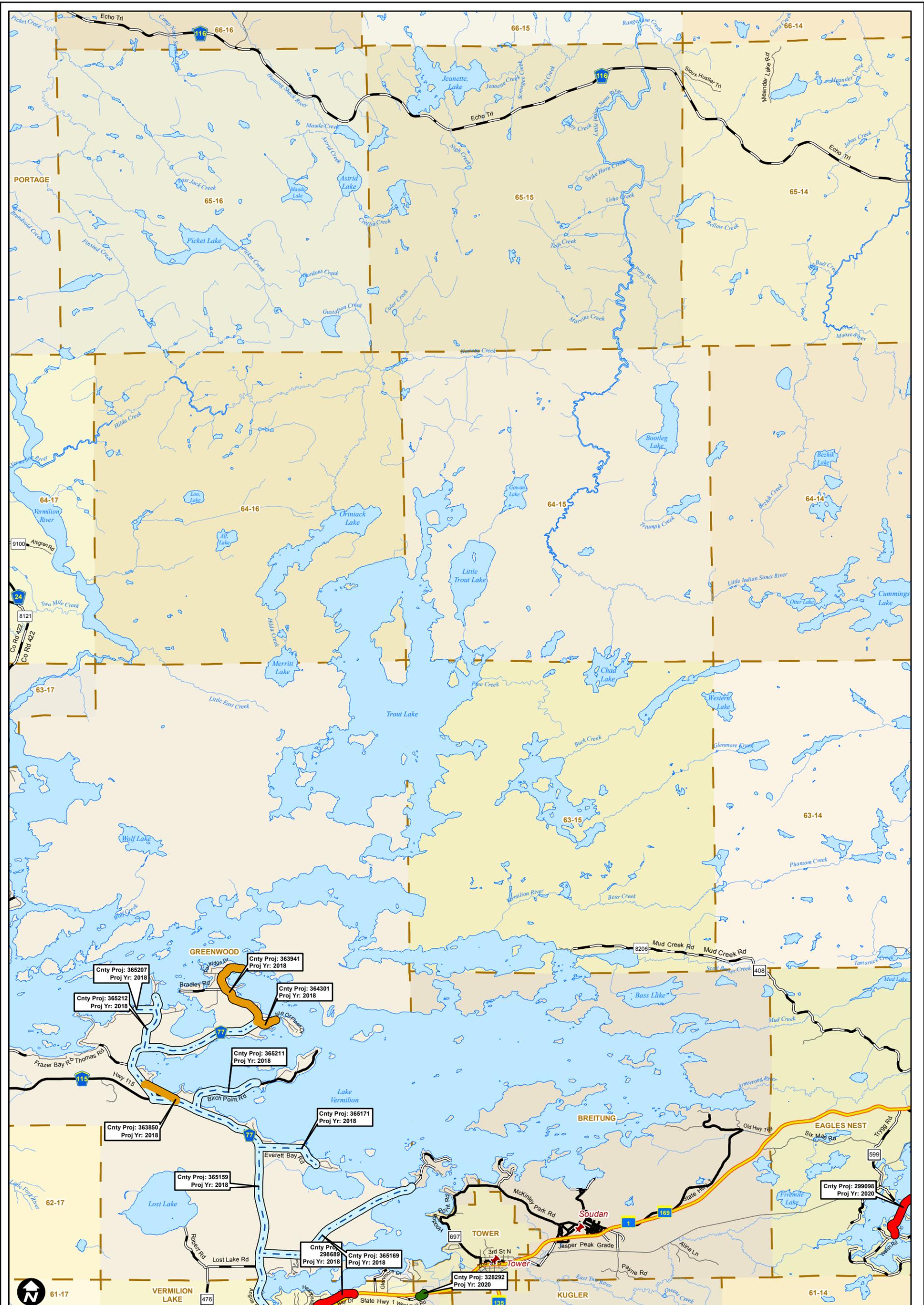
Map Components			
5 Year CIP: Road & Bridge Construction			
Bituminous Overlay	Dynamic Warning System	Reclaim & Overlay	Interstate Highway
Bridge Construction	Guard Rail	Reconstruction	U.S./State Highway
Bridge Removal	Hot In Place Recycle	Road Construction	County Road - Paved
Chip Seal	Intersection Improvements	Roundabout	County Road - Gravel
Cold In Place Recycle	Micro Surface	Sag Repair	Local Road/City Street
Complete Rebuild	Mill & Overlay	Scrub Seal	Railroad
Complete Reconstruction	New Construction	Sidewalk Construction	City/Town
Culvert Replacement	Ped/Bike Trail	Slide Repair	Commissioner District
	RR Xing Improvement	Traffic Signals	Township Boundary
			Lake
			River/Stream



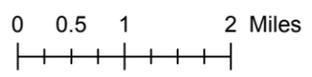
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



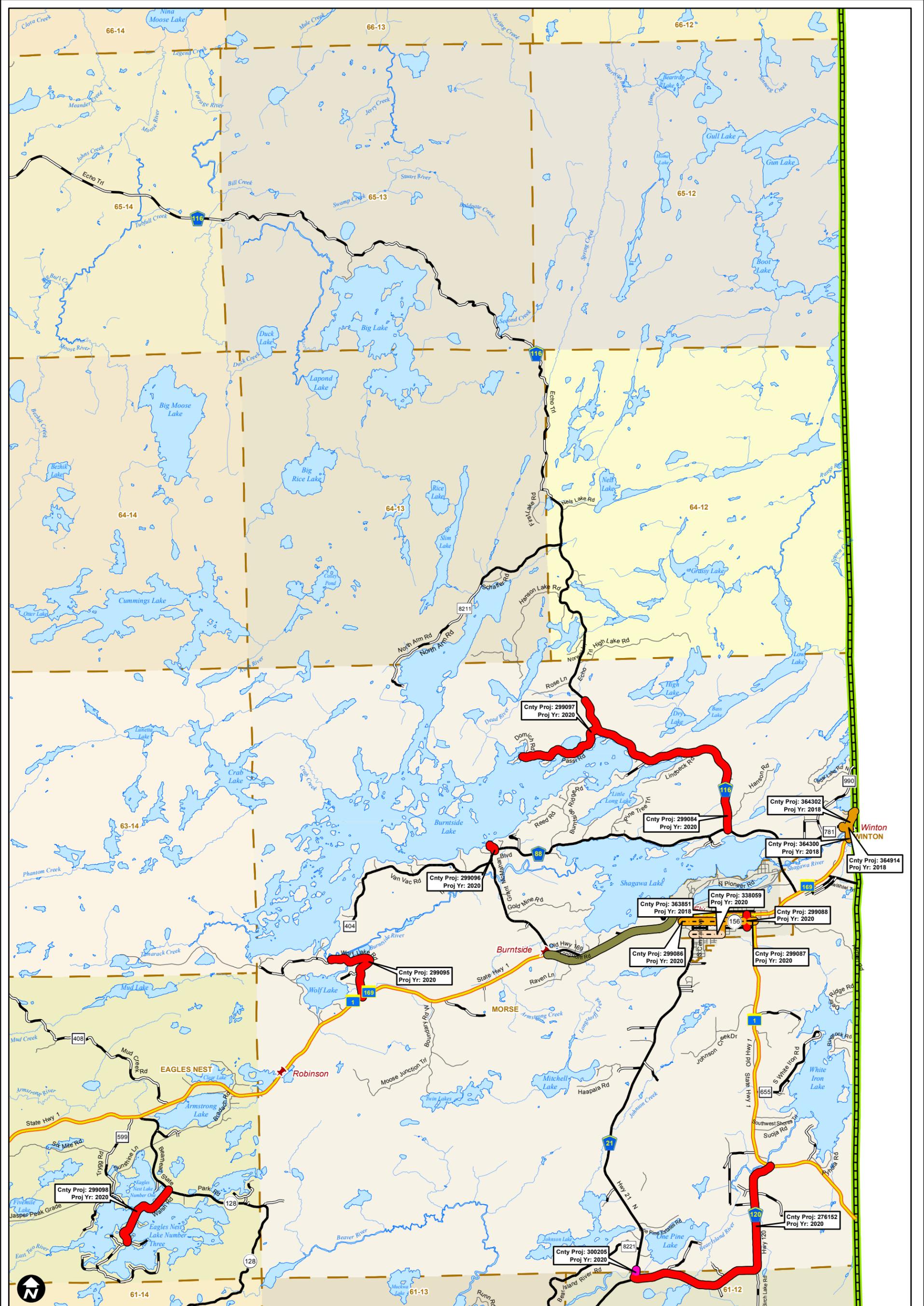
Map Components			
5 Year CIP: Road & Bridge Construction			
	Bituminous Overlay		Dynamic Warning System
	Bridge Construction		Reclaim & Overlay
	Bridge Removal		Reconstruction
	Chip Seal		Road Construction
	Cold In Place Recycle		Hot In Place Recycle
	Complete Rebuild		Intersection Improvements
	Complete Reconstruction		Micro Surface
	Culvert Replacement		Mill & Overlay
			New Construction
			Ped/Bike Trail
			Slide Repair
			RR Xing Improvement
			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
	Commissioner District		City/Town
	Township Boundary		Lake
			River/Stream



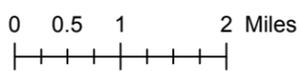
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



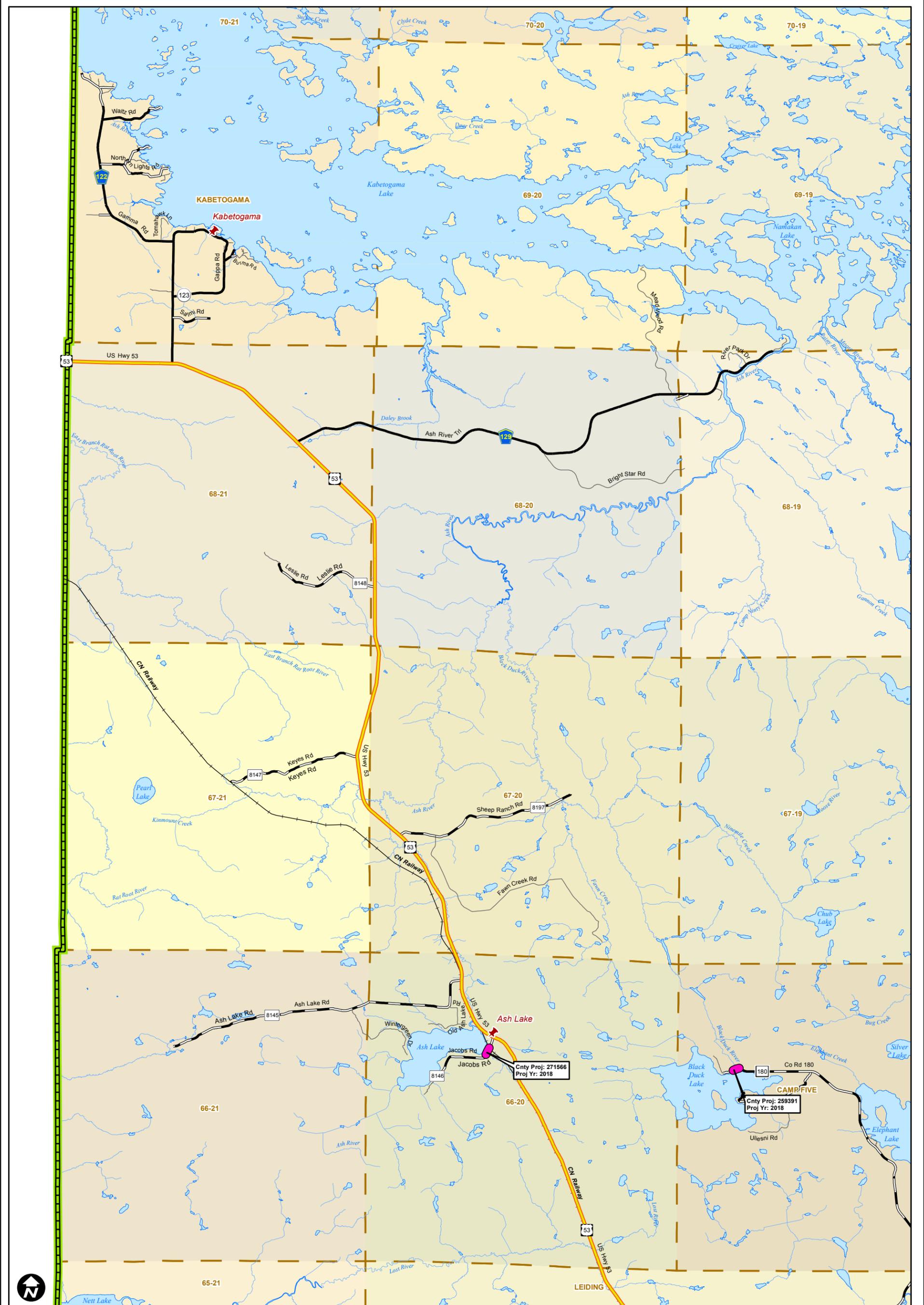
Map Components			
5 Year CIP: Road & Bridge Construction			
	Bituminous Overlay		Dynamic Warning System
	Bridge Construction		Reclaim & Overlay
	Bridge Removal		Reconstruction
	Chip Seal		Road Construction
	Cold In Place Recycle		Hot In Place Recycle
	Complete Rebuild		Intersection Improvements
	Complete Reconstruction		Micro Surface
	Culvert Replacement		Mill & Overlay
	Guard Rail		New Construction
	Hot In Place Recycle		Ped/Bike Trail
	Intersection Improvements		RR Xing Improvement
	Micro Surface		Sag Repair
	Mill & Overlay		Scrub Seal
	New Construction		Sidewalk Construction
	Ped/Bike Trail		Slide Repair
	RR Xing Improvement		Traffic Signals
	Reclaim & Overlay		Interstate Highway
	Reconstruction		U.S./State Highway
	Road Construction		County Road - Paved
	Roundabout		County Road - Gravel
	Sag Repair		Local Road/City Street
	Scrub Seal		Railroad
	Sidewalk Construction		City/Town
	Slide Repair		Commissioner District
	Traffic Signals		Township Boundary
			Lake
			River/Stream



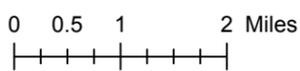
St. Louis County 5 Year CIP: Road & Bridge Construction for 2018 - 2022



Map Components			
5 Year CIP: Road & Bridge Construction			
	Bituminous Overlay		Dynamic Warning System
	Bridge Construction		Guard Rail
	Bridge Removal		Hot In Place Recycle
	Chip Seal		Intersection Improvements
	Cold In Place Recycle		Micro Surface
	Complete Rebuild		Mill & Overlay
	Complete Reconstruction		New Construction
	Culvert Replacement		Ped/Bike Trail
			RR Xing Improvement
			Slide Repair
			Traffic Signals
	Reclaim & Overlay		Roundabout
	Reconstruction		Sag Repair
	Road Construction		Scrub Seal
	Roundabout		Sidewalk Construction
	Sag Repair		Slide Repair
	Scrub Seal		Traffic Signals
	Sidewalk Construction		Interstate Highway
	Slide Repair		U.S./State Highway
	Traffic Signals		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 2018 - 2022



Map Components			
5 Year CIP: Road & Bridge Construction			
Bituminous Overlay	Dynamic Warning System	Reclaim & Overlay	Interstate Highway
Bridge Construction	Guard Rail	Reconstruction	U.S./State Highway
Bridge Removal	Hot In Place Recycle	Road Construction	County Road - Paved
Chip Seal	Intersection Improvements	Roundabout	County Road - Gravel
Cold In Place Recycle	Micro Surface	Sag Repair	Local Road/City Street
Complete Rebuild	Mill & Overlay	Scrub Seal	Railroad
Complete Reconstruction	New Construction	Sidewalk Construction	City/Town
Culvert Replacement	Ped/Bike Trail	Slide Repair	Commissioner District
	RR Xing Improvement	Traffic Signals	Township Boundary
			Lake
			River/Stream