



Five-Year Capital Improvement Plan 2014-2018

Updated November, 2014

SAINT LOUIS COUNTY Board of Commissioners

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Introduction - St. Louis County Capital Improvement Program Fiscal Years 2014 – 2018

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

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

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

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

Goals of the CIP

The CIP is prepared in consideration of two major goals:

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

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

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

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

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

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

Relationship of the CIP to the Operating Budget

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

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

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

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

CIP Strategy, Review & Adjustment

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

Over the past year, strategic CIP efforts have included:

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

- Working with the Information Technology and Planning and Community Development departments to include a technology section in the CIP. This inclusion provides for large-scale infrastructure projects and systems such as our Land Records Portal.
- Working with all departments on CIP submission to enhance the information provided.
- County Administration has been working closely with departments to identify more customer-friendly interface options for county facilities, which would serve to ensure public and employee safety, create a welcoming center for the delivery of county services, promote inter-departmental synergies across like or complementary service areas, and provide for more effective and efficient utilization of current county facilities. Such projects include the Public Health and Human Services Department's centralized client intake centers (Duluth, Virginia, 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 2014-2018 CIP has been prepared with the following financial assumptions:

- A bond issuance in 2017 is currently being proposed, when issued, will include financing for new construction and building upgrades. The bond schedule will continue to change based on project need and financial realities.
- All contributions from the General Fund have been incorporated into actual 2014 and proposed 2015-2017 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 2014-2018 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 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 tax-payers of St. Louis County. With the planned Duluth Government Service Center remodel, the goal of eliminating leases and centrally locating county services will be

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 FY2014-2018 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 20 years for real property or 5 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 winter.

Implementation Rate

Not all projects included in the 2014 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 2014-2018 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).

2014-2018 CIP by Category & Department

Technology

This section includes planned technology investments submitted by the Information Technology (IT) Department and the Planning and Community Development Department.

Department	2014	2015	2016	2017	2018	TOTAL
Information Technology/Planning and Development						
Data Center Storage Area Network (SAN)	\$150,000	\$200,000	\$150,000	\$250,000	\$200,000	\$950,000
Enterprise Applications and Interfaces	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
IT/GIS Enterprise Geospatial Data Infrastructure	\$100,000	\$100,000	\$400,000	\$100,000	\$100,000	\$800,000
IT Service Desk Software		\$145,000				\$145,000
Total Technology	\$450,000	\$545,000	\$650,000	\$450,000	\$400,000	\$2,495,000

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:

Department	2014	2015	2016	2017	2018	TOTAL
Environmental Services						
Landfill Gas Collection & Management System - Virginia		\$520,000	\$400,000	\$600,000		\$1,520,000
Leachate Field Expansion - Virginia		\$1,000,000		\$150,000	\$100,000	\$1,250,000
Leachate Pond Construction - Virginia			\$1,200,000	\$150,000		\$1,350,000
Virginia Landfill Storage Building	\$10,000	\$140,000				\$150,000
Total Environmental Services	\$10,000	\$1,660,000	\$1,600,000	\$900,000	\$100,000	\$4,120,000

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.

Property Management Facilities Capital Projects

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

The following table shows the planned contributions to capital projects:

Department	2014	2015	2016	2017	2018	TOTAL
Property Management Facilities						
Preventive Maintenance as Required by VFA	\$253,000	\$675,000	\$1,169,031	\$1,955,766	\$223,133	\$4,275,930
Virginia Area Office Building Renovation/Replacement	\$75,000	\$70,000	\$150,000	\$9,000,000		\$9,295,000
Virginia Motor Pool - New Building & Solar Power Install	\$995,000	\$85,500				\$1,080,500
Rescue Squad Storage Building - Virginia	\$85,000	\$1,315,000				\$1,400,000
Rescue Squad Storage Building - Pike Lake Campus			\$375,000			\$375,000
A. P. Cook Building Renovation	\$1,103,700	\$500,000	\$300,000			\$1,903,700
Public Safety Campus - Entrance and Marble Street Improvements		\$300,000				\$300,000
Jail Building Automation System		\$200,000	\$250,000			\$450,000
Jail Parking Lot Reconstruction		\$175,000				\$175,000
Duluth Courthouse Law Library & Property Management Remodel	\$300,000					\$300,000
Duluth GSC Remodel	\$9,600,000	\$8,000,000				\$17,600,000
Duluth Downtown Parking Lot Repairs			\$550,000			\$550,000
Hibbing Courthouse Parking Lot Replacement	\$182,000					\$182,000
Hibbing Courthouse Building Automation System	\$165,000	\$200,000				\$365,000
Hibbing Annex Motor Pool Carport & Solar Power Install	\$230,000	\$70,000				\$300,000
Hibbing Annex Parking Lot Replacement	\$25,000	\$150,000				\$175,000
Ely GSC Roof Replacement & Solar Power Install		\$200,000				\$200,000
Depot Building Systems Replacement/Repairs	\$56,500	\$150,000				\$206,500
Camp Esquagama Improvements	\$610,638					\$610,638
Courthouse Security Projects	\$78,000	\$70,000	\$280,000	\$90,000		\$518,000
Total Property Management Facilities	\$13,758,838	\$12,160,500	\$3,074,031	\$11,045,766	\$223,133	\$40,262,268

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

Public Works Facilities Improvements

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

Department	2014	2015	2016	2017	2018	TOTAL
Public Works Facilities						
Preventive Maintenance as Required by VFA			\$500,000		\$500,000	\$1,000,000
Virginia Heated Wash Bay		\$550,000				\$550,000
Virginia Salt/Sand Storage Building	\$537,000					\$537,000
Virginia Parking Lot Reconfiguration	\$716,000					\$716,000
District 4 New Facility				\$10,000,000		\$10,000,000
Total Public Works Facilities	\$1,253,000	\$550,000	\$500,000	\$10,000,000	\$500,000	\$12,803,000

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, 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. State and federal funding for St. Louis County averages over \$15,000,000 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						
Road and Bridge Projects Summary	\$41,108,141	\$26,407,047	\$38,479,976	\$22,267,018	\$20,050,017	\$148,312,199
Total Public Works Roads and Bridges	\$41,108,141	\$26,407,047	\$38,479,976	\$22,267,018	\$20,050,017	\$148,312,199

2014-2018 CAPITAL IMPROVEMENTS PROGRAM SUMMARY

Department	2014	2015	2016	2017	2018	TOTAL
Information Technology/Planning and Development						
Data Center Storage Area Network (SAN)	\$150,000	\$200,000	\$150,000	\$250,000	\$200,000	\$950,000
Enterprise Applications and Interfaces	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
IT/GIS Enterprise Geospatial Data Infrastructure	\$100,000	\$100,000	\$400,000	\$100,000	\$100,000	\$800,000
IT Service Desk Software		\$145,000				\$145,000
Total Technology	\$450,000	\$545,000	\$650,000	\$450,000	\$400,000	\$2,495,000
Environmental Services						
Landfill Gas Collection & Management System - Virginia		\$520,000	\$400,000	\$600,000		\$1,520,000
Leachate Field Expansion - Virginia		\$1,000,000		\$150,000	\$100,000	\$1,250,000
Leachate Pond Construction - Virginia			\$1,200,000	\$150,000		\$1,350,000
Virginia Landfill Storage Building	\$10,000	\$140,000				\$150,000
Total Environmental Services	\$10,000	\$1,660,000	\$1,600,000	\$900,000	\$100,000	\$4,120,000
Property Management Facilities						
Preventive Maintenance as Required by VFA	\$253,000	\$675,000	\$1,169,031	\$1,955,766	\$223,133	\$4,275,930
Virginia Area Office Building Renovation/Replacement	\$75,000	\$70,000	\$150,000	\$9,000,000		\$9,295,000
Virginia Motor Pool - New Building & Solar Power Install	\$995,000	\$85,500				\$1,080,500
Rescue Squad Storage Building - Virginia	\$85,000	\$1,315,000				\$1,400,000
Rescue Squad Storage Building - Pike Lake Campus			\$375,000			\$375,000
A. P. Cook Building Renovation	\$1,103,700	\$500,000	\$300,000			\$1,903,700
Public Safety Campus - Entrance and Marble Street Improvements		\$300,000				\$300,000
Jail Building Automation System		\$200,000	\$250,000			\$450,000
Jail Parking Lot Reconstruction		\$175,000				\$175,000
Duluth Courthouse Law Library & Property Management Remodel	\$300,000					\$300,000
Duluth GSC Remodel	\$9,600,000	\$8,000,000				\$17,600,000
Duluth Downtown Parking Lot Repairs			\$550,000			\$550,000
Hibbing Courthouse Parking Lot Replacement	\$182,000					\$182,000
Hibbing Courthouse Building Automation System	\$165,000	\$200,000				\$365,000
Hibbing Annex Motor Pool Carport & Solar Power Install	\$230,000	\$70,000				\$300,000
Hibbing Annex Parking Lot Replacement	\$25,000	\$150,000				\$175,000
Ely GSC Roof Replacement & Solar Power Install		\$200,000				\$200,000
Depot Building Systems Replacement/Repairs	\$56,500	\$150,000				\$206,500
Camp Esquagama Improvements	\$610,638					\$610,638
Courthouse Security Projects	\$78,000	\$70,000	\$280,000	\$90,000		\$518,000
Total Property Management Facilities	\$13,758,838	\$12,160,500	\$3,074,031	\$11,045,766	\$223,133	\$40,262,268
Public Works Facilities						
Preventive Maintenance as Required by VFA			\$500,000		\$500,000	\$1,000,000
Virginia Heated Wash Bay		\$550,000				\$550,000
Virginia Salt/Sand Storage Building	\$537,000					\$537,000
Virginia Parking Lot Reconfiguration	\$716,000					\$716,000
District 4 New Facility				\$10,000,000		\$10,000,000
Total Public Works Facilities	\$1,253,000	\$550,000	\$500,000	\$10,000,000	\$500,000	\$12,803,000
Public Works Roads and Bridges						
Road and Bridge Projects Summary	\$41,108,141	\$26,407,047	\$38,479,976	\$22,267,018	\$20,050,017	\$148,312,199
Total Public Works Roads and Bridges	\$41,108,141	\$26,407,047	\$38,479,976	\$22,267,018	\$20,050,017	\$148,312,199
Total Capital Improvement Projects	\$56,579,979	\$41,322,547	\$44,304,007	\$44,662,784	\$21,273,150	\$207,992,467

2014– 2018 SUMMARY OF REVENUES BY DEPARTMENT

Department	2014	2015	2016	2017	2018
Information Technology/Planning and Development					
Property Tax	\$150,000	\$345,000	\$150,000	\$250,000	\$200,000
Bonding	0	0	0	0	0
Federal/State	0	0	0	0	0
Other	\$300,000	\$200,000	\$500,000	\$200,000	\$200,000
Total Technology	\$450,000	\$545,000	\$650,000	\$450,000	\$400,000
Environmental Services					
Property Tax	0	0	0	0	0
Bonding	0	0	0	0	0
Federal/State	0	0	0	0	0
Other	\$10,000	\$1,640,000	\$1,600,000	\$900,000	\$100,000
Total Environmental Services	\$10,000	\$1,640,000	\$1,600,000	\$900,000	\$100,000
Property Management Facilities					
Property Tax	\$2,484,838	\$1,925,000	\$1,859,031	\$2,000,766	\$223,133
Bonding	\$9,675,000	\$8,070,000	\$150,000	\$9,000,000	0
Federal/State	\$85,000	\$615,000	0	0	0
Other	\$1,514,000	\$1,550,500	\$1,065,000	\$45,000	0
Total Property Management Facilities	\$13,758,838	\$12,160,500	\$3,074,031	\$11,045,766	\$223,133
Public Works Facilities					
Property Tax	\$1,253,000	\$550,000	\$500,000		\$500,000
Bonding	0		0	\$10,000,000	0
Federal/State	0	0	0	0	0
Other	0	0	0	0	0
Total Public Works Facilities	\$1,253,000	\$550,000	\$500,000	\$10,000,000	\$500,000
Public Works Road & Bridge					
Property Tax	\$6,385,089	\$4,147,020	\$7,166,207	\$6,429,009	\$8,225,010
Bonding	0	0	0	0	0
Federal/State	\$32,977,673	\$17,977,023	\$26,688,128	\$14,705,008	\$11,025,006
Other	\$1,745,379	\$4,283,004	\$4,625,641	\$1,133,001	\$800,001
Total Public Works Road & Bridge	\$41,108,141	\$26,407,047	\$38,479,976	\$22,267,018	\$20,050,017

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2014 – 2018**

Technology

1. Data Center Storage Area Network (SAN)
2. Enterprise Applications and Interfaces
3. IT/GIS Enterprise Geospatial Data Infrastructure
4. IT Service Desk Software

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME:

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

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

Project Description & Location

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

Attachments Prepared:

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

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

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$150,000				\$150,000	Architect/Engineer	
2015	\$200,000				\$200,000	Construction	
2016	\$150,000				\$150,000	Consulting	
2017	\$250,000				\$250,000	Furnishing/Equip	\$950,000
2018	\$200,000				\$200,000	Contingency	
TOTAL	\$950,000					Other	

Date Project Estimate Last Updated: **Total Cost \$950,000**

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME:

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

Enterprise (county-wide) land information applications are mission critical interfaces to manage and support county core operations for improved efficiency and productivity. Land record information is used by many county departments and stakeholders to conduct business operations including 9-1-1 emergency operations, public safety, planning, community and economic development, transportation, natural resource management and general operations. These internal (county) and external (public)

Project Description & Location

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

Attachments Prepared:

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

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

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014				\$200,000	\$200,000	Architect/Engineer	
2015				\$100,000	\$100,000	Construction	
2016				\$100,000	\$100,000	Consulting	\$600,000
2017				\$100,000	\$100,000	Furnishing/Equip	
2018				\$100,000	\$100,000	Contingency	
TOTAL	\$600,000					Other	

Total Cost \$600,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME:

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

Geospatial data and aerial imagery is a core element of county business operations. It is used extensively in 9-1-1 CAD Dispatch, emergency operations, public safety, planning, community and economic development, transportation, natural resource management, surveying, land records management, and general county operations. It is mission critical to maintain a yearly geospatial and aerial imagery program so that county operations can function efficiently and effectively. It provides many benefits to departments

Project Description & Location

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

Attachments Prepared:

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

Effects both levy and non-levy budget. Every effort will be made to work with strategic partners to reduce yearly costs.

Funding Source is 109003 (Non-Levy majority)

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014				\$100,000	\$100,000	Architect/Engineer	
2015				\$100,000	\$100,000	Construction	
2016				\$400,000	\$400,000	Consulting	\$800,000
2017				\$100,000	\$100,000	Furnishing/Equip	
2018				\$100,000	\$100,000	Contingency	
TOTAL	\$800,000					Other	

Total Cost \$800,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: IT Service Desk Software

Department: Information Technology

Contact: Jeremy Craker

Extension: 2333

Start Year: 2015

End Year: 2015

Project Goal: Efficient, Effective Government

Project Purpose & Justification

The purpose of this project is to procure a new Off the Shelf software package for Help Desk/Service Desk usage within the Information Technology Department. This critical software will be utilized to service the Information Technology needs of the St. Louis County departments by ensuring the IT Department is providing valuable services. This system will have many features but will require the ability to log calls, escalate tickets, provide county users with a self service portal to shop for IT services, search a knowledge-base of common solutions, and allow IT to provide reporting, and metrics including Service Level Agreements to help provide better service to the departments IT Supports, and hold IT accountable to higher standards.

Project Description & Location

The St. Louis County IT Department will undergo a Kaizen process improvement program with the service desk group to build proper processes in preparation for a new IT Service Desk application. IT will begin with a Request for Information process to collect perspective software vendors and learn about the various products available. Following the Request for Information Process, IT will invite chosen vendors to the Request for Proposals process prior to a vendor being chosen. This new software platform will be utilized by all St. Louis County departments and outside agencies IT supports.

Attachments Prepared:

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

Yearly maintenance expenses for the IT Service Desk software will be approximately 5% of the total cost of the software on an annual basis

Project Priority: Necessary

Estimated Return On Investment: 0-5 years

New Asset Life Cycle: 0-5 years

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	
2015	\$145,000				\$145,000	Construction	
2016						Consulting	\$20,000
2017						Furnishing/Equip	\$125,000
2018						Contingency	
TOTAL	\$145,000				\$145,000	Other	
						Total Cost	\$145,000

Date Project Estimate Last Updated: 11/21/2014

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2014 – 2018**

Environmental Services

1. Landfill Gas Collection & Management System - Virginia
2. Leachate Field Expansion - Virginia
3. Leachate Pond Construction - Virginia
4. Virginia Landfill Storage Building

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME:

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The Regional Landfill is the key component in the integrated waste management system for St. Louis County. The proposed project will increase the life of the landfill, provide long term economic and environmental benefits and comply with state and federal regulations.

Project Description & Location

Regional Landfill in Virginia - Installation of several infrastructure changes and upgrades to the current Municipal Solid Waste Landfill for the collection and management of the methane gas produced. These changes and upgrades include leachate recirculation lines, gas wells, piping and a gas flaring system.

Attachments Prepared:

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

The Environmental Services Department is dedicated to the efficient management of the Regional Landfill and the economic impacts and environmental concerns associated with its operation and long term care. As such, the effects on the operating budget are managed meticulously with most of the work associated with the outlined project performed by contractors.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	150,000
2015					520,000	Construction	1,220,000
2016					400,000	Consulting	100,000
2017					600,000	Furnishing/Equip	
2018						Contingency	50,000
TOTAL	1,520,000					Other	

Total Cost 1,520,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME:

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The Regional Landfill in Virginia has been operated the original 22 acre leachate sprayfield for more than 20 years. With increased leachate production resulting from ongoing landfill expansion, the construction of a new spray field is proposed for 2015.

Project Description & Location

The Regional Landfill in Virginia has an existing 22 acre leachate spray field. With expansions of the landfill over the last 20 years, additional acreage is needed to better manage increased leachate production. The Department is proposing the development of a new 40 acre land application sprayfield to accommodate increased leachate production from the landfill.

Attachments Prepared:

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

Very little effect on operating budget - operation of system will be added to existing spray system expenses. The new field will reduce the more costly and less environmentally desirable option of hauling leachate to a waste treatment facility.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	150,000
2015					1,000,000	Construction	1,025,000
2016						Consulting	75,000
2017					150,000	Furnishing/Equip	
2018					100,000	Contingency	50,000
TOTAL	1,250,000					Other	

Total Cost 1,250,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME:

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 of more than 20 years. With increased leachate production resulting from ongoing landfill expansion, the construction of a new spray field is proposed for 2015. Additionally, pre-treatment of incoming landfill leachate is crucial to the spray application process. Therefore, construction of a storage/treatment pond is necessary for long term leachate 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 storage/treatment is needed for increased leachate production from the landfill. A new batch treatment pond system is proposed with storage space up to 4.5 million gallons to accommodate increased liquid leachate produced from the landfill. The pond(s) configuration may include up to 3 separate

Attachments Prepared:

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

Very little effect on operating budget - operation of system will be added to existing system expenses. The new field will reduce possible hauling of leachate to a waste treatment facility which would be very costly.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	150,000
2015						Construction	1,100,000
2016					1,200,000	Consulting	50,000
2017					150,000	Furnishing/Equip	
2018						Contingency	50,000
TOTAL	1,350,000					Other	

Total Cost 1,350,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Virginia Landfill Storage Building

Department: Environmental Services

Contact: Mark St. Lawrence

Extension: 7639

Start Year: 2014

End Year: 2015

Project Goal: Strong County Infrastructure

Project Purpose & Justification

A cold storage building is required at the Virginia landfill for storage of equipment indoors to prevent weather damage; exposure to weather shortens the useful life of vehicles and equipment. A storage building also provides a shelter for personnel while mobilizing equipment for use.

Project Description & Location

This 40' X 80' building will be located at the landfill and will be sited to be accessible to employees for equipment storage but away from the busy areas of landfill operations. The soil composition is irregular mine waste rock which will require extra excavation to construct a solid gravel floor or slab foundation for the building. This will be a steel sided building with adequate strength to handle snow loads and wind stresses that are normally encountered in the Virginia, MN area.

Attachments Prepared:

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

Operational efficiencies will result from properly stored equipment that is available for use over a longer useful life. It will also be more efficient to have shelter available while deploying equipment for use.

Project Priority: Necessary

Estimated Return On Investment: Unknown

New Asset Life Cycle: 20-40 years

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014				\$10,000	\$10,000	Architect/Engineer	\$15,000
2015				\$140,000	\$140,000	Construction	\$135,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL				\$150,000	\$150,000	Other	
						Total Cost	\$150,000

Date Project Estimate Last Updated: November 10, 2014

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2014 – 2018**

Property Management Facilities

1. Preventive Maintenance as Required by VFA
2. Virginia Area Office Building Renovation/Replacement
3. Virginia Motor Pool - New Building & Solar Power Install
4. Rescue Squad Storage Building – Virginia
5. Rescue Squad Storage Building - Pike Lake Campus
6. A. P. Cook Building Renovation
7. Public Safety Campus - Entrance and Marble Street Improvements
8. Jail Building Automation System
9. Jail Parking Lot Reconstruction
10. Duluth Courthouse Law Library & Property Management Remodel
11. Duluth GSC Remodel
12. Hibbing Courthouse Parking Lot Replacement
13. Hibbing Courthouse Building Automation System
14. Hibbing Annex Motor Pool Carport & Solar Power Install
15. Hibbing Annex Parking Lot Replacement
16. Ely GSC Roof Replacement & Solar Power Install
17. Depot Building Systems Replacement/Repairs
18. Camp Esquagama Improvements
19. Courthouse Security Projects
20. Downtown Duluth Area Parking Lot Repairs/Upgrades

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

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

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

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

Project Description & Location

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

Attachments Prepared:

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

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

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$253,000				\$253,000	Architect/Engineer	\$345,000
2015	\$675,000				\$675,000	Construction	\$2,730,930
2016	\$1,169,031				\$1,169,031	Consulting	\$70,000
2017	\$1,955,766				\$1,955,766	Furnishing/Equip	\$1,000,000
2018	\$223,133				\$223,133	Contingency	\$130,000
TOTAL	\$4,275,930				\$4,275,930	Other	
						Total Cost	\$4,275,930

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Virginia Area Office Building Remodel/Replacement

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

Arrowhead Regional Corrections (ARC) and several private entities have moved out of, and the other large space private tenants are slated to relocate in 2015-2016 from the Northland Office Building. This has created an opportunity to move forward on the Virginia Master Space Plan for the long term design and use of the facility. The building is laid out very inefficiently with split departments and wasted space, and with no consideration for safety or security. The HVAC and mechanical infrastructure is a cobbled configuration that is long past its life cycle. The exterior of the building (with the exception of the roof) was upgraded in 2009. Space planning, architectural and engineering studies are in process to determine a cost effective building solution.

Project Description & Location

The Northland Office Building (NOB) is 74,278 sq/ft and located in downtown Virginia. This project will consider remodeling of this building or construction of a replacement building to consolidate departments' space needs and improve citizen services. The remodeled or new building will include energy efficiency measures, mechanical infrastructure & systems replacement, life safety systems upgrades, and a building automation system. A limited use "egress only" emergency generator will also be included in this project.

Attachments Prepared:

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

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

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014		\$75,000			\$75,000	Architect/Engineer	\$560,000
2015		\$70,000			\$70,000	Construction	\$7,190,000
2016		\$150,000			\$150,000	Consulting	\$145,000
2017		\$9,000,000			\$9,000,000	Furnishing/Equip	\$700,000
2018						Contingency	\$700,000
TOTAL		\$9,295,000			\$9,295,000	Other	
						Total Cost	\$9,295,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Virginia Motor Pool - Replacement Building

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

Replace existing Virginia Motor Pool building with a new structure located closer to County offices. Old building also required major maintenance/repair/renovation of building systems for continued use as motor pool.

Project Description & Location

Construct new Motor Pool building near Virginia Courthouse and office buildings. Include passive solar heating and solar electric panels and related equipment to assure energy efficiency.

Attachments Prepared:

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

Reduction of maintenance costs, reduction of energy costs, improved employee productivity/efficiency due to better location for access to vehicles, improved working conditions for motor pool staff.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014				\$995,000	\$995,000	Architect/Engineer	\$8,000
2015	\$70,000			\$15,500	\$85,500	Construction	\$1,066,500
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	\$6,000
TOTAL	\$70,000			\$1,010,500	\$1,080,500	Other	
Total Cost							\$1,080,500

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Rescue Squad North - Old Virginia Motor Pool Renovation and Repurpose

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2014

End Year: 2015

Project Goal: Strong County Infrastructure

Project Purpose & Justification

Renovate and repurpose the old Virginia Motor Pool to serve as a cold storage and operations/logistics center for the North Rescue Squad. This project was approved for matching funding during the 2014 Minnesota legislative session.

Project Description & Location

Architect and engineer designs and specifications will be completed in 2014 to provide bid specifications for Purchasing by the end of the year. Structural repairs to load-bearing steel columns will also be completed in 2014. Renovation construction activities will occur in 2015.

Attachments Prepared:

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

Renovation will allow an existing structure to be reused for an important Sheriff volunteer group. This will also provide a secure shelter for storage of emergency operations equipment, eliminating the increased wear and tear on vehicles and equipment and enhancing the efficiency and readiness of the equipment for deployment.

Project Priority: Necessary

Estimated Return On Investment: 5-10 years

New Asset Life Cycle: 20-40 years

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014			\$85,000		\$85,000	Architect/Engineer	\$80,000
2015			\$615,000	\$700,000	\$1,315,000	Construction	\$1,230,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	\$90,000
TOTAL			\$700,000	\$700,000	\$1,400,000	Other	
						Total Cost	\$1,400,000

Date Project Estimate Last Updated: October 28, 2014

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Rescue Squad Storage Building - Pike Lake Campus

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2016

End Year: 2016

Project Goal: Strong County Infrastructure

Project Purpose & Justification

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

Project Description & Location

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

Attachments Prepared:

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

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

Project Priority: Necessary

Estimated Return On Investment: 5-10 years

New Asset Life Cycle: 20-40 years

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	\$40,000
2015						Construction	\$300,000
2016				\$375,000	\$375,000	Consulting	
2017						Furnishing/Equip	
2018						Contingency	\$35,000
TOTAL				\$375,000	\$375,000	Other	
						Total Cost	\$375,000

Date Project Estimate Last Updated: October 28, 2014

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: A. P. Cook Building Renovation

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The A. P. Cook building was formerly the laundry facility for the Chris Jensen Nursing Home. The County evaluated the structure and found that it could be repurposed to serve as office facilities for the County if the investment was made to renovate the facility. Renovation of the facility and surroundings was partially funded by the sale of the nursing home. Approximately two-thirds of the space has been upgraded and currently houses County Safety & Risk Management and Extension personnel.

Project Description & Location

Renovation work has included new office construction and energy efficient HVAC and lighting systems. A new roof, wall repairs and energy-efficient windows will be installed. Exterior siding, an entry vestibule, parking, exterior signs and landscaping are also part of the next phases. Interior renovation will be completed when the laundry operations are discontinued in 2015.

Attachments Prepared:

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

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

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$1,103,700				\$1,103,700	Architect/Engineer	\$110,000
2015				\$500,000	\$500,000	Construction	\$1,623,700
2016	\$300,000				\$300,000	Consulting	\$10,000
2017						Furnishing/Equip	
2018						Contingency	\$160,000
TOTAL	\$1,403,700			\$500,000	\$1,903,700	Other	
						Total Cost	\$1,903,700

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Public Safety Campus - Entrance and Marble Street Improvements

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The sale of Chris Jensen Nursing Home and renovation of the A. P. Cook Building created the need for new signs at the entrances to the Public Safety Campus and new landscaping, parking and lighting along Marble Street. Part of the proceeds from the sale of the nursing home were dedicated by Board Resolution to improve the infrastructure on the Campus.

Project Description & Location

This project will provide new monument signs at the entrances, landscaping at the entrances and along Marble Street and new street lighting to enhance the accessibility, safety and environment for visitors, employees and nursing home occupants.

Attachments Prepared:

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

Operating costs for street lighting will be paid by the City of Duluth after this project is completed. Signs and lighting will improve accessibility for employees and visitors.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	\$30,000
2015				\$300,000	\$300,000	Construction	\$250,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	\$20,000
TOTAL				\$300,000	\$300,000	Other	
						Total Cost	\$300,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Jail Building Automation System

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

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

Project Description & Location

The jail building automation system has reached the end of its useful life and will be replaced in two phases in 2015 and 2016. The Uhl system which was selected through a formal RFP process with Purchasing will be installed as part of Property Management's building performance standardization initiative.

Attachments Prepared:

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

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

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	
2015	\$200,000				\$200,000	Construction	
2016	\$250,000				\$250,000	Consulting	\$400,000
2017						Furnishing/Equip	
2018						Contingency	\$50,000
TOTAL	\$450,000				\$450,000	Other	
						Total Cost	\$450,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Jail Parking Lot Reconstruction

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2015

End Year: 2015

Project Goal: Strong County Infrastructure

Project Purpose & Justification

After several years of repairs and sealcoating, the jail parking lot has reached the end of its life cycle where the surface needs to be refurbished.

Project Description & Location

The jail on Haines Road in Duluth has a large, high-use parking area adjacent to the facility. An engineering assessment will be carried out in early 2015 and the surface will be refurbished in Summer 2015 based upon the bid specifications developed by the engineer.

Attachments Prepared:

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

This action will return this parking lot to the start of the life cycle. Safety, maintenance efficiency and asset integrity will be enhanced by this project.

Project Priority: Necessary

Estimated Return On Investment: Unknown

New Asset Life Cycle: 5-10 years

Priority Rationale: End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	\$25,000
2015	\$175,000				\$175,000	Construction	\$150,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL	\$175,000				\$175,000	Other	
						Total Cost	\$175,000

Date Project Estimate Last Updated: October 31, 2014

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Duluth Courthouse Law Library and Property Management Remodel

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2014

End Year: 2014

Project Goal: Efficient, Effective Government

Project Purpose & Justification

This project will move the Law Library from the 5th floor of the Duluth Courthouse to the Ground Floor into space occupied by Property Management. Property Management offices will then be relocated to the 5th floor space where the Law Library was located. This will enhance the accessibility of the Law Library to the Public and also enhance the security for the County Attorney's offices on the 5th floor.

Project Description & Location

These projects will require remodeling of the 5th floor and ground floor of the Duluth Courthouse. Architectural designs will be prepared in consultation with the Law Library Board and bid specifications for the remodeling will be prepared and executed in 2014.

Attachments Prepared:

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

Public accessibility to the Law Library and 5th floor courthouse security will both be enhanced by this project. Energy efficient lighting will be installed in both areas.

Project Priority: Necessary

Estimated Return On Investment: Unknown

New Asset Life Cycle: Not Applicable

Priority Rationale: Accessibility

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014				\$300,000	\$300,000	Architect/Engineer	\$25,000
2015						Construction	\$275,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL				\$300,000	\$300,000	Other	
						Total Cost	\$300,000

Date Project Estimate Last Updated: October 28, 2014

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Government Service Center Remodel & Infrastructure Renewal

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The St. Louis County master space plan draft for the Duluth area offices has been in place since 1995 with the GSC being the primary site for consolidation of county-provided services. The building is structurally in excellent condition, but the mechanical, electrical, and HVAC infrastructure is in very poor condition. Additionally, the layout and configuration of the office space is very inefficient, as the building formerly housed several tenants from different governmental agencies. The time has arrived for the County to commence the final leg of the master space plan for downtown Duluth, with the consolidation of most county services in one location and the renewal of this county asset's infrastructure.

Project Description & Location

This project, located in downtown Duluth, will provide a complete facility remodel and infrastructure renewal. The 1st floor of this facility was remodeled in 2011 to create a central client intake center for Public Health and Human Services. This project will build on that model of service delivery allowing the county to consolidate services and service locations within the building making it more efficient for citizens, more secure for the public and staff, and minimizing wear and tear over the long-term. While all staff offices in this building (except the 1st floor and a couple of other spaces throughout the building) will be remodeled, but the largest portion of this project is an infrastructure renewal that will commence a new life cycle for the building.

Attachments Prepared:

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

This project will commence a new life cycle for this facility and will reduce the FCI index from 0.2 (poor) to at least 0.05 (excellent). We estimate that the changes and new systems in this facility will reduce energy consumption by at least, minimally, 40% and by as much as 60% annually. Centrally located and consolidated government services within the facility will make it easier for citizens to find and utilize the services offered while reducing wear and tear on the facility - especially the elevators. An open and flexibly designed floor plan and office spaces will minimize the cost of staff moves throughout the facility. The elimination of outside leases for county office space in downtown Duluth will reduce the levy impact of providing county services significantly.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014		\$9,600,000			\$9,600,000	Architect/Engineer	\$585,000
2015		\$8,000,000			\$8,000,000	Construction	13845841
2016						Consulting	\$250,000
2017						Furnishing/Equip	\$1,342,100
2018						Contingency	\$1,371,458
TOTAL		17600000			17600000	Other	\$205,601
						Total Cost	17600000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Hibbing Courthouse Parking Lot Replacement

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2013

End Year: 2014

Project Goal: Strong County Infrastructure

Project Purpose & Justification

Parking lot surface reached the end of its life cycle and needed to be refurbished.

Project Description & Location

Bid specifications were prepared in 2013 and bids solicited in early 2014. Reconstruction of the parking lot was scheduled for Summer 2014.

Attachments Prepared:

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

New surface allows more efficient maintenance (snow removal, etc.) and improves access and safety for the Public and County employees.

Project Priority: Necessary

Estimated Return On Investment: Unknown

New Asset Life Cycle: 5-10 years

Priority Rationale: Asset Integrity

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$182,000				\$182,000	Architect/Engineer	
2015						Construction	\$182,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL	\$182,000				\$182,000	Other	
						Total Cost	\$182,000

Date Project Estimate Last Updated: October 21, 2014

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Hibbing Courthouse Building Automation System

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

Start Year: 2014 End Year: 2015 Project Goal: Strong County Infrastructure

Project Purpose & Justification

Property Management is replacing building control systems with a standard system to enhance energy efficiency and assure building system performance for the comfort and well-being of the Public and employees. As current systems reach the end of their useful life or when significant remodeling of a facility is undertaken, replacement of building automation systems are considered.

Project Description & Location

Replacement of building controls in the Hibbing Courthouse with the standardized Uhl building automation system.

Attachments Prepared:

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

Allows shared knowledge among Property Management staff to drive building systems performance to optimum levels. Standard system promotes use of common replacement parts and availability of common report formats.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$165,000				\$165,000	Architect/Engineer	
2015	\$200,000				\$200,000	Construction	
2016						Consulting	\$330,000
2017						Furnishing/Equip	
2018						Contingency	\$35,000
TOTAL	\$365,000				\$365,000	Other	
						Total Cost	\$365,000

Date Project Estimate Last Updated: October 28, 2014

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Hibbing Annex Motor Pool Carport and Solar Power Install

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2013

End Year: 2015

Project Goal: Strong County Infrastructure

Project Purpose & Justification

The Hibbing Annex requires a motor pool carport to house fleet vehicles used by County staff. The carport will provide shelter from the elements for the vehicles and avoid undue time involved with winter snow removal and failed batteries. Solar power is an additional feature that will provide renewable, low-cost power for the facility.

Project Description & Location

The carport will be located on Hibbing Annex property in close proximity to County offices.

Attachments Prepared:

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

The carport will shelter vehicles from extreme weather and allow efficient operations for staff requiring vehicles for client meetings and regular job responsibilities. Solar power will provide renewable energy for operation of the facility,

Project Priority: Necessary

Estimated Return On Investment: Unknown

New Asset Life Cycle: 20-40 years

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$230,000				\$230,000	Architect/Engineer	\$30,000
2015	\$70,000				\$70,000	Construction	\$250,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	\$20,000
TOTAL	\$300,000				\$300,000	Other	
						Total Cost	\$300,000

Date Project Estimate Last Updated: October 21, 2014

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Hibbing Annex Parking Lot Replacement

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The Hibbing Annex parking lot has reached the end of its useful life and requires reconstruction to assure its long-term utility.

Project Description & Location

An engineering assessment will be completed in 2014. Bid specifications will be prepared for solicitation of bids early in 2015. Construction will take place in Spring/Summer 2015.

Attachments Prepared:

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

Avoids obstacles to efficient maintenance, improves employee and public accessibility and improves safety by creating a uniform surface.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$25,000				\$25,000	Architect/Engineer	\$25,000
2015	\$150,000				\$150,000	Construction	\$150,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL	\$175,000				\$175,000	Other	

Date Project Estimate Last Updated:

Total Cost \$175,000

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Ely GSC Roof Replacement and Solar Power Install

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

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

Project Description & Location

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

Attachments Prepared:

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

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

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	\$20,000
2015	\$200,000				\$200,000	Construction	\$160,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	\$20,000
TOTAL	\$200,000				\$200,000	Other	
						Total Cost	\$200,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Depot Building Systems Replacement/Repairs

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2014

End Year: 2015

Project Goal: Strong County Infrastructure

Project Purpose & Justification

Building improvements are a part of the agreement between Oneida Realty and St. Louis County for operation of the Depot facility. Under certain conditions dealing with building codes, life safety issues and similar situations, the County may need to fund building improvements as the owners of the facility. In these cases, the agreement requires pre-approval by the County before any work can be initiated and subsequently reimbursed to the operations manager under the agreement or paid directly to the vendor for the improvements.

Project Description & Location

Repairs or replacements of building systems can be brought forward under the agreement. In 2014, several items have been brought forward that met the requirements for County funding. There is one additional item related to life safety and building codes which may need to be addressed in 2015. Pending an detailed estimate of the cost of compliance, a project is included in this CIP with a preliminary cost estimate.

Attachments Prepared:

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

Compliance with life safety and building code situations is necessary. Safety for visitors and employees make projects of this type high priority for action. No efficiencies are likely to be realized from this project.

Project Priority: Potentially Critical

Estimated Return On Investment: Unknown

New Asset Life Cycle: Not Applicable

Priority Rationale: Mandate/Code/Statutory

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$56,500				\$56,500	Architect/Engineer	\$35,000
2015	\$150,000				\$150,000	Construction	\$171,500
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL	\$206,500				\$206,500	Other	
						Total Cost	\$206,500

Date Project Estimate Last Updated: November 10, 2014

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Camp Esquagama Capital Improvements

Department: Property Management Contact: Tony Mancuso Extension: 5085

Start Year: 2013 End Year: 2014 Project Goal: Strong County Infrastructure

Project Purpose & Justification

The County's management agreement for Camp Esquagama with the Arrowhead Center provided for funding for capital improvements in 2013 and 2014 for the various buildings and infrastructure systems at the camp. This project is the 2014 portion of those improvements.

Project Description & Location

Camp Esquagama is near Virginia, MN. Capital improvements include renovation of the main lodge and kitchen facilities, new roof and insulation for the main lodge, construction of new cabins, building code compliance, wastewater and plumbing upgrades and HVAC system improvements among the major items.

Attachments Prepared:

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

Energy efficiency will be improved and asset integrity will be enhanced as a result of these improvements.

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

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$610,638				\$610,638	Architect/Engineer	
2015						Construction	\$610,638
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL	\$610,638				\$610,638	Other	
						Total Cost	\$610,638

Date Project Estimate Last Updated: November 10, 2014

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Courthouse Security Projects

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

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

Project Description & Location

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

Attachments Prepared:

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

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

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$41,000			\$37,000	\$78,000	Architect/Engineer	\$50,000
2015	\$35,000			\$35,000	\$70,000	Construction	\$410,000
2016	\$140,000			\$140,000	\$280,000	Consulting	
2017	\$45,000			\$45,000	\$90,000	Furnishing/Equip	\$18,000
2018						Contingency	\$40,000
TOTAL	\$261,000			\$257,000	\$518,000	Other	
						Total Cost	\$518,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Downtown Duluth Area Parking Lot Repairs/Upgrades

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

The GSC lot is comprised of over 1/2 city block and is in need of retaining wall replacement, sub-surface preparation, and bituminous replacement. The lower 1/2 was completed in 2011, additionally, this project will include the upper side of the alley and the area behind the motor pool building. There is presently no storm water retention, but this project will meet this MPCA mandate. The resulting layout and use of space is inefficient and contains much "wasted" space. Lot security will be improved - pedestrian safety will be improved.

Project Description & Location

The small lot directly behind the motor pool building will be renovated. The GSC flat surface lot is located on the upper side of Second Street across from the GSC. All of the bituminous driving/parking surfaces, concrete curbs & gutters, and retaining walls are in very poor condition, or non existent and require replacement and/or installation. The lower GSC parking area was completed in 2011, so this will be the final project phase. This project will incorporate storm water control, curbs, gutters, retaining walls, solar powered lighting, and meet all of the MPCA storm water control regulations.

Attachments Prepared:

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

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

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	
2015						Construction	\$500,000
2016				\$550,000	\$550,000	Consulting	\$50,000
2017						Furnishing/Equip	
2018						Contingency	
TOTAL				\$550,000	\$550,000	Other	
						Total Cost	\$550,000

Date Project Estimate Last Updated:

**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2014 – 2018**

Public Works Facilities

1. Preventive Maintenance as Required by VFA
2. Virginia Heated Wash Bay
3. Virginia Salt/Sand Storage Building
4. Virginia Parking Lot Reconfiguration
5. District 4 New Facility

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: Preventive Maintenance dictated by the Building Asset Management software

Department: Public Works Contact: Jim Foldesi Extension: 3840

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

Project Purpose & Justification

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

Project Description & Location

VFA.Facilities Software will help us assess our building assets for maintenance and repair needs in the Public Works Department

Attachments Prepared:

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

Will decrease costs of emergency repairs by getting Public Works buildings and facilities on a preventative maintenance schedule.

Project Priority: Necessary Estimated Return On Investment: 0-5 years New Asset Life Cycle: 10-20 years

Priority Rationale: Asset Integrity

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	
2015						Construction	\$1,000,000
2016	\$500,000				\$500,000	Consulting	
2017						Furnishing/Equip	
2018	\$500,000				\$500,000	Contingency	
TOTAL	\$1,000,000					Other	
						Total Cost	\$1,000,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME:

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

Construct Wash bay to facilitate easier maintenance of our equipment, which will extend equipment life.

Project Description & Location

Construct a 30' X 120' One level structure next to the existing Virginia Maintenance building to be used as a heated wash bay.

Attachments Prepared:

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

The automatic wash bay will reduce the time it takes to perform cleaning of equipment allowing for more time in the field and better longevity of our equipment

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	
2015	\$550,000					Construction	\$550,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL						Other	
						Total Cost	\$550,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME:

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

Replace the Salt-Sand Dome building that caved in under heavy snows last winter. The current building is unusable and Virginia Public Works is currently without a way to store salt and sand.

Project Description & Location

Tear down old wooden building and replace with new fabric style building for Salt Sand Storage at Virginia Public Works Campus.

Attachments Prepared:

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

The new building will have a longer life cycle and require no maintenance. This will free up Public Works crews.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$537,000				\$537,000	Architect/Engineer	
2015						Construction	\$537,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL						Other	

Total Cost \$537,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME:

Department: Contact: Extension:

Start Year: End Year: Project Goal:

Project Purpose & Justification

Add parking spaces, sidewalks, and entrances to meet codes, and ADA retirements for the new Training Center constructed in the old 911 area. The Training center will serve as the main SLC North Training hub, reducing rent costs associated with SLC's current training program.

Project Description & Location

Design and construction of parking lot, sidewalks, entrance ramps, railings, landscaping, sinage and lighting for the Virginia Public Works Campus.

Attachments Prepared:

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

Will allow for utilization of newly remodeled SLC North Training Center, reducing rent costs, and allowing for 24-7 accessibility.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014	\$716,000				\$716,000	Architect/Engineer	
2015						Construction	\$716,000
2016						Consulting	
2017						Furnishing/Equip	
2018						Contingency	
TOTAL	\$716,000					Other	

Total Cost \$716,000

Date Project Estimate Last Updated:

Form 12

ST. LOUIS COUNTY 2014 - 2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: 4th District Maintenance Facility recommendation

Department: Public Works Contact: Jim Foldesi Extension: 3840

Start Year: 2017 End Year: 2018 Project Goal: Strong County Infrastructure

Project Purpose & Justification

Construction recommendation as directed by 4th District Maintenance Study.

Project Description & Location

Replace or remodel maintenance buildings in the district 4 area.

Attachments Prepared: District map showing facility locations

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

The district 4 facilities are currently under study by a 3rd party for recommendations on a future plan. the district 4 buildings are some of the oldest Public Works buildings in the County and are in need of substantial upgrades. A new facility would be more efficient operationally, energy efficient, and meet all building codes.

Project Priority: Necessary Estimated Return On Investment: 10-20 years New Asset Life Cycle: 50 years

Priority Rationale: End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2014						Architect/Engineer	700,000
2015						Construction	9,200,000
2016						Consulting	100,000
2017		10,000,000			10,000,000	Furnishing/Equip	
2018						Contingency	
TOTAL						Other	
						Total Cost	10,000,000

Date Project Estimate Last Updated:

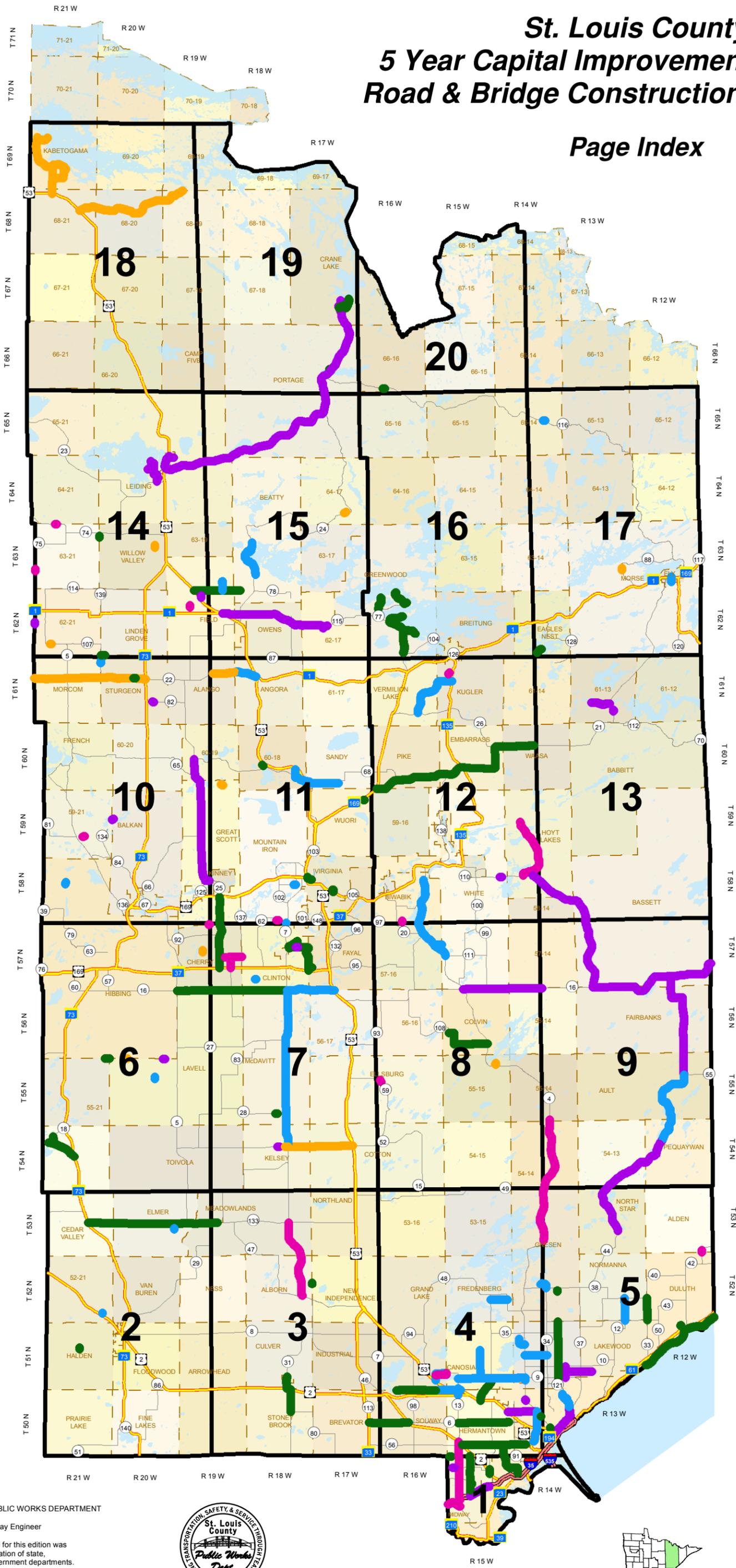
**Project Forms - St. Louis County Capital Improvement Program
for
Fiscal Years 2014 – 2018**

**Public Works
Road & Bridge Projects**

1. Five Year CIP Road & Bridge Construction Maps (overview)
2. Five Year CIP Road & Bridge Construction Maps (detail)
3. Construction Program 2014
4. Construction Program 2015
5. Construction Program 2016
6. Construction Program 2017
7. Construction Program 2018

St. Louis County 5 Year Capital Improvement Plan (CIP) Road & Bridge Construction 2014 - 2018

Page Index



Map Components

5 Year CIP

- █ 2014
- █ 2015
- █ 2016
- █ 2017
- █ 2018

- █ Interstate Highway
- █ U.S./State Highway

- 1 Page Number
- Township

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.

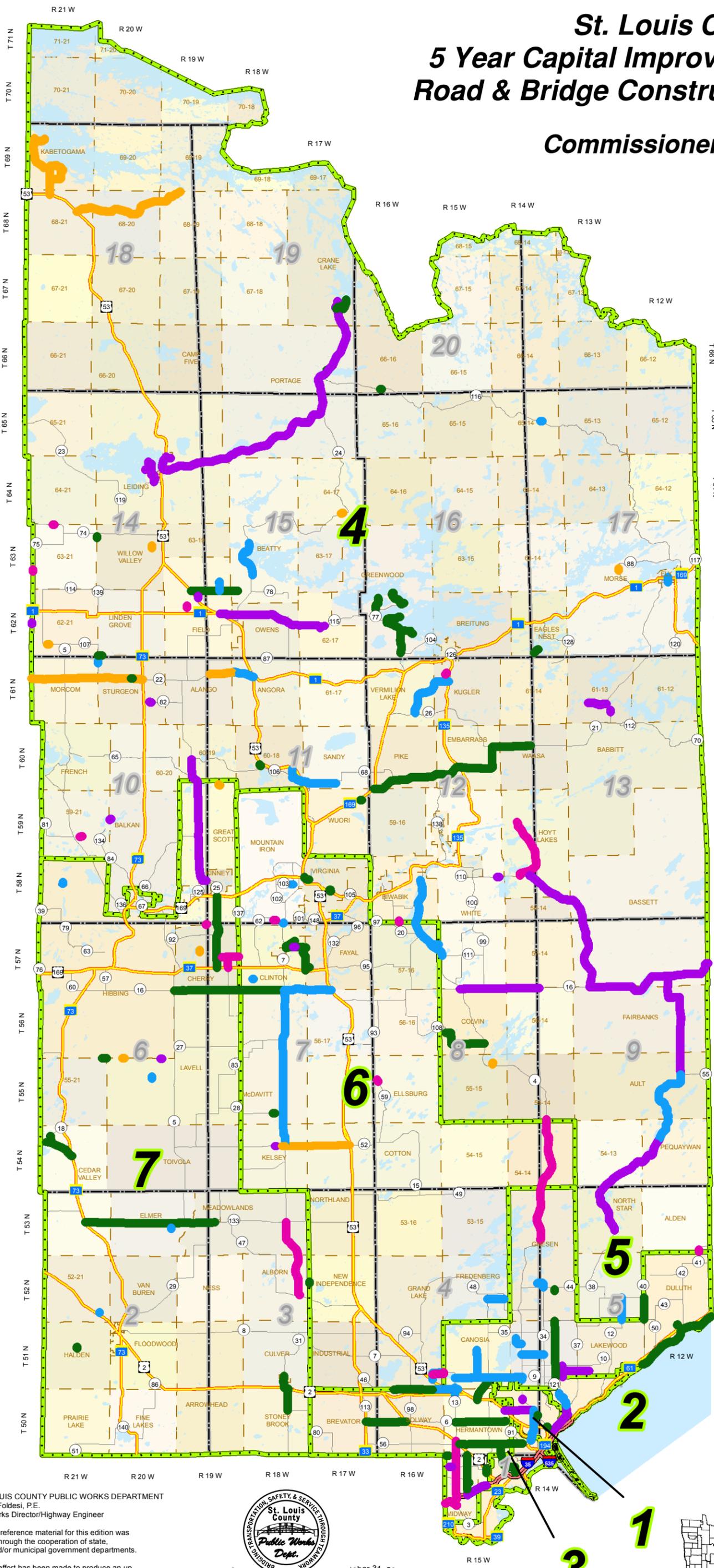
A sincere effort has been made to produce an up to date map. However, with the various sources we have to rely on, no guarantee can be made.

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 2014 - 2018

Commissioner Districts



1st District

Commissioner Frank Jewell
100 N. 5th Avenue West Rm. #208
Duluth, MN 55802
(218) 726-2458

2nd District

Commissioner Patrick Boyle
100 N. 5th Avenue West Rm. #208
Duluth, MN 55802
(218) 726-2359

3rd District

Commissioner Chris Dahlberg
100 N. 5th Avenue West Rm. #208
Duluth, MN 55802
(218) 726-2562

4th District

4

Commissioner Mike Forsman
Government Services Center
118 S. 4th Avenue East
Ely, MN 55731
(218) 365-8200

5th District

Commissioner Pete Stauber
Vice Chair
100 N. 5th Avenue West Rm. #208
Duluth, MN 55802
(218) 726-2450

6th District

Commissioner Keith Nelson
Board Chair
Virginia Courthouse
300 S. 5th Avenue
Virginia, MN 55792
(218) 749-7108

7th District

Commissioner Steve Raukar
Hibbing Courthouse
1810 12th Avenue East
Hibbing, MN 55746
(218) 262-0201

Map Components

5 Year CIP

- █ 2014
- █ 2015
- █ 2016
- █ 2017
- █ 2018

Interstate Highway

U.S./State Highway

Commissioner District

Page Number

Township



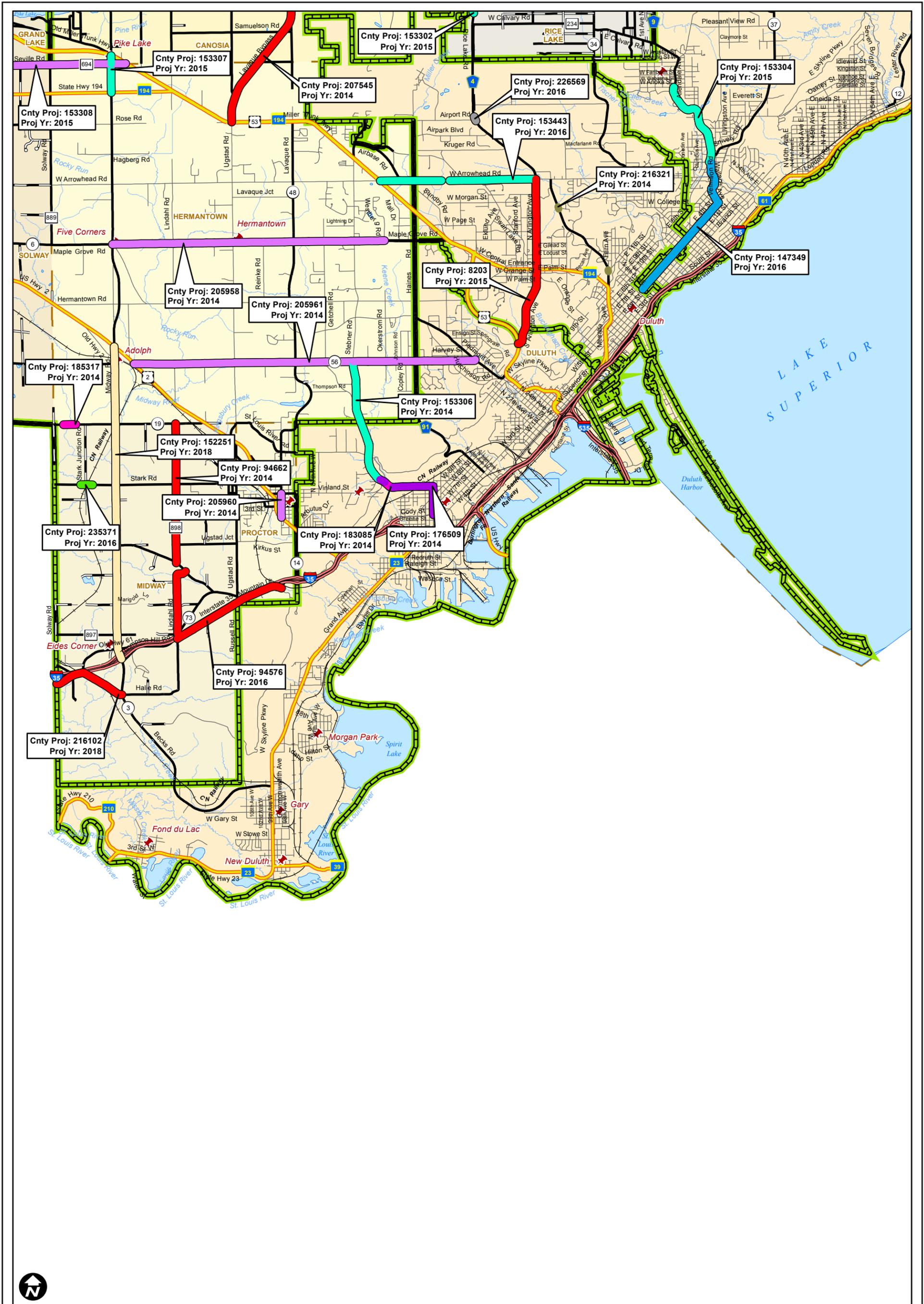
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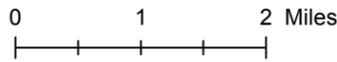
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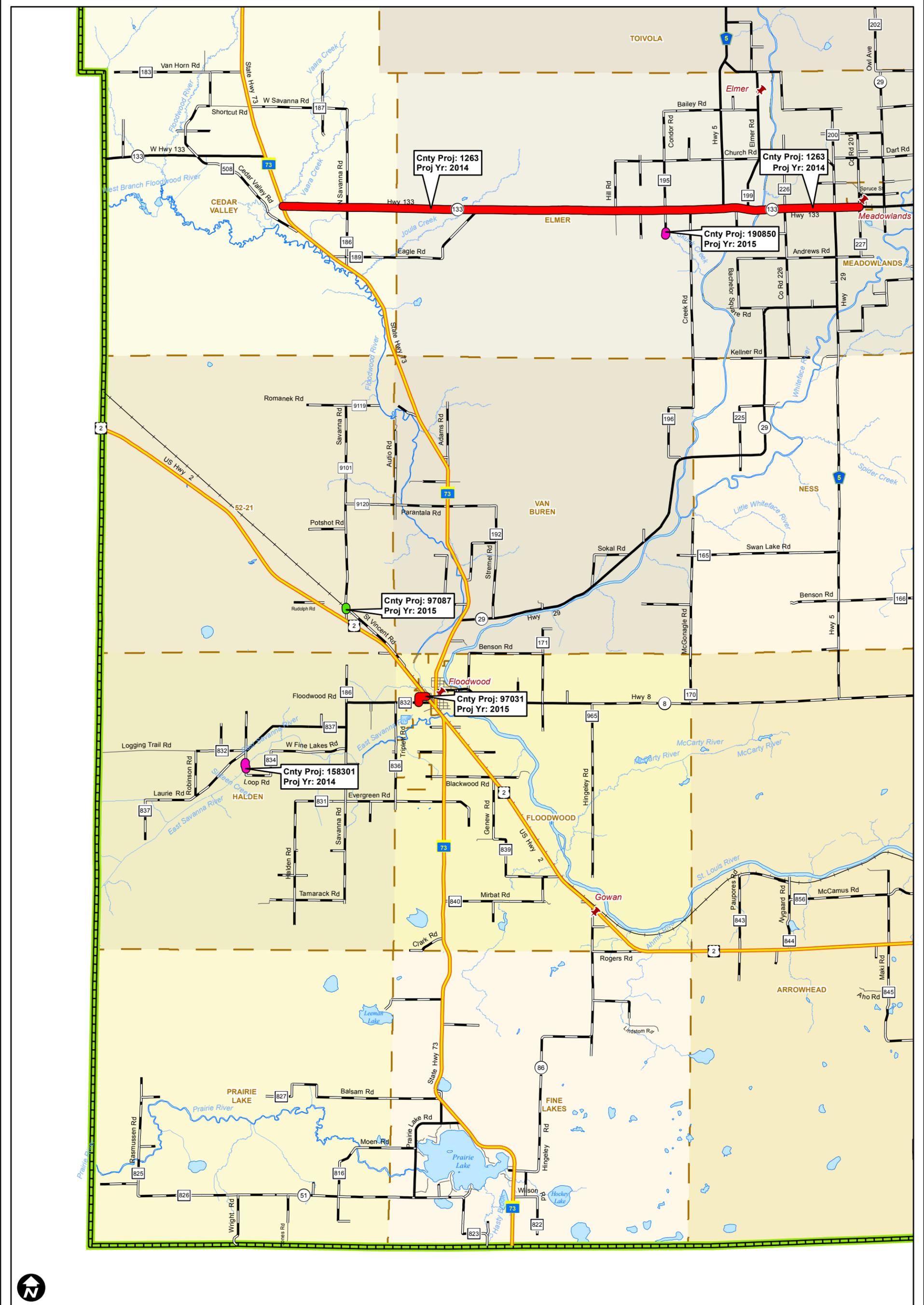




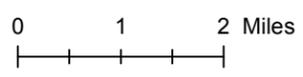
St. Louis County 5 Year CIP: Road & Bridge Construction



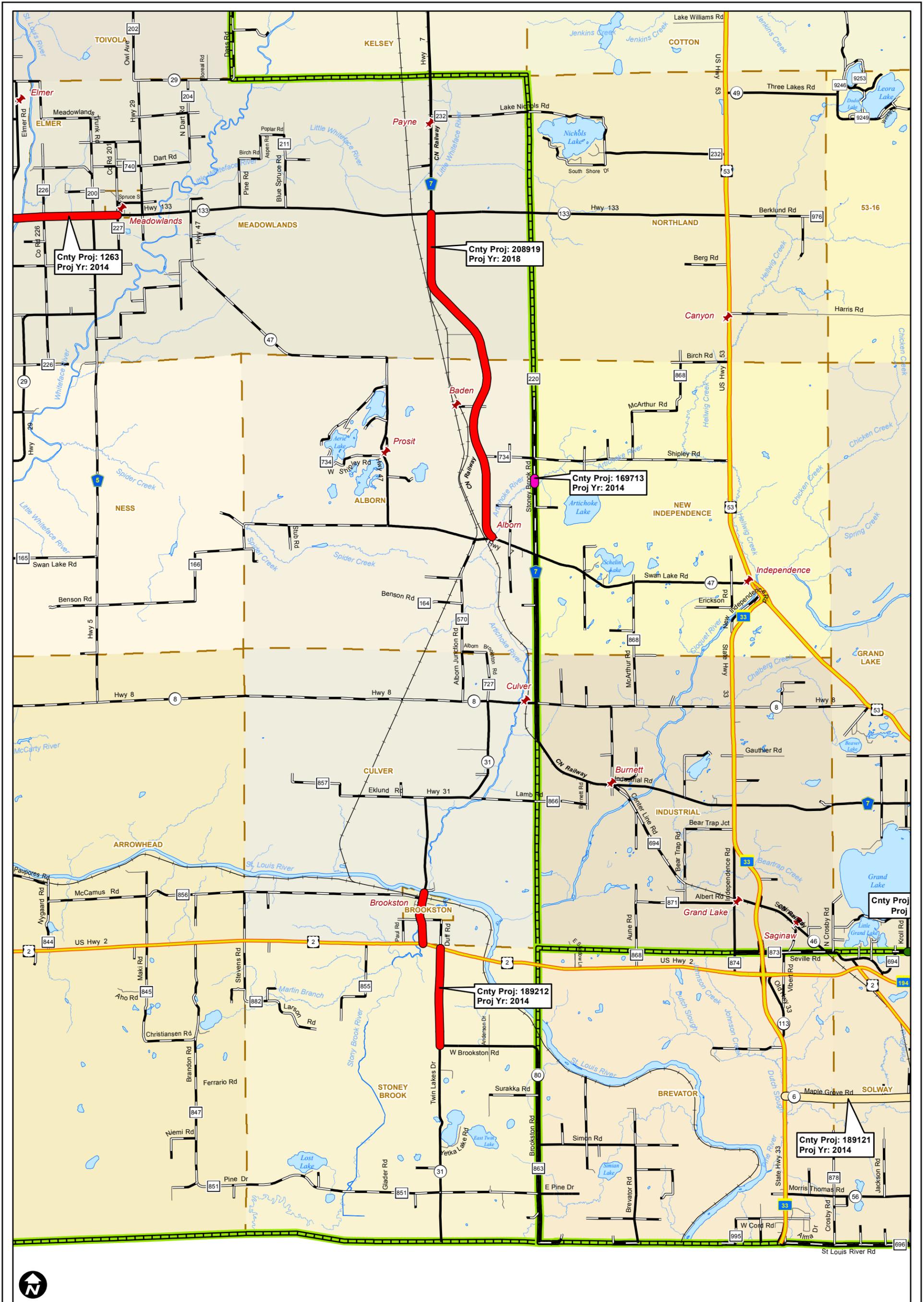
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2" Overlay	Ped Warning Signs	U.S./State Highway	Township
Bituminous Overlay	RR Xing Improvement	County Road - Paved	Lake
Bridge Construction	Reclaim	County Road - Gravel	River/Stream
Bridge Removal	Reclaim & Overlay	Local Road	
Chip Seal	Reclaim/Stabilization	Railroad	
Complete Rebuild	Reclamation	City/Town	
Culvert Replacement	Reconstruction		
GRIP	Traffic Signals		
Micro Surface			



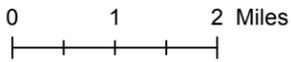
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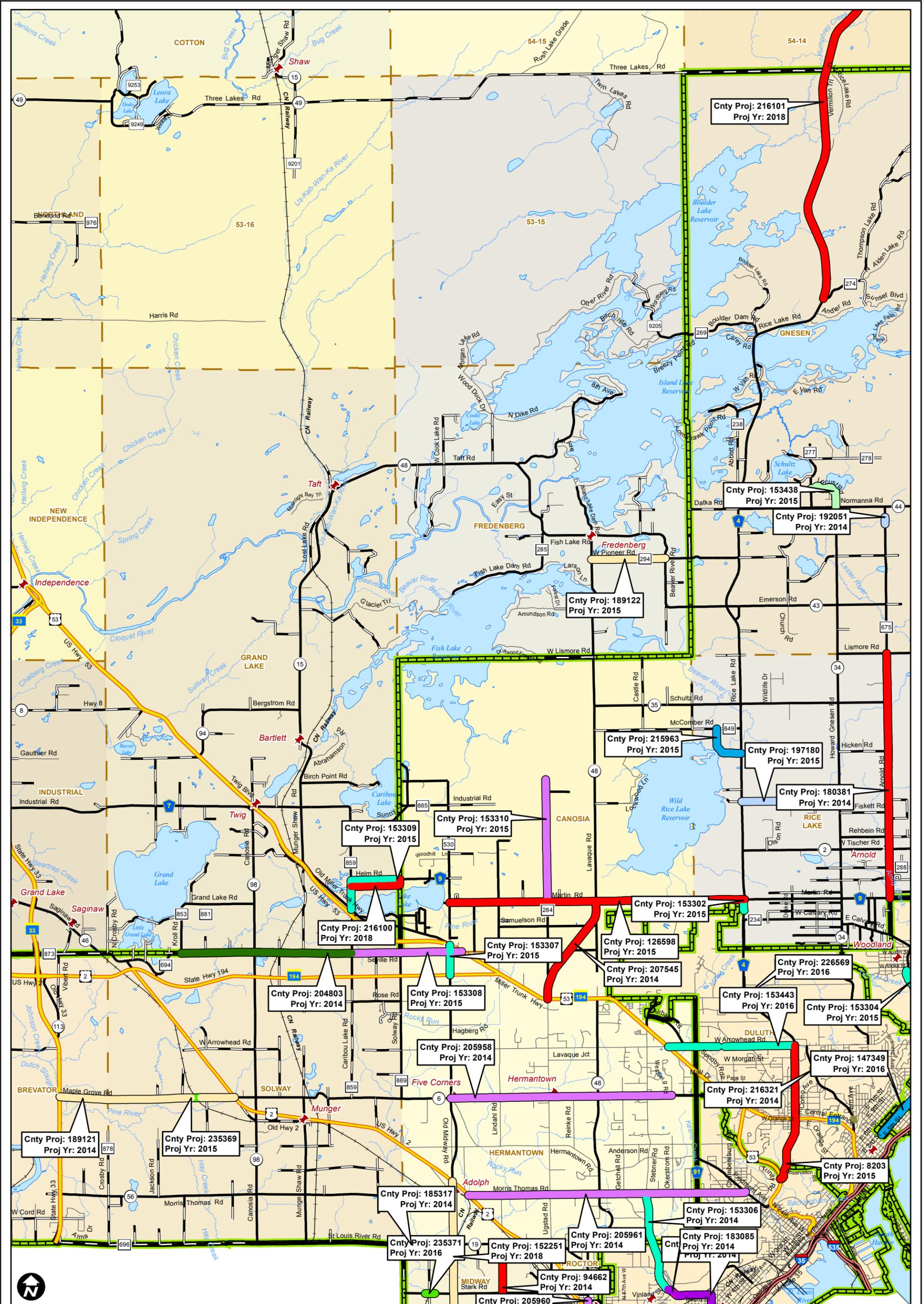
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Complete Rebuild	Reclamation		
Culvert Replacement	Reconstruction		
GRIP	Traffic Signals		
Micro Surface			



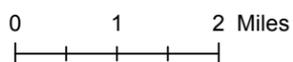
St. Louis County 5 Year CIP: Road & Bridge Construction



Map Components	
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2" Overlay	Ped Warning Signs
Bituminous Overlay	RR Xing Improvement
Bridge Construction	Reclaim
Bridge Removal	Reclaim & Overlay
Chip Seal	Reclaim/Stabilization
Complete Rebuild	Reclamation
Culvert Replacement	Reconstruction
GRIP	Traffic Signals
Micro Surface	Interstate Highway
	U.S./State Highway
	County Road - Paved
	County Road - Gravel
	Local Road
	Railroad
	City/Town
	Commissioner District
	Township
	Lake
	River/Stream

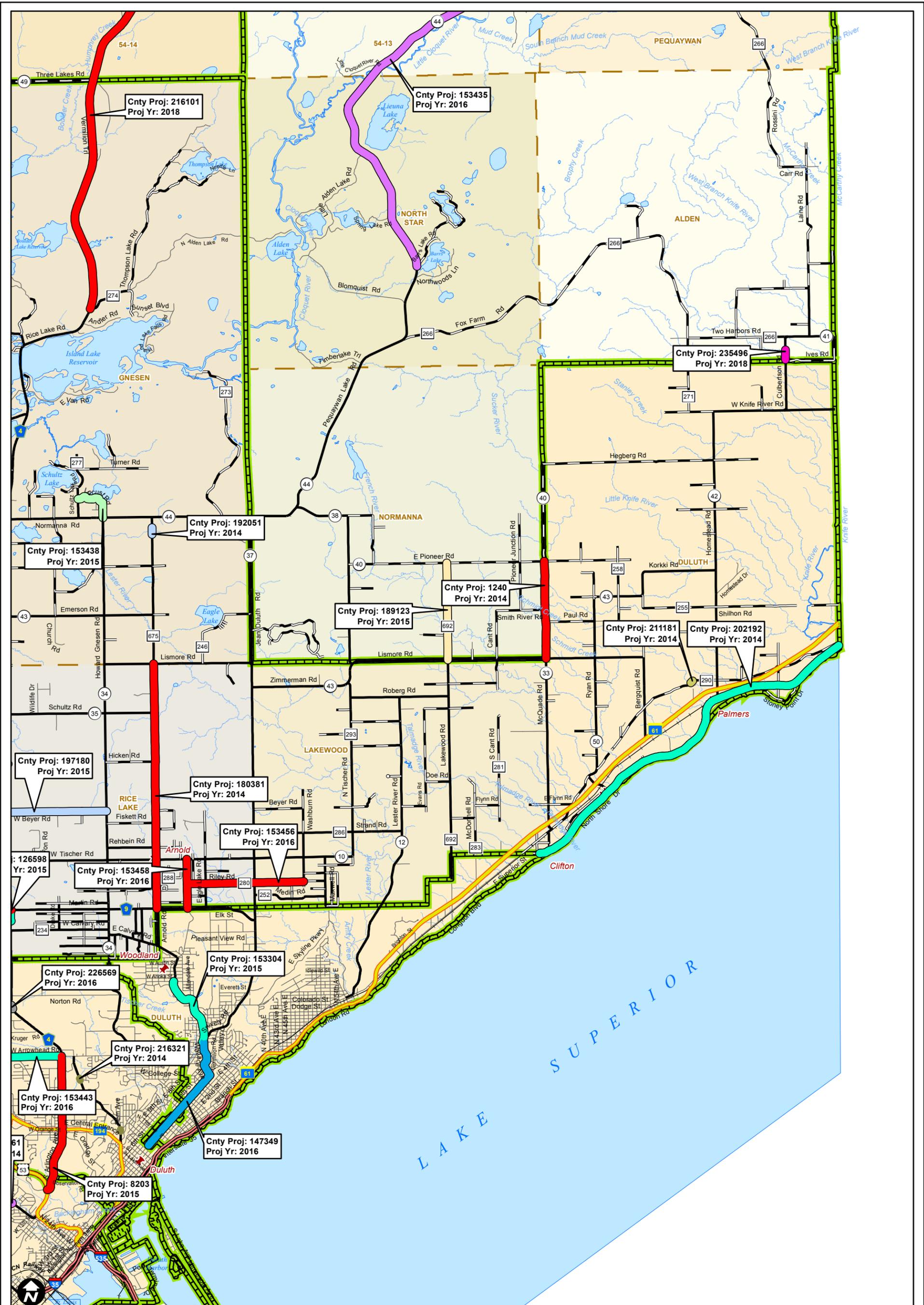


St. Louis County 5 Year CIP: Road & Bridge Construction

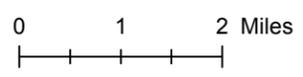


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Culvert Replacement	Reconstruction		
GRIP	Traffic Signals		
Micro Surface			

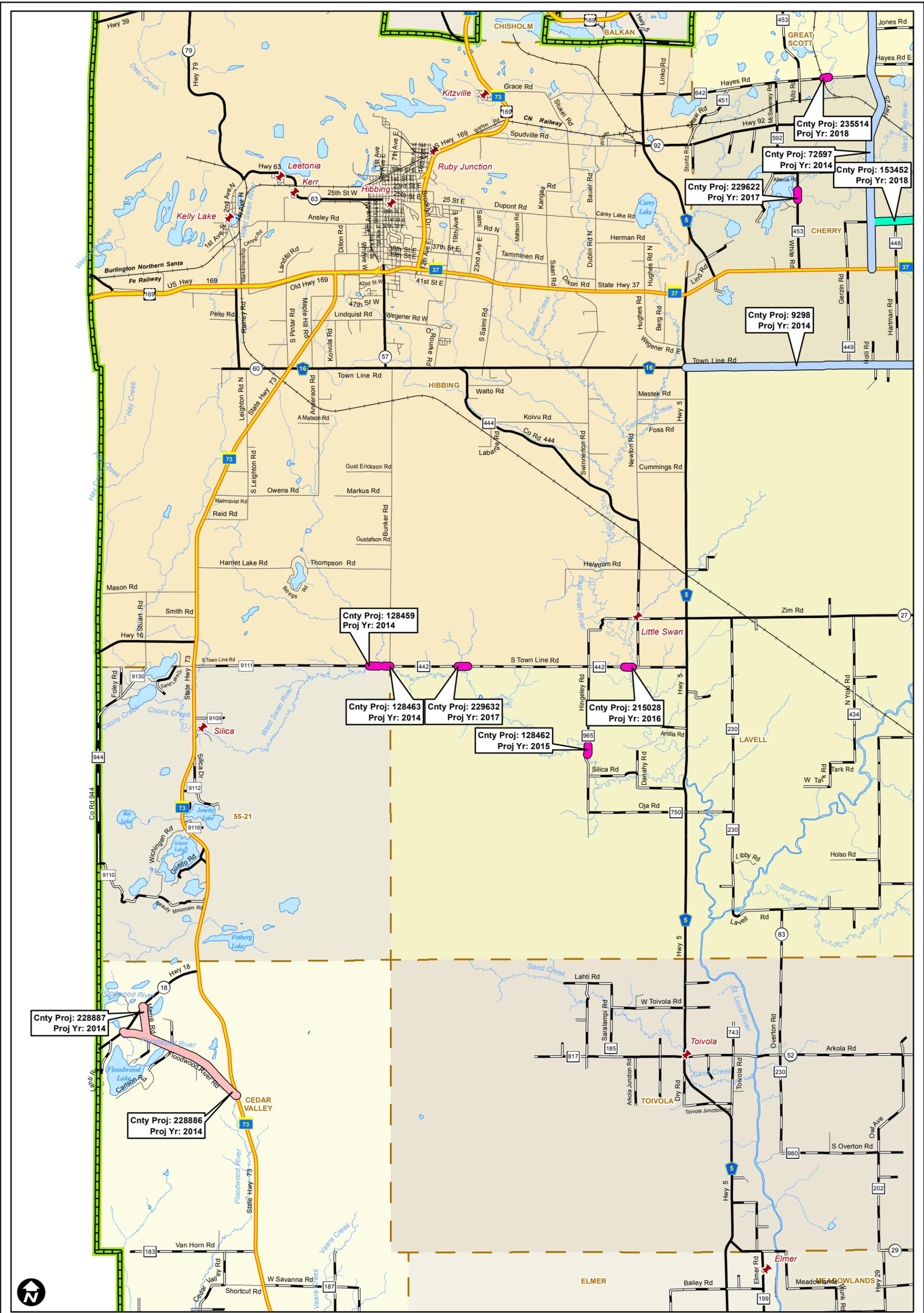




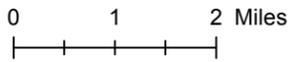
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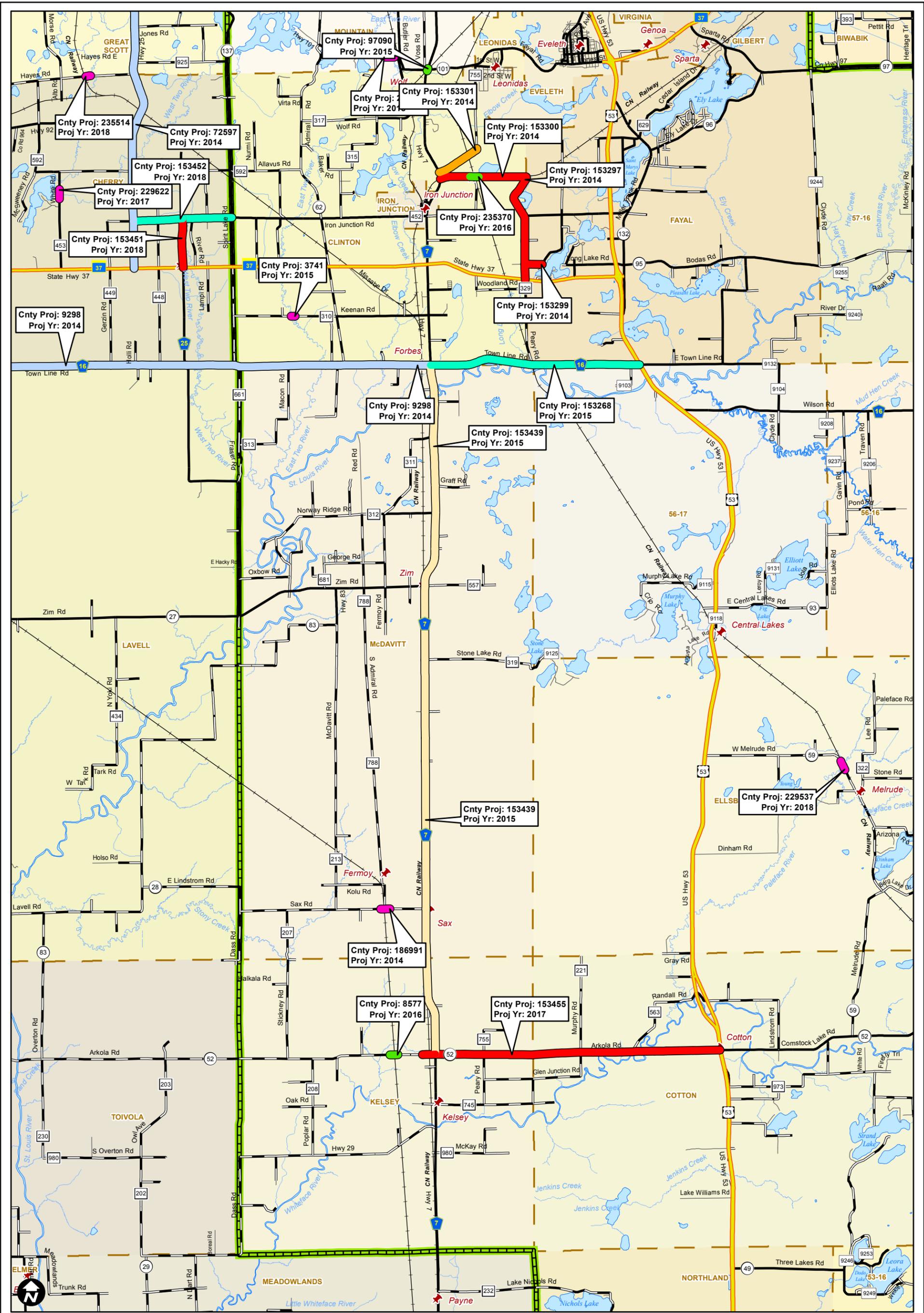
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Chip Seal	Railroad
Complete Rebuild	Reclaim & Overlay
Culvert Replacement	Reclaim/Stabilization
GRIP	Reclamation
Micro Surface	Reconstruction
	Traffic Signals
	Ped Warning Signs
	RR Xing Improvement
	Commissioner District
	Township
	Lake
	River/Stream
	City/Town



St. Louis County 5 Year CIP: Road & Bridge Construction

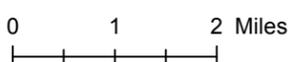


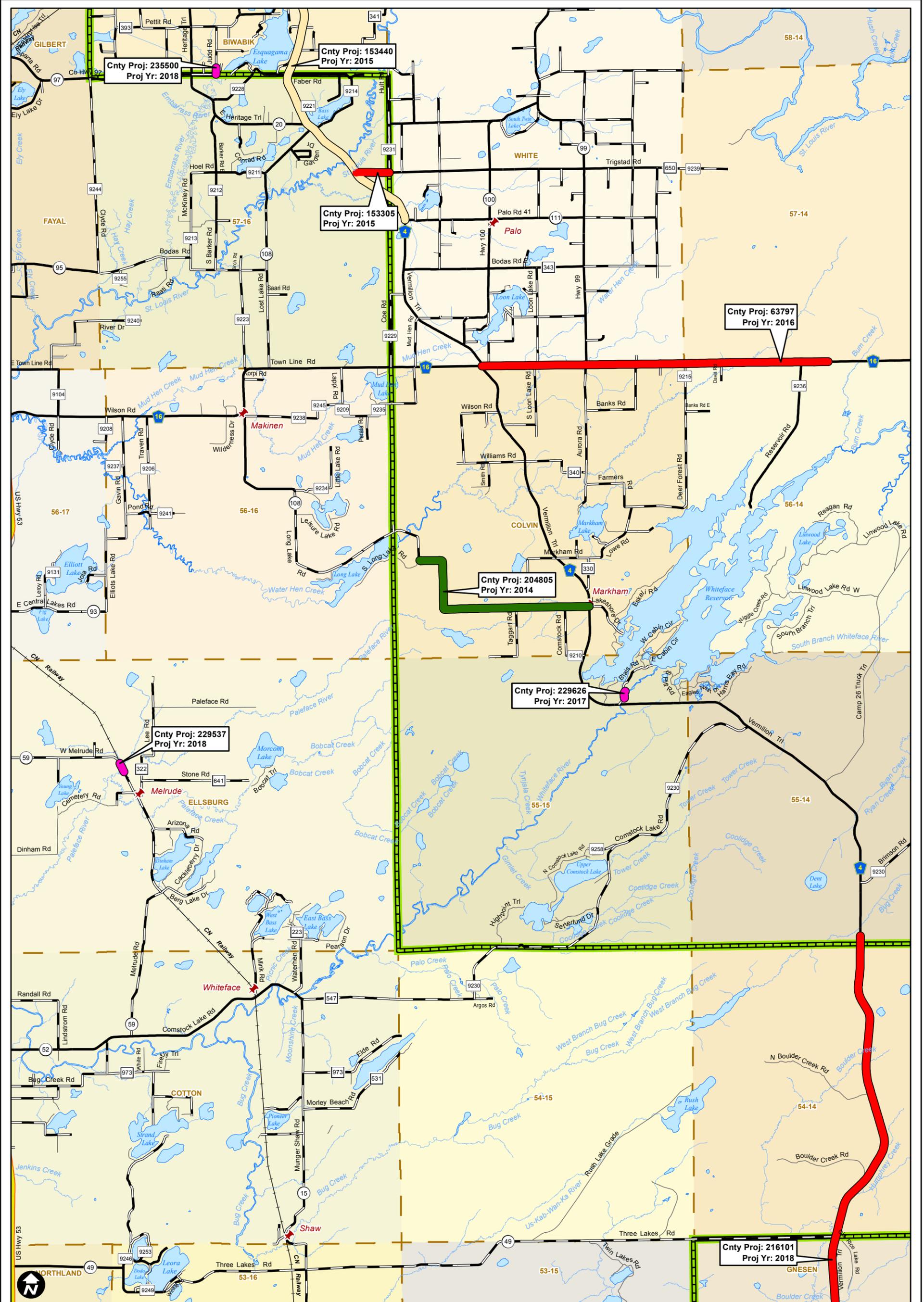
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2" Overlay	Ped Warning Signs	U.S./State Highway	Township
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GRIP	Traffic Signals		
Micro Surface			



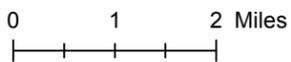
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Chip Seal	Reclaim & Overlay
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U.S./State Highway	Township
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County Road - Gravel	River/Stream
Local Road	
Railroad	
City/Town	

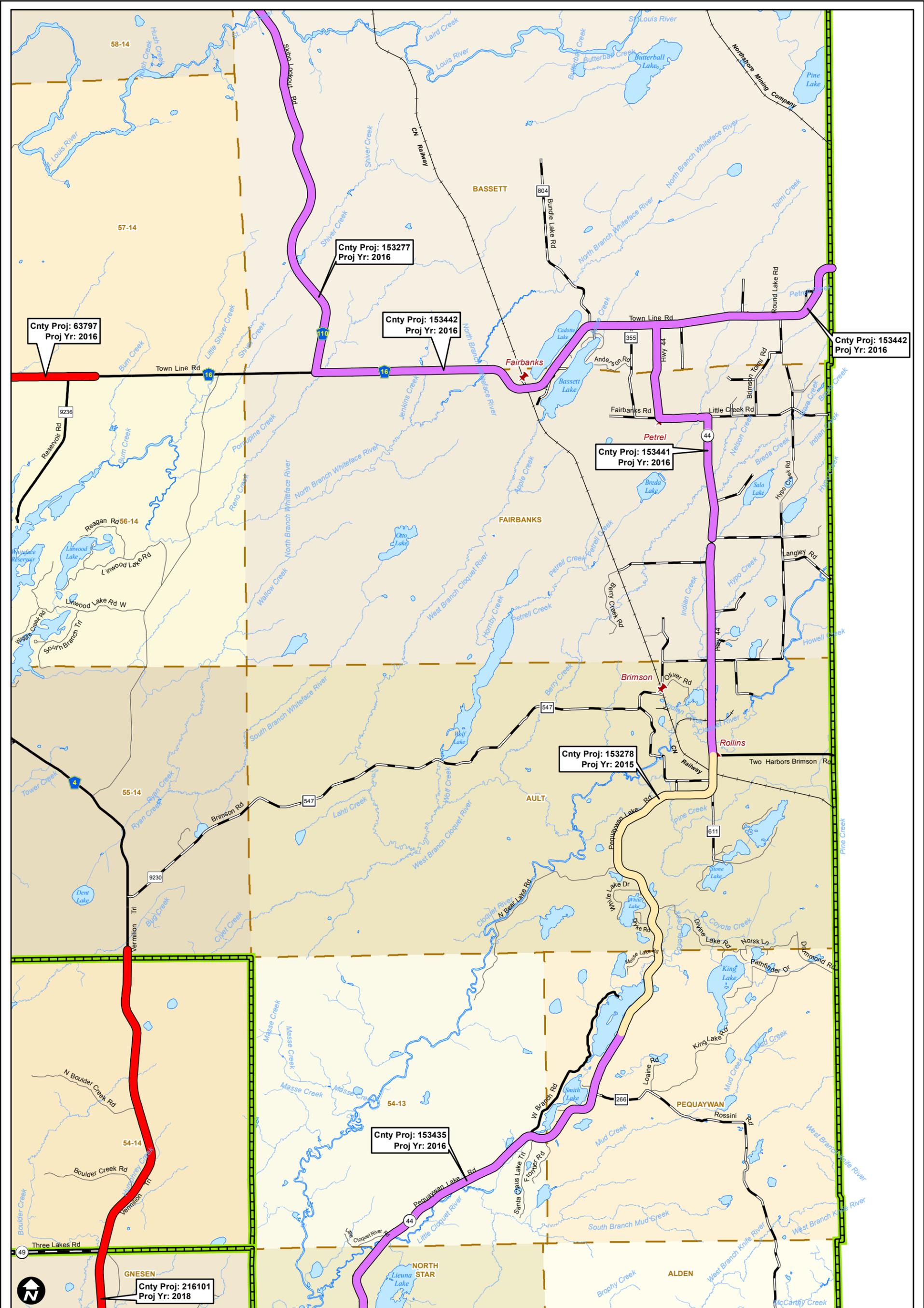




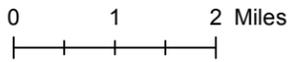
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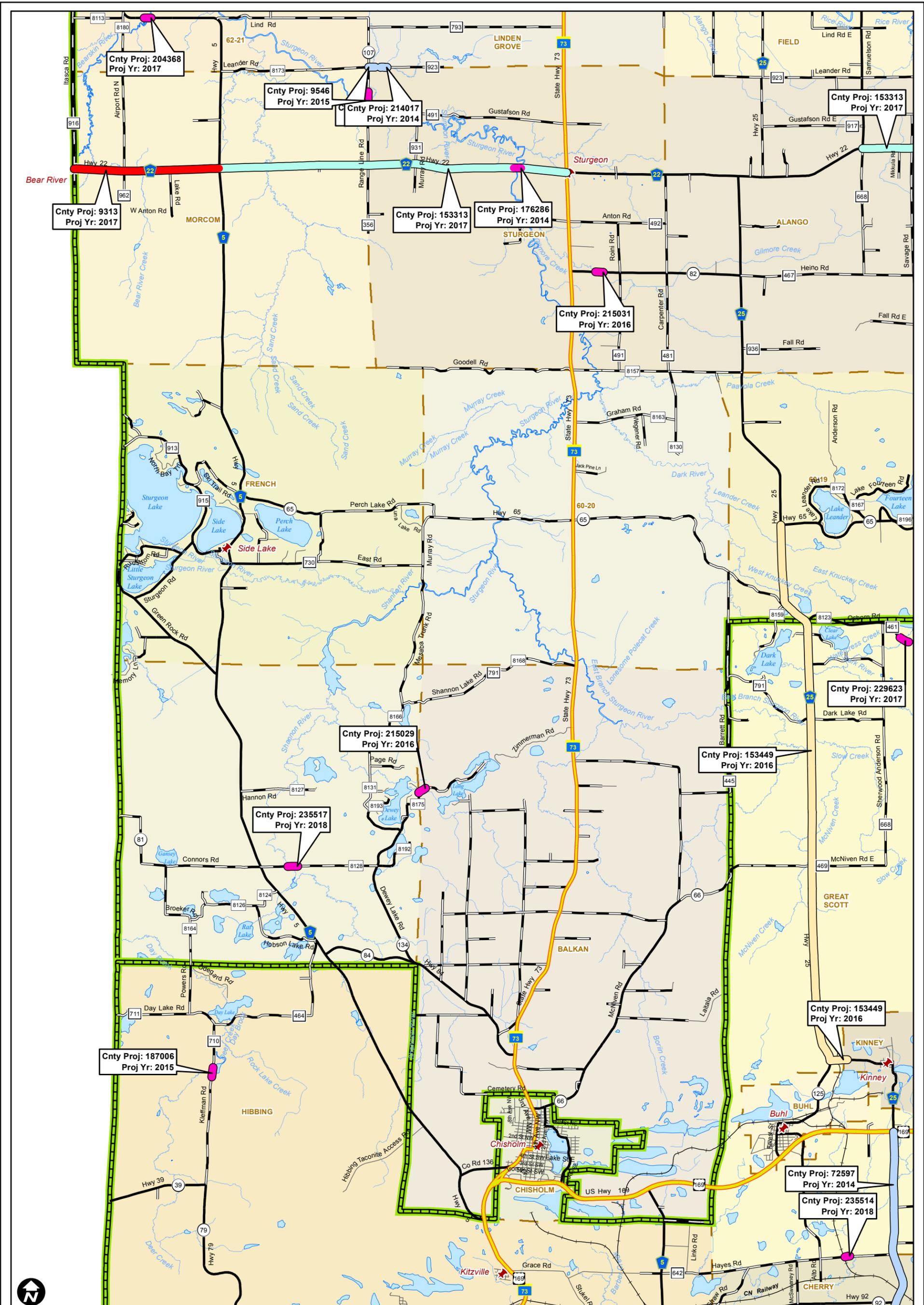
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GRIP	Traffic Signals		
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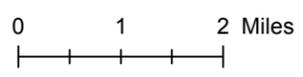
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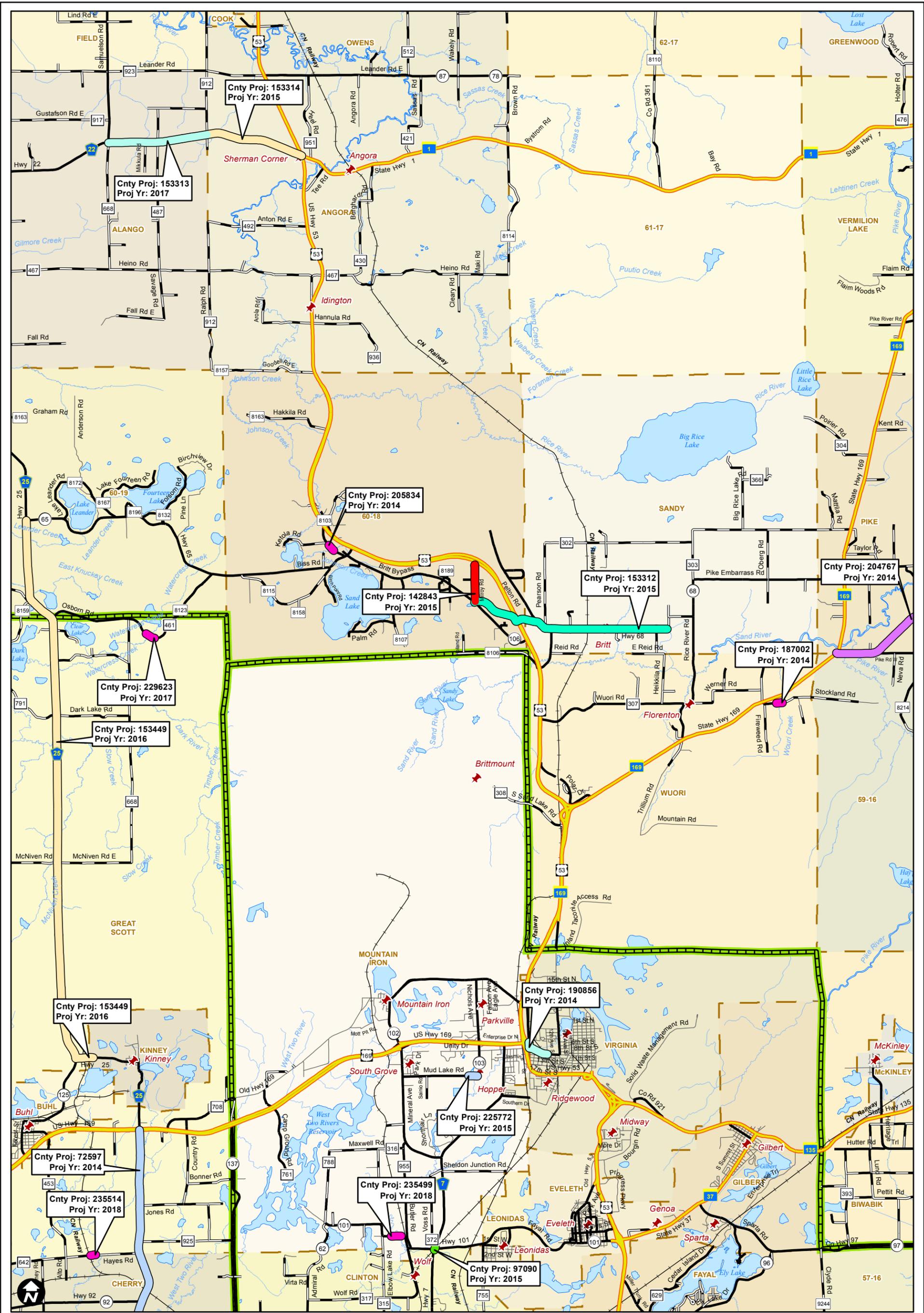
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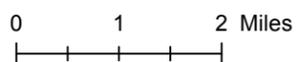
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	Local Road
	Railroad
	Commissioner District
	Township
	Lake
	River/Stream
	City/Town



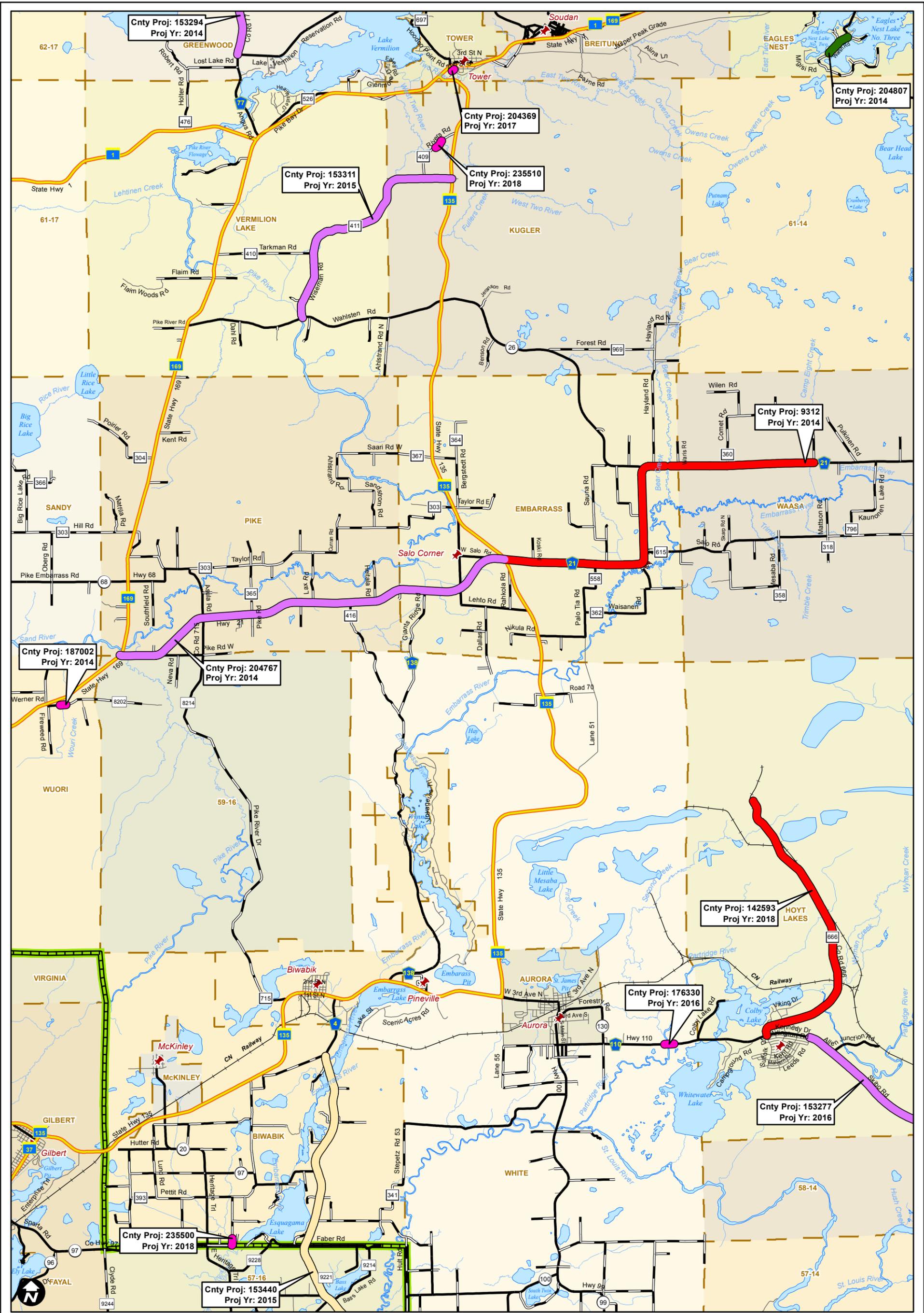
St. Louis County 5 Year CIP: Road & Bridge Construction



Map Components

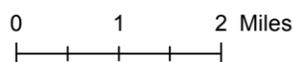
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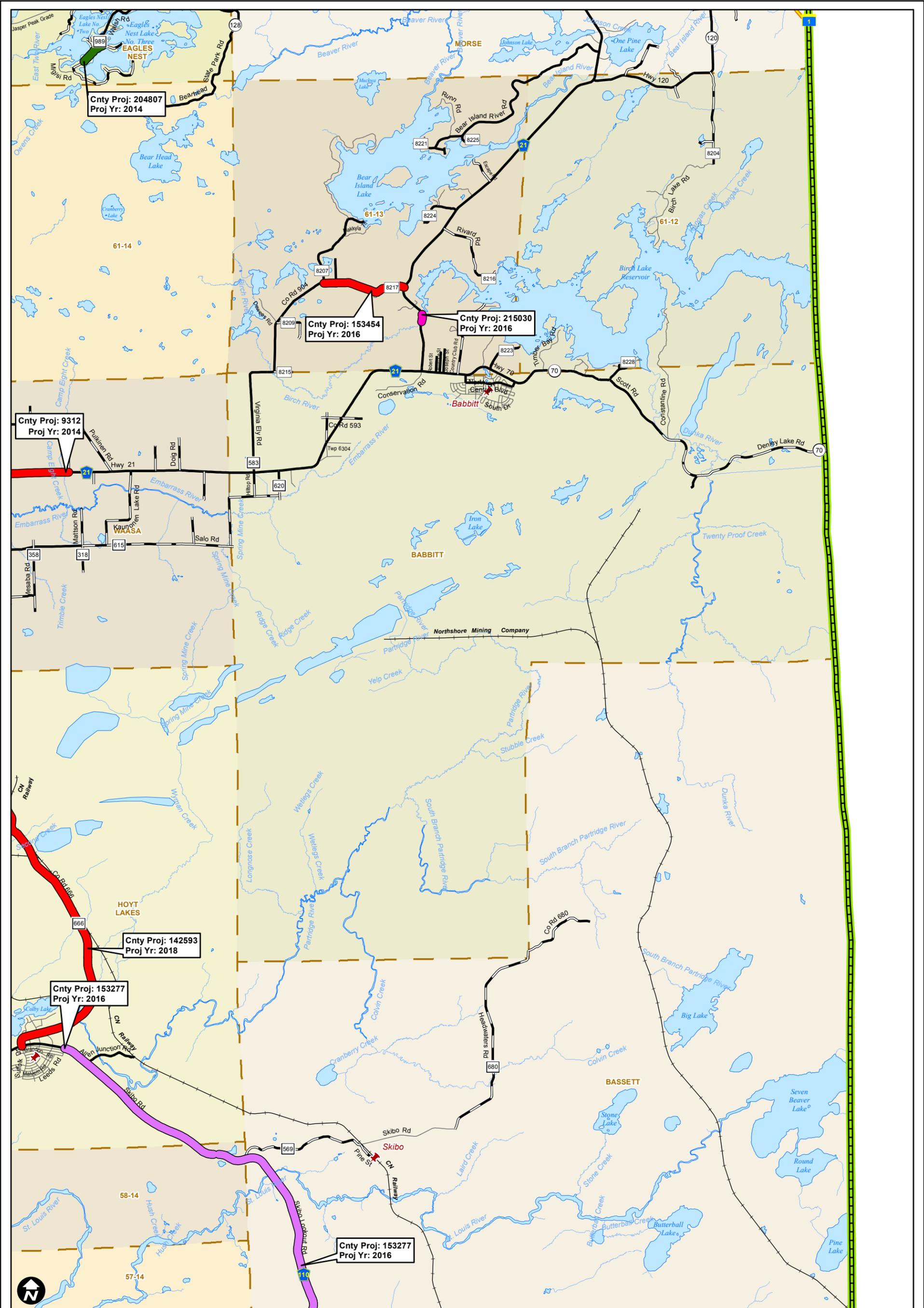




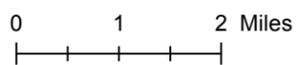
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GRIP			
Micro Surface			
	Reclaim & Overlay		
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	Reclamation		
	Reconstruction		
	Traffic Signals		
	Ped Warning Signs		
	RR Xing Improvement		

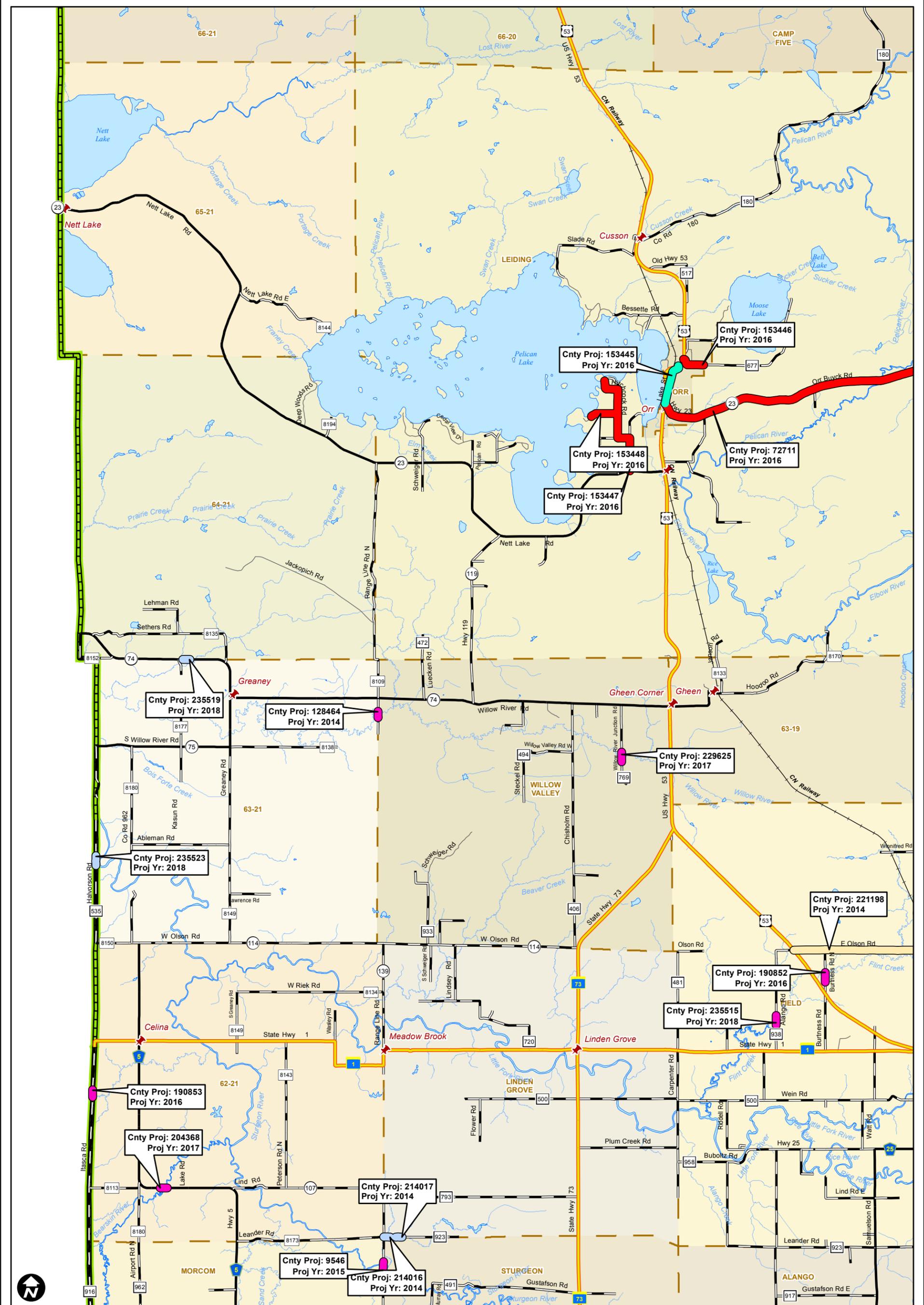




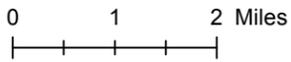
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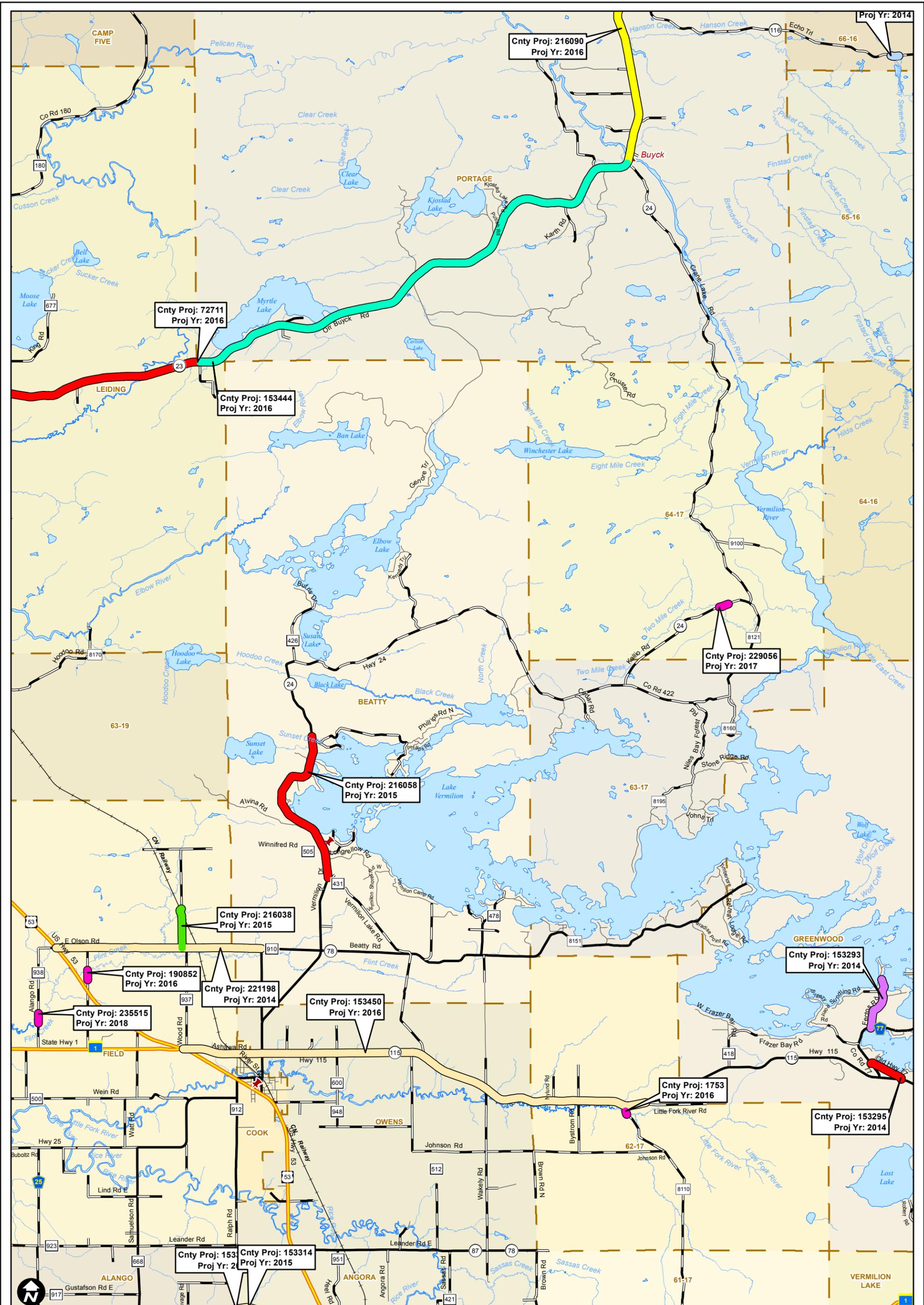
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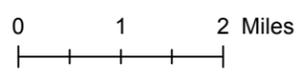
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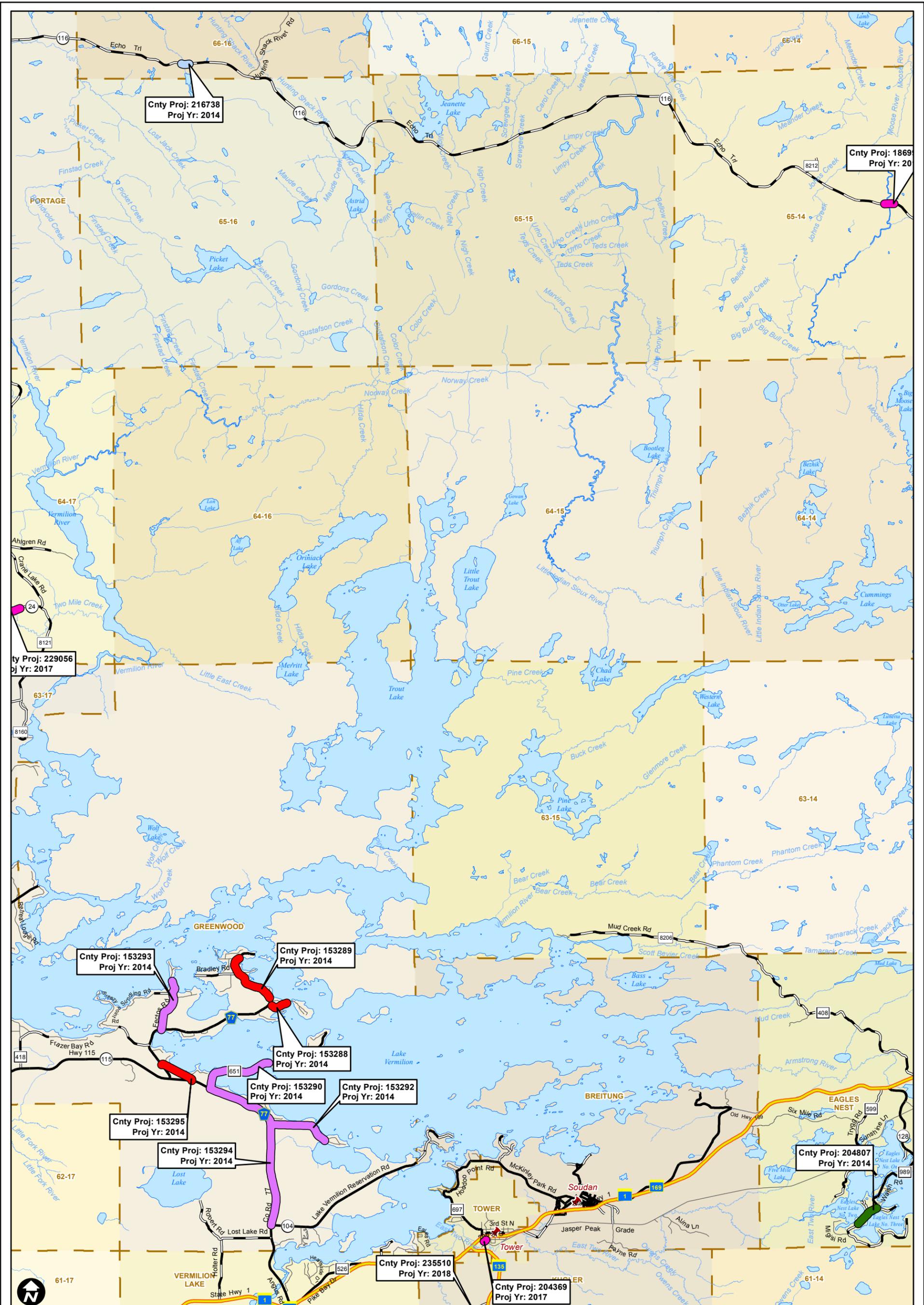
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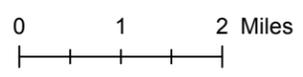
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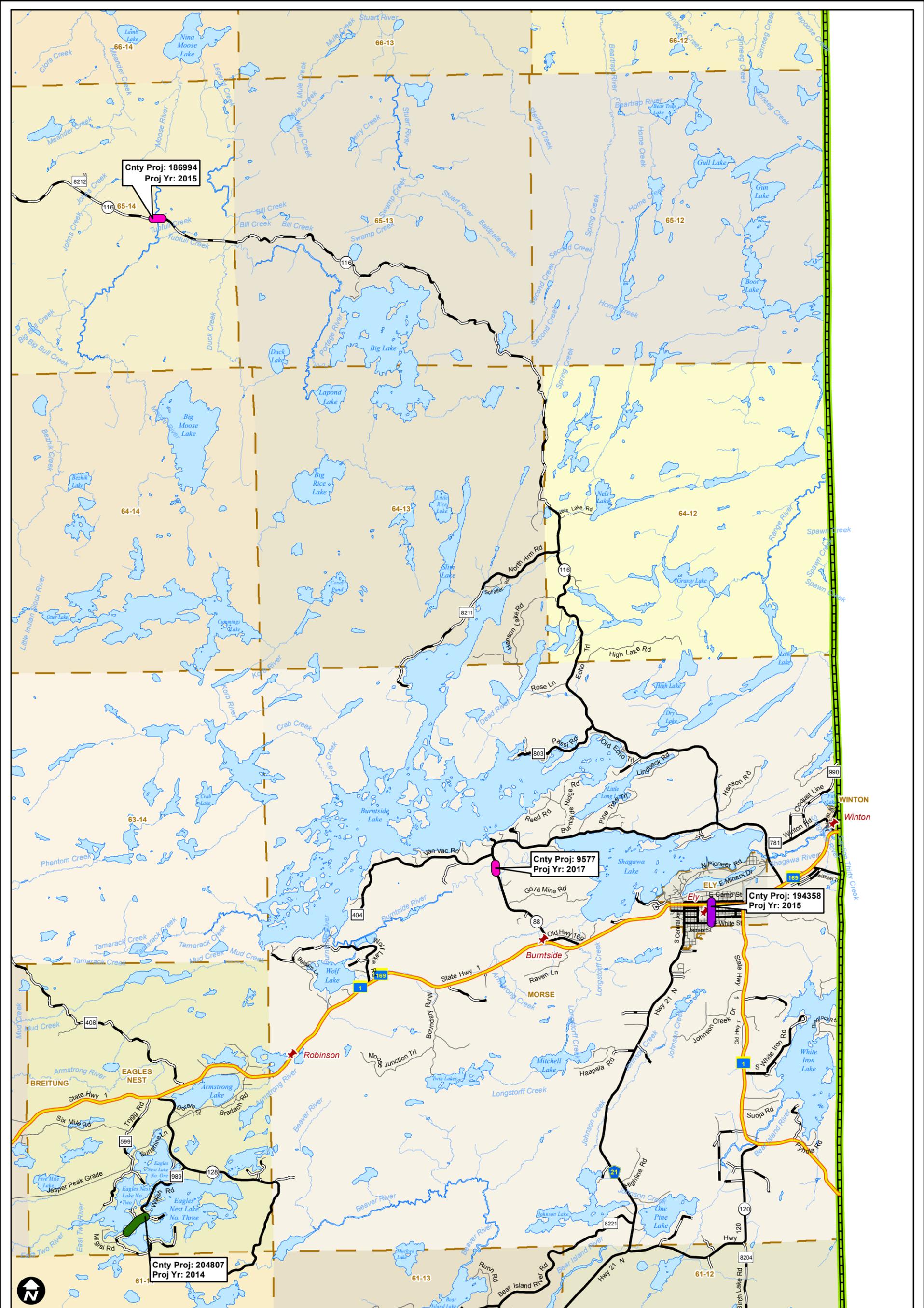
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GRIP	Traffic Signals		
Micro Surface			



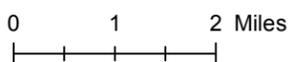
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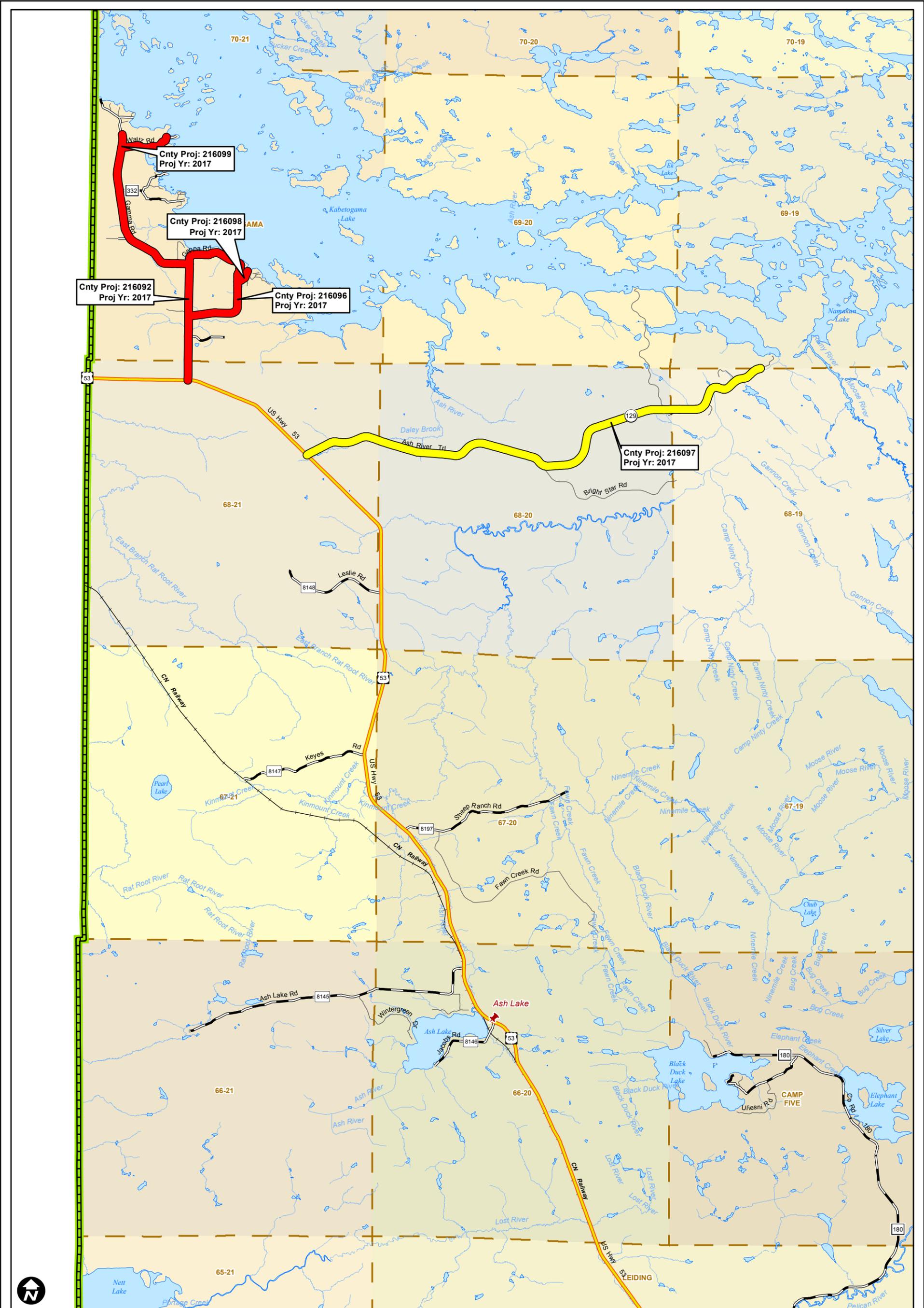
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GRIP	Micro Surface		



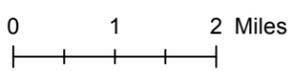
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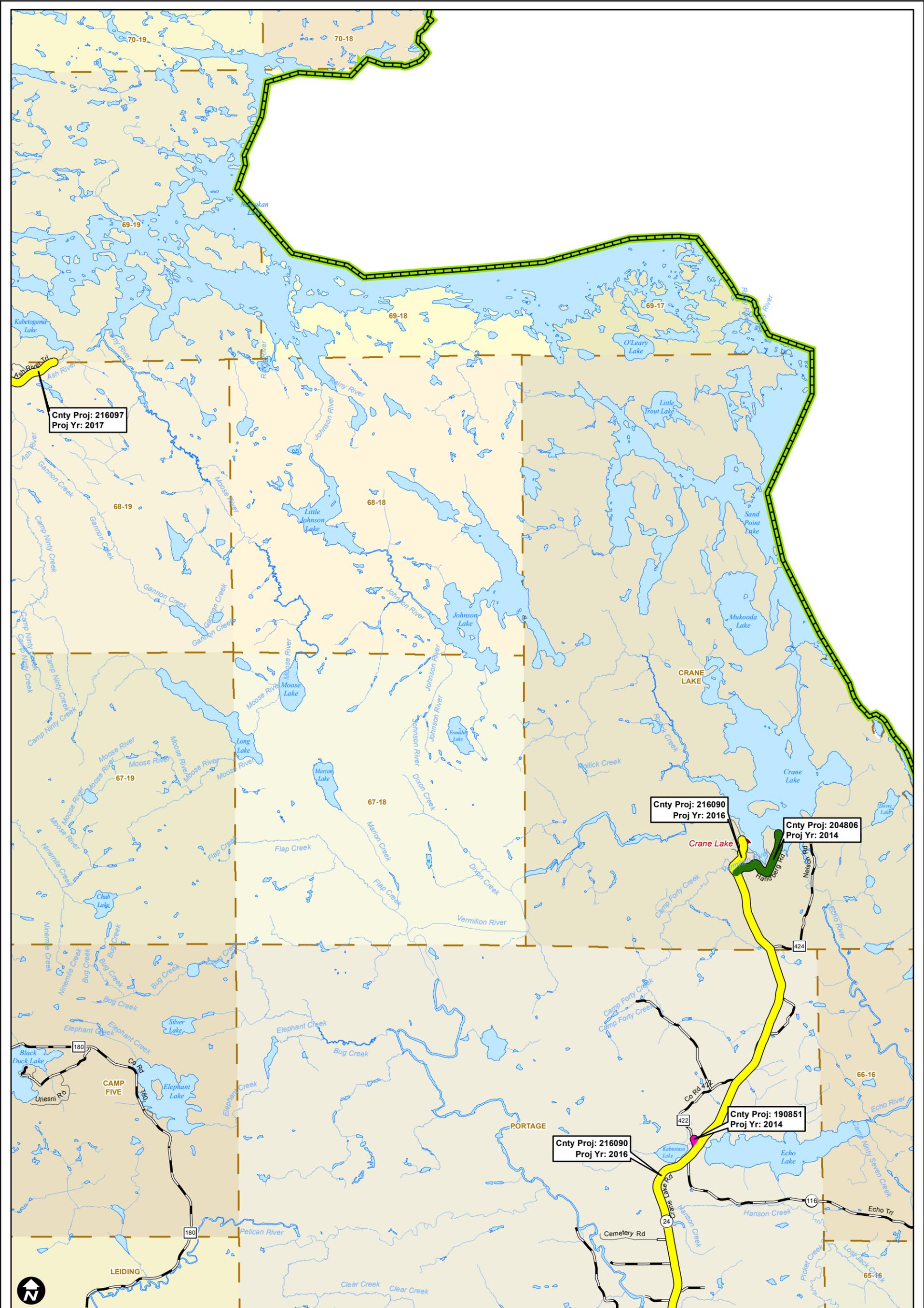
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GRIP	Traffic Signals		
Micro Surface			



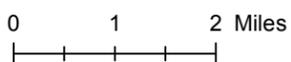
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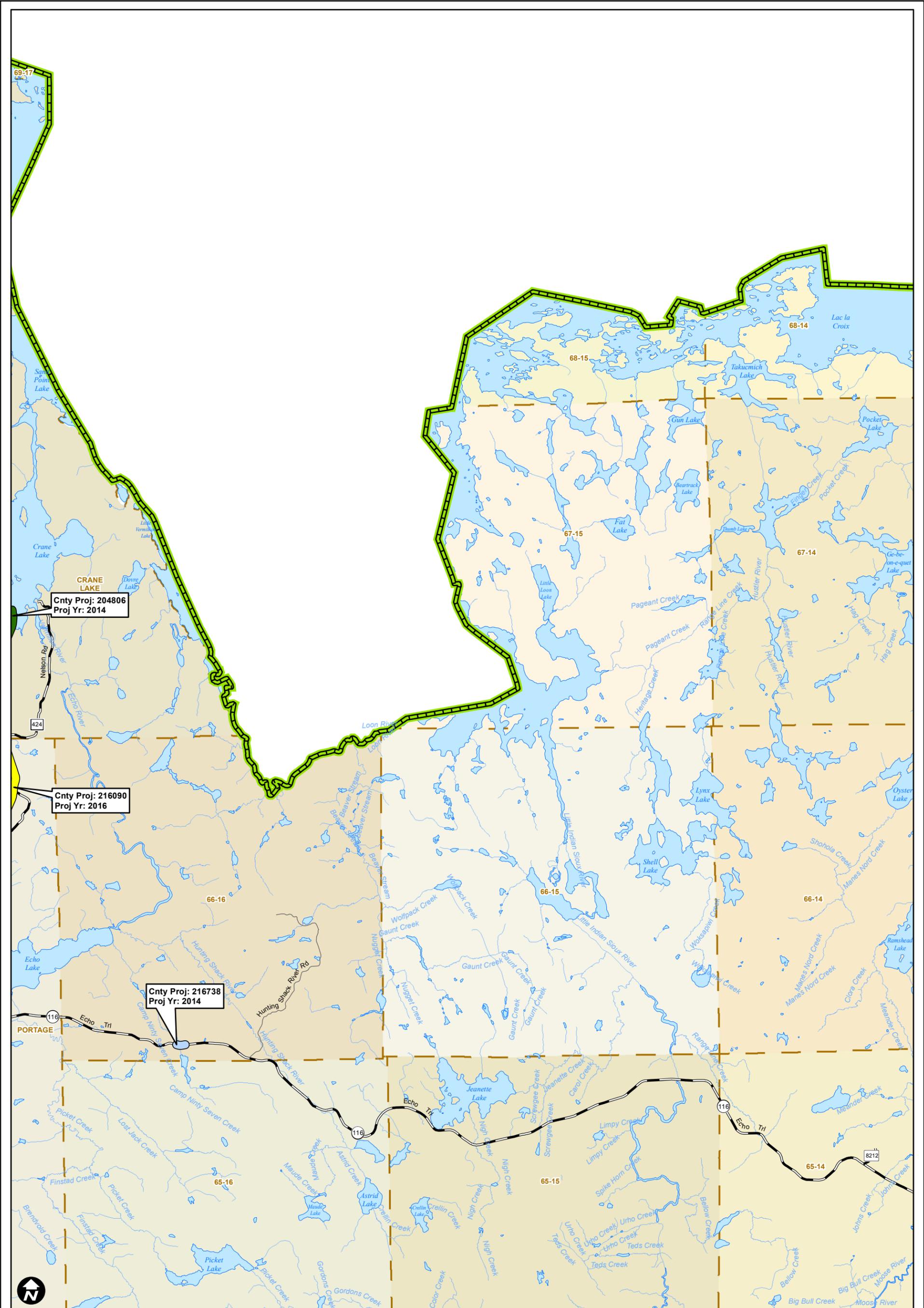
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— Bituminous Overlay	— Ped Warning Signs	— U.S./State Highway	 Township
— Bridge Construction	— RR Xing Improvement	— County Road - Paved	— Lake
— Bridge Removal	— Reclaim	— County Road - Gravel	— River/Stream
— Chip Seal	— Reclaim & Overlay	— Local Road	
— Complete Rebuild	— Reclaim/Stabilization	— Railroad	
— Culvert Replacement	— Reclamation	★ City/Town	
— GRIP	— Reconstruction	— Traffic Signals	
— Micro Surface			



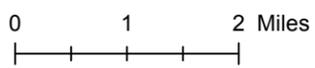
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Culvert Replacement	Reconstruction		
GRIP	Traffic Signals		
Micro Surface			



St. Louis County 5 Year CIP: Road & Bridge Construction



Map Components			
5 Year CIP: Road & Bridge Construction	Mill & Overlay	Interstate Highway	Commissioner District
2" Overlay	Ped Warning Signs	U.S./State Highway	Township
Bituminous Overlay	RR Xing Improvement	County Road - Paved	Lake
Bridge Construction	Reclaim	County Road - Gravel	River/Stream
Bridge Removal	Reclaim & Overlay	Local Road	
Chip Seal	Reclaim/Stabilization	Railroad	
Complete Rebuild	Reclamation	City/Town	
Culvert Replacement	Reconstruction		
GRIP	Traffic Signals		
Micro Surface			

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 209544 - CP 0000-209544 (A10) - Chip Seal -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 - (Lake County) - CSAH 10, 11, 12 from Int. of CSAH 9 & CSAH 10 to Int. of CSAH 12 and CSAH 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 #: 209544 **STATE PROJECT #:** CP 0000-209544 (A10) **ROAD #:**

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

ESTIMATED COST: \$295,347.66 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$295,347.66	\$0.00	\$295,347.66	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 221193 - CP 0000-221193 (A10) - Chip Seal -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 - (PL Parking Lot) - Pike Lake Public Works Parking Lot

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 221193 **STATE PROJECT #:** CP 0000-221193 (A10) **ROAD #:**

ROAD NAME: PL Parking Lot **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$43,093.25 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$43,093.25	\$0.00	\$0.00	\$0.00	\$43,093.25	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97113 - CP 0000-97113 - Crack Sealing -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Crack Sealing - () - Certain designated CSAH's and County Roads

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 97113 **STATE PROJECT #:** CP 0000-97113 **ROAD #:**

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

ESTIMATED COST: \$1,582,276.26 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$152,073.54	\$0.00	\$1,430,202.72	\$0.00	\$1,582,276.26	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 3623 - CP 0000-3623 - Ped/Bike Trail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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) - McKinley to Biwabik

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

EFFECT ON OPERATING BUDGET: No effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 3623	STATE PROJECT #: CP 0000-3623	ROAD #:
ROAD NAME: Mesabi Trail	BRIDGE #: NA	SECTION: / TOWNSHIP: / RANGE:
ESTIMATED COST: \$1,300,000.00	FUNDING SOURCE: Federal	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$1,004,976.00	\$295,024.00	\$1,300,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 106969 - CP 0090-106969 - Ped/Bike Trail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Ped/Bike Trail - () - Ely Trezona (Mesabi) Trail Connection in Ely

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

EFFECT ON OPERATING BUDGET: No effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 106969 **STATE PROJECT #:** CP 0090-106969 **ROAD #:**

ROAD NAME: **BRIDGE #:** NA **SECTION: / TOWNSHIP:** 63 / **RANGE:** 12

ESTIMATED COST: \$186,300.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$149,040.00	\$37,260.00	\$186,300.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187016 - CP 0000-187016(LA11) - Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

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

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187016 **STATE PROJECT #:** CP 0000-187016(LA11) **ROAD #:**

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

ESTIMATED COST: \$42,766.08

FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$4,276.61	\$0.00	\$38,489.47	\$0.00	\$42,766.08	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187017 - CP 0000-187017 (A11) - Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

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

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187017 **STATE PROJECT #:** CP 0000-187017 (A11) **ROAD #:**

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

ESTIMATED COST: \$407,144.40 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$40,714.44	\$0.00	\$366,429.96	\$0.00	\$407,144.40	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187018 - CP 0000-187018 (A11) - Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

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

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187018 **STATE PROJECT #:** CP 0000-187018 (A11) **ROAD #:**

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

ESTIMATED COST: \$308,582.95 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$30,858.29	\$0.00	\$277,724.66	\$0.00	\$308,582.95	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187072 - CP 0000-187072 - Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

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

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187072 **STATE PROJECT #:** CP 0000-187072 **ROAD #:**

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

ESTIMATED COST: \$146,513.30 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$146,513.30	\$0.00	\$146,513.30	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 221197 - CP 0004-221197 (A10) - Chip Seal - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Chip Seal - CSAH 4 (Rice Lake Rd.) - CSAH 9 (Martin Rd.) to CR 274 (Thompson Lake Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 221197 **STATE PROJECT #:** CP 0004-221197 (A10) **ROAD #:** CSAH 4

ROAD NAME: Rice Lake Rd. **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$368,528.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$73,706.00	\$0.00	\$294,822.00	\$0.00	\$368,528.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216321 - CP 0004-216321 - Ped Warning Signs - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

PROJECT PURPOSE AND JUSTIFICATION: To improve safety for pedestrians.

PROJECT DESCRIPTION AND LOCATION: Ped Warning Signs - CSAH 4 (Rice Lake Rd.) - State Highway 194 to Arrowhead Rd. (City portion)

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 216321	STATE PROJECT #: CP 0004-216321	ROAD #: CSAH 4
ROAD NAME: Rice Lake Rd.	BRIDGE #: NA	SECTION: 22 / TOWNSHIP: 50 / RANGE: 14
ESTIMATED COST: \$33,001.00	FUNDING SOURCE: State	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$33,001.00	\$0.00	\$33,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 189121 - CP 0006-189121 (A10) - Chip Seal - CSAH 6

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 #: 189121 **STATE PROJECT #:** CP 0006-189121 (A10) **ROAD #:** CSAH 6

ROAD NAME: Maple Grove Rd. **BRIDGE #:** NA **SECTION:** 13 / **TOWNSHIP:** 50 / **RANGE:** 17

ESTIMATED COST: \$224,900.27 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$224,900.27	\$0.00	\$224,900.27	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 205958 - CP 0006-205958 (A8) - Micro Surface - CSAH 6

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 6 (Maple Grove Rd.) - CSAH 6 (Maple Grove Rd.) from CSAH 13 to Westburg

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 205958 **STATE PROJECT #:** CP 0006-205958 (A8) **ROAD #:** CSAH 6

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

ESTIMATED COST: \$280,989.34 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$280,989.34	\$0.00	\$280,989.34	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9298 - CP 0016-9298 (LA6) - Culvert Replacement - CSAH 16

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 16 (Townline 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 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 #: 9298 **STATE PROJECT #:** CP 0016-9298 (LA6) **ROAD #:** CSAH 16

ROAD NAME: Townline Rd. **BRIDGE #:** NA **SECTION:** 6 / **TOWNSHIP:** 56 / **RANGE:** 19

ESTIMATED COST: \$563,431.23 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$563,431.23	\$0.00	\$563,431.23	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 204767 - CP 0021-204767 - Micro Surface - CSAH 21

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 21 (Highway 21) - CSAH 21 from 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 #: 204767	STATE PROJECT #: CP 0021-204767	ROAD #: CSAH 21
ROAD NAME: Highway 21	BRIDGE #: NA	SECTION: / TOWNSHIP: / RANGE:
ESTIMATED COST: \$478,666.89	FUNDING SOURCE: State	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$478,666.89	\$0.00	\$478,666.89	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9312 - CP 0021-9312 - Reclaim & Overlay - CSAH 21

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 21 (Hwy. 21) - T.H. #135 to Twp Rd. 6411 (Niemi 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 #: 9312 **STATE PROJECT #:** CP 0021-9312 **ROAD #:** CSAH 21

ROAD NAME: Hwy. 21 **BRIDGE #:** NA **SECTION:** 21 / **TOWNSHIP:** 60 / **RANGE:** 15

ESTIMATED COST: \$2,884,506.91 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$2,884,506.91	\$0.00	\$2,884,506.91	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 176286 - CP 0022-176286 - Bridge Construction - CSAH 22

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 22 (Hwy. 22) - 1 mile 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 #: 176286 **STATE PROJECT #:** CP 0022-176286 **ROAD #:** CSAH 22

ROAD NAME: Hwy. 22 **BRIDGE #:** 641 **SECTION:** 16 / **TOWNSHIP:** 61 / **RANGE:** 20

ESTIMATED COST: \$2,759,593.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$2,759,593.00	\$0.00	\$2,759,593.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9289 - CP 0024-9289 - Culvert Replacement - CSAH 24

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 24 (Vermillion Drive) - CR 431 (Vermillion Lake Rd) to TR 4517 (Raps 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 #: 9289 **STATE PROJECT #:** CP 0024-9289 **ROAD #:** CSAH 24

ROAD NAME: Vermillion Drive **BRIDGE #:** NA **SECTION:** 8 / **TOWNSHIP:** 63 / **RANGE:** 18

ESTIMATED COST: \$279,400.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$279,400.00	\$0.00	\$279,400.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 72597 - CP 0025-72597 (A6) - Culvert Replacement - CSAH 25

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 25 (HWY 25) - TH #37 to TH #169

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

EFFECT ON OPERATING BUDGET: A new 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 #: 72597 **STATE PROJECT #:** CP 0025-72597 (A6) **ROAD #:** CSAH 25

ROAD NAME: HWY 25 **BRIDGE #:** NA **SECTION:** 22 / **TOWNSHIP:** 57 / **RANGE:** 19

ESTIMATED COST: \$492,568.77 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$492,568.77	\$0.00	\$492,568.77	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 224971 - CP 0025-224971 - Culvert Replacement - CSAH 25

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 25 (Hwy 25) - CSAH 25, .8 mi. South of CSAH 66

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 #: 224971	STATE PROJECT #: CP 0025-224971	ROAD #: CSAH 25
ROAD NAME: Hwy 25	BRIDGE #: NA	SECTION: 28 / TOWNSHIP: 59 / RANGE: 19
ESTIMATED COST: \$53,498.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$53,498.00	\$0.00	\$0.00	\$0.00	\$53,498.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 186991 - CP 0028-186991 (FS) - Bridge Construction - CSAH 28

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 28 (Sax Rd.) - CSAH 28 (Sax Rd.) at the jct. of CR 788 (Cranberry Lane)

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 #: 186991	STATE PROJECT #: CP 0028-186991 (FS)	ROAD #: CSAH 28
ROAD NAME: Sax Rd.	BRIDGE #: 396	SECTION: 27 / TOWNSHIP: 55 / RANGE: 18
ESTIMATED COST: \$217,273.97	FUNDING SOURCE: State	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$217,273.97	\$0.00	\$217,273.97	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 189212 - CP 0031-189212 - Reclaim & Overlay - CSAH 31

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 (Twin Lakes Dr.) - CSAH 31 (Twin Lakes Dr.) from CSAH 80 (Brookston Rd. W.) to Bridge 146

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 189212 **STATE PROJECT #:** CP 0031-189212 **ROAD #:** CSAH 31

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

ESTIMATED COST: \$975,300.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$975,300.00	\$0.00	\$975,300.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 1240 - CP 0033-1240(LT5) - Reclaim & Overlay - CSAH 33

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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.) - From CSAH 43 (Lismore Rd.) to CSAH 40 (Pioneer Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 1240 **STATE PROJECT #:** CP 0033-1240(LT5) **ROAD #:** CSAH 33

ROAD NAME: McQuade Rd. **BRIDGE #:** NA **SECTION:** 36 / **TOWNSHIP:** 52 / **RANGE:** 13

ESTIMATED COST: \$522,412.99 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$522,412.99	\$0.00	\$522,412.99	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 180381 - CP 0036-180381 - Reclaim & Overlay - CSAH 36

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 36 (Arnold Rd.) - CSAH 10 (Martin Rd.) to CSAH 43 (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 #: 180381 **STATE PROJECT #:** CP 0036-180381 **ROAD #:** CSAH 36

ROAD NAME: Arnold Rd. **BRIDGE #:** NA **SECTION:** 26 / **TOWNSHIP:** 51 / **RANGE:** 14

ESTIMATED COST: \$1,218,612.64 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$1,218,612.64	\$0.00	\$0.00	\$0.00	\$1,218,612.64	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 205963 - CP 0048-205963 (LA10 - Chip Seal - CSAH 48)

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Chip Seal - CSAH 48 (Lavaque Rd.) - CSAH 48 (Lavaque), CSAH 56 (Morris Thomas), CSAH 98 (Canosia), CSAH 91 (40th 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 #: 205963 **STATE PROJECT #:** CP 0048-205963 (LA10) **ROAD #:** CSAH 48

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

ESTIMATED COST: \$458,391.40 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$458,391.40	\$0.00	\$458,391.40	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 205960 - CP 0048-205960 (A8) - Micro Surface - CSAH 48

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 48 (2nd Ave.) - CSAH 48 (2nd Ave.) from TH 2 to 5th St.

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 205960 **STATE PROJECT #:** CP 0048-205960 (A8) **ROAD #:** CSAH 48

ROAD NAME: 2nd Ave. **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$38,214.10 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$38,214.10	\$0.00	\$38,214.10	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 207545 - CP 0048-207545 - Reclaim & Overlay - CSAH 48

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 48 (Lavaque Bypass) - CSAH 48 (Lavaque Bypass Rd.) from TH 53 to CSAH 9 (Martin Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 207545 STATE PROJECT #: CP 0048-207545 ROAD #: CSAH 48

ROAD NAME: Lavaque Bypass BRIDGE #: NA SECTION: 3 / TOWNSHIP: 50 / RANGE: 15

ESTIMATED COST: \$1,189,401.56 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$1,189,401.56	\$0.00	\$1,189,401.56	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 205961 - CP 0056-205961 (A8) - Micro Surface - CSAH 56

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 56 (Morris Thomas) - CSAH 56 (Morris Thomas Rd.) from TH 2 to CSAH 54

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 205961 **STATE PROJECT #:** CP 0056-205961 (A8) **ROAD #:** CSAH 56

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

ESTIMATED COST: \$344,880.96 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$344,880.96	\$0.00	\$344,880.96	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 202192 - CP 0061-202192 (T5) - Bituminous Overlay - CSAH 61

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 61 (North Shore Dr.) - 1,260' W. of CSAH 33 (McQuade Rd) to Lake 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 roadway in a condition acceptable to the driving public.

PROJECT INFORMATION

COUNTY PROJECT #: 202192 **STATE PROJECT #:** CP 0061-202192 (T5) **ROAD #:** CSAH 61

ROAD NAME: North Shore Dr. **BRIDGE #:** NA **SECTION:** 19 / **TOWNSHIP:** 51 / **RANGE:** 12

ESTIMATED COST: \$824,173.05 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$824,173.05	\$0.00	\$824,173.05	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153294 - CP 0077-153294 (A2) - Micro Surface - CSAH 77

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 77 (CSAH 77) - CSAH 104 to a point 3.45 miles west of of CSAH 104

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153294 **STATE PROJECT #:** CP 0077-153294 (A2) **ROAD #:** CSAH 77

ROAD NAME: CSAH 77 **BRIDGE #:** NA **SECTION:** 21 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$206,102.72 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$206,102.72	\$0.00	\$206,102.72	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153295 - CP0077(A)-153295(LT4 - Reclaim & Overlay - CSAH 77

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 77 (Old Highway 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 #: 153295 **STATE PROJECT #:** CP0077(A)-153295(LT **ROAD #:** CSAH 77

ROAD NAME: Old Highway 77 **BRIDGE #:** NA **SECTION:** 17 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$193,335.25 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$193,335.25	\$0.00	\$0.00	\$0.00	\$193,335.25	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153306 - CP 0089-153306 (T1) - Bituminous Overlay - CSAH 89

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 89 (Stebner Rd.) - Skyline Blvd. to CSAH 56 (Morris Thomas 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 #: 153306 **STATE PROJECT #:** CP 0089-153306 (T1) **ROAD #:** CSAH 89

ROAD NAME: Stebner Rd. **BRIDGE #:** NA **SECTION:** 1 / **TOWNSHIP:** 49 / **RANGE:** 15

ESTIMATED COST: \$507,253.91 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$507,253.91	\$0.00	\$507,253.91	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 183085 - WO 183085 (T1) - Bridge Construction - CSAH 89

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 89 (Highland Ave.) - Over Keene Creek on CSAH 89

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 #: 183085 **STATE PROJECT #:** WO 183085 (T1) **ROAD #:** CSAH 89

ROAD NAME: Highland Ave. **BRIDGE #:** 812 **SECTION:** 1 / **TOWNSHIP:** 49 / **RANGE:**

ESTIMATED COST: \$2,548,338.70 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$2,548,338.70	\$0.00	\$2,548,338.70	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 176509 - CP 0089-176509 (LT1) - Complete Rebuild - CSAH 89

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 - CSAH 89 (Highland Ave.) - Cody St. to Skyline Parkway

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 #: 176509	STATE PROJECT #: CP 0089-176509 (LT1)	ROAD #: CSAH 89
ROAD NAME: Highland Ave.	BRIDGE #: NA	SECTION: 1 / TOWNSHIP: 49 / RANGE:
ESTIMATED COST: \$7,690,420.63	FUNDING SOURCE: State	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$7,690,420.63	\$0.00	\$7,690,420.63	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 190856 - CP 0103-190856 - Mill & Overlay - CSAH 103

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 103 (Mud Lake Rd.) - TH 169 to S. 12th Ave. W. in Virginia

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 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 #: 190856 **STATE PROJECT #:** CP 0103-190856 **ROAD #:** CSAH 103

ROAD NAME: Mud Lake Rd. **BRIDGE #:** NA **SECTION:** 7 / **TOWNSHIP:** 58 / **RANGE:** 17

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 204805 - CP 0108-204805 (A9) - GRIP - CSAH 108

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: GRIP - CSAH 108 (Long Lake Rd.) - 2014 GRIP North - CSAH 108 (Long Lake Rd.) CSAH 4 to UT 9234 (Little Lake Rd.)

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

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

PROJECT INFORMATION

COUNTY PROJECT #: 204805 **STATE PROJECT #:** CP 0108-204805 (A9) **ROAD #:** CSAH 108

ROAD NAME: Long Lake Rd. **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$208,032.25 **FUNDING SOURCE:** GRIP

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$208,032.25	\$0.00	\$0.00	\$0.00	\$208,032.25	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216738 - CP 0116-216738 - Culvert Replacement - CSAH 116

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 116 (Echo Trail) - 5.8 Mi. East of CSAH 24

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 #: 216738 STATE PROJECT #: CP 0116-216738 ROAD #: CSAH 116

ROAD NAME: Echo Trail BRIDGE #: NA SECTION: 33 / TOWNSHIP: 66 / RANGE: 16

ESTIMATED COST: \$30,001.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$30,001.00	\$0.00	\$0.00	\$0.00	\$30,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 1263 - CP 0133-1263 - Reclaim & Overlay - CSAH 133

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 133 (Hwy 133) - T.H. #73 to County Road #496 (Western Ave,) in Meadowlands

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 1263 **STATE PROJECT #:** CP 0133-1263 **ROAD #:** CSAH 133

ROAD NAME: Hwy 133 **BRIDGE #:** NA **SECTION:** 15 / **TOWNSHIP:** 53 / **RANGE:** 21

ESTIMATED COST: \$4,028,693.58 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$4,028,693.58	\$0.00	\$4,028,693.58	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 228886 - CP 0184-228886(LA11) - Reclaim/Stabilization - CR 184

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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/Stabilization - CR 184 (Floodwood River) - CR 184 (Floodwood River Rd.) from CSAH 18 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 #: 228886 **STATE PROJECT #:** CP 0184-228886(LA11) **ROAD #:** CR 184

ROAD NAME: Floodwood River **BRIDGE #:** NA **SECTION:** 7 / **TOWNSHIP:** 54 / **RANGE:** 21

ESTIMATED COST: \$32,862.40 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$32,862.40	\$0.00	\$0.00	\$0.00	\$32,862.40	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 169713 - CP 0220-169713(FS) - Bridge Construction - CR 220

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 220 (Stoney Brook) - 1.5 mi. No. of Jct CSAH 47 over the Artichoke 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 #: 169713 **STATE PROJECT #:** CP 0220-169713(FS) **ROAD #:** CR 220

ROAD NAME: Stoney Brook **BRIDGE #:** 170 **SECTION:** 18 / **TOWNSHIP:** 52 / **RANGE:** 17

ESTIMATED COST: \$200,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$200,001.00	\$0.00	\$0.00	\$0.00	\$200,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 211181 - CP 0290-211181 (FS) - Bridge Removal - CR 290

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 290 (Old North Shore) - CR 290 (Old North Shore Rd.) .7 miles SW of CSAH 33 (McQuade Rd.) to Lake County

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 #: 211181 **STATE PROJECT #:** CP 0290-211181 (FS) **ROAD #:** CR 290

ROAD NAME: Old North Shore **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$25,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$25,000.00	\$0.00	\$0.00	\$0.00	\$25,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153297 - CP 0329-153297(LT3) - Reclaim & Overlay - CR 329

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 329 (N. Peary Rd.) - TH 37 to CR 776

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153297 **STATE PROJECT #:** CP 0329-153297(LT3) **ROAD #:** CR 329

ROAD NAME: N. Peary Rd. **BRIDGE #:** NA **SECTION:** 25 / **TOWNSHIP:** 57 / **RANGE:** 18

ESTIMATED COST: \$519,473.66 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$519,473.66	\$0.00	\$0.00	\$0.00	\$519,473.66	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187002 - CP 0368-187002 (FS) - Bridge Construction - CR 368

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 368 () - 0.3 miles E. of the Jct. with CR 305 (Fireweed 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 #: 187002 **STATE PROJECT #:** CP 0368-187002 (FS) **ROAD #:** CR 368

ROAD NAME: **BRIDGE #:** 798 **SECTION:** 12 / **TOWNSHIP:** 59 / **RANGE:** 17

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$50,001.00	\$0.00	\$0.00	\$0.00	\$50,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153299 - CP 0383-153299(T3) - Reclaim & Overlay - CR 383

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 383 (Long Lake Rd.) - CR 329 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 #: 153299 **STATE PROJECT #:** CP 0383-153299(T3) **ROAD #:** CR 383

ROAD NAME: Long Lake Rd. **BRIDGE #:** NA **SECTION:** 24 / **TOWNSHIP:** 57 / **RANGE:** 18

ESTIMATED COST: \$88,604.42 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$88,604.42	\$0.00	\$0.00	\$0.00	\$88,604.42	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153292 - CP 0414-153292 (A2) - Micro Surface - CR 414

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CR 414 (Everett 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 #: 153292	STATE PROJECT #: CP 0414-153292 (A2)	ROAD #: CR 414
ROAD NAME: Everett Pt Rd.	BRIDGE #: NA	SECTION: 22 / TOWNSHIP: 62 / RANGE: 16
ESTIMATED COST: \$68,903.28	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$68,903.28	\$0.00	\$0.00	\$0.00	\$68,903.28	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153288 - CP 0415-153288(T4) - Reclaim & Overlay - CR 415

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 415 (Arrowhead 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 #: 153288 **STATE PROJECT #:** CP 0415-153288(T4) **ROAD #:** CR 415

ROAD NAME: Arrowhead Pt Rd **BRIDGE #:** NA **SECTION:** 10 / **TOWNSHIP:** 62 / **RANGE:** 16

ESTIMATED COST: \$88,544.51 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$88,544.51	\$0.00	\$0.00	\$0.00	\$88,544.51	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 190851 - CP 0422-190851 - Bridge Construction - CR 422

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 422 (County Road 422) - CR 422 .15 mi. W. of jct. CSAH 24, Bridge 349

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 #: 190851 **STATE PROJECT #:** CP 0422-190851 **ROAD #:** CR 422

ROAD NAME: County Road 422 **BRIDGE #:** 349 **SECTION:** 22 / **TOWNSHIP:** 66 / **RANGE:** 17

ESTIMATED COST: \$300,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$300,001.00	\$0.00	\$0.00	\$0.00	\$300,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 204806 - CP 0425-204806 (A9) - GRIP - CR 425

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: GRIP - CR 425 (Handberg Rd.) - 2014 GRIP North - CR 425 (Handberg Rd.) from CSAH 24 to Crane Lake

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

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

PROJECT INFORMATION

COUNTY PROJECT #: 204806 **STATE PROJECT #:** CP 0425-204806 (A9) **ROAD #:** CR 425

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

ESTIMATED COST: \$116,839.50 **FUNDING SOURCE:** GRIP

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$116,839.50	\$0.00	\$0.00	\$0.00	\$116,839.50	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 228887 - CP 0443-228887 (A11) - Reclaim/Stabilization - CR 443

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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/Stabilization - CR 443 (Merrill Rd.) - CR 443 (Merrill Rd.) from CR 184 (Floodwood River Rd.) to CSAH 18

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 228887 **STATE PROJECT #:** CP 0443-228887 (A11) **ROAD #:** CR 443

ROAD NAME: Merrill Rd. **BRIDGE #:** NA **SECTION:** 7 / **TOWNSHIP:** 54 / **RANGE:** 21

ESTIMATED COST: \$8,068.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$8,068.00	\$0.00	\$0.00	\$0.00	\$8,068.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 221198 - CP 0540-221198 (A10) - Chip Seal - CR 540

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 #: 221198 **STATE PROJECT #:** CP 0540-221198 (A10) **ROAD #:** CR 540

ROAD NAME: East Olson Rd. **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$258,831.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$258,831.00	\$0.00	\$0.00	\$0.00	\$258,831.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153290 - CP 0651-153290 (A2) - Micro Surface - CR 651

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CR 651 (Birch Point Rd.) - CSAH 77 to east termini

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153290 STATE PROJECT #: CP 0651-153290 (A2) ROAD #: CR 651

ROAD NAME: Birch Point Rd. BRIDGE #: NA SECTION: 17 / TOWNSHIP: 62 / RANGE: 16

ESTIMATED COST: \$87,805.85 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$87,805.85	\$0.00	\$0.00	\$0.00	\$87,805.85	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 192051 - CP 0675-192051 - Culvert Replacement - CR 675

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Culvert Replacement - CR 675 (Arnold Rd.) - 1400 ft. South of CSAH 44 (Normanna Rd.) intersection

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 #: 192051 **STATE PROJECT #:** CP 0675-192051 **ROAD #:** CR 675

ROAD NAME: Arnold Rd. **BRIDGE #:** NA **SECTION:** 23 / **TOWNSHIP:** 52 / **RANGE:** 14

ESTIMATED COST: \$35,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$35,001.00	\$0.00	\$0.00	\$0.00	\$35,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153293 - CP 0676-153293 (A2) - Micro Surface - CR 676

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CR 676 (Fectos 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 #: 153293 STATE PROJECT #: CP 0676-153293 (A2) ROAD #: CR 676

ROAD NAME: Fectos Rd. BRIDGE #: NA SECTION: 18 / TOWNSHIP: 62 / RANGE: 16

ESTIMATED COST: \$66,001.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$66,001.00	\$0.00	\$0.00	\$0.00	\$66,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 204803 - CP 0694-204803 - GRIP - CR 694

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: GRIP - CR 694 (Seville Rd.) - CR 694 (Seville Rd.) from CR 853 (Kroll Rd.) to CR 859 (Caribou Lake Rd.)

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

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

PROJECT INFORMATION

COUNTY PROJECT #: 204803 **STATE PROJECT #:** CP 0694-204803 **ROAD #:** CR 694

ROAD NAME: Seville Rd. **BRIDGE #:** NA **SECTION:** 32 / **TOWNSHIP:** 51 / **RANGE:** 16

ESTIMATED COST: \$217,340.00 **FUNDING SOURCE:** GRIP

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$217,340.00	\$0.00	\$0.00	\$0.00	\$217,340.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 185317 - CP 0696-185317 - Bridge Construction - CR 696

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 696 (St. Louis River) - 0.25 miles W. of the jct. with CR 893 (Stark Jct. 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 #: 185317 **STATE PROJECT #:** CP 0696-185317 **ROAD #:** CR 696

ROAD NAME: St. Louis River **BRIDGE #:** 123 **SECTION:** 6 / **TOWNSHIP:** 49 / **RANGE:** 15

ESTIMATED COST: \$587,568.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$197,186.00	\$0.00	\$0.00	\$390,382.00	\$587,568.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153301 - CP 0755-153301(T3) - Reclaim - CR 755

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

PROJECT PURPOSE AND JUSTIFICATION: Traffic and load capacity for the existing useage does not dictate that pavement is required.

PROJECT DESCRIPTION AND LOCATION: Reclaim - CR 755 (N. Ramshaw Rd.) - CSAH 7 to Gravel

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

EFFECT ON OPERATING BUDGET: Substantial reduction in capital improvement costs. Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 153301 STATE PROJECT #: CP 0755-153301(T3) ROAD #: CR 755

ROAD NAME: N. Ramshaw Rd. BRIDGE #: NA SECTION: 14 / TOWNSHIP: 57 / RANGE: 18

ESTIMATED COST: \$89,207.17 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$89,207.17	\$0.00	\$0.00	\$0.00	\$89,207.17	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153300 - CP 0776-153300(T3) - Reclaim & Overlay - CR 776

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 776 (Old Mesabe Rd.) - CSAH 7 to CR 329

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153300 **STATE PROJECT #:** CP 0776-153300(T3) **ROAD #:** CR 776

ROAD NAME: Old Mesabe Rd. **BRIDGE #:** NA **SECTION:** 14 / **TOWNSHIP:** 57 / **RANGE:** 18

ESTIMATED COST: \$381,375.88 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$381,375.88	\$0.00	\$0.00	\$0.00	\$381,375.88	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 158301 - CP 0834-158301 - Bridge Construction - CR 834

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 834 (Loop Rd.) - CR 834 OVER EAST SAVANNA RIVER 0.25 mi. S. of CR 837

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 #: 158301 **STATE PROJECT #:** CP 0834-158301 **ROAD #:** CR 834

ROAD NAME: Loop Rd. **BRIDGE #:** 161 **SECTION:** 16 / **TOWNSHIP:** 51 / **RANGE:** 21

ESTIMATED COST: \$690,778.00 **FUNDING SOURCE:** Br. Bond

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$144,567.00	\$0.00	\$546,211.00	\$0.00	\$690,778.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 94662 - CP 0898-94662 - Reclaim & Overlay - CR 898

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 898 (Lindahl Rd.) - CSAH 73 (Old Hwy. 61) to CSAH 19 (St. Louis River Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 94662 **STATE PROJECT #:** CP 0898-94662 **ROAD #:** CR 898

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

ESTIMATED COST: \$813,610.18 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$813,610.18	\$0.00	\$0.00	\$0.00	\$813,610.18	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 214016 - CP 0923-214016 - Culvert Replacement - CR 923

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Culvert Replacement - CR 923 (Leander Rd.) - CR 923 (Leander Rd.) .3 mi. E. of CSAH 107

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 #: 214016 **STATE PROJECT #:** CP 0923-214016 **ROAD #:** CR 923

ROAD NAME: Leander Rd. **BRIDGE #:** NA **SECTION:** 31 / **TOWNSHIP:** 62 / **RANGE:** 20

ESTIMATED COST: \$31,042.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$31,042.00	\$0.00	\$0.00	\$0.00	\$31,042.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 214017 - CP 0923-214017 - Culvert Replacement - CR 923

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: Culvert Replacement - CR 923 (Leander Rd.) - CR 923 (Leander Rd.) .7 mi. E. of CSAH 107

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 #: 214017 **STATE PROJECT #:** CP 0923-214017 **ROAD #:** CR 923

ROAD NAME: Leander Rd. **BRIDGE #:** NA **SECTION:** 31 / **TOWNSHIP:** 62 / **RANGE:** 20

ESTIMATED COST: \$31,919.70 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$31,919.70	\$0.00	\$0.00	\$0.00	\$31,919.70	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153289 - CP 0929-153289 (T4) - Reclaim & Overlay - CR 929

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 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 #: 153289 **STATE PROJECT #:** CP 0929-153289 (T4) **ROAD #:** CR 929

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

ESTIMATED COST: \$445,796.26 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$445,796.26	\$0.00	\$0.00	\$0.00	\$445,796.26	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 204807 - CP 0989-204807 (A9) - GRIP - CR 989

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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

PROJECT DESCRIPTION AND LOCATION: GRIP - CR 989 (Walsh Rd.) - 2014 GRIP N. CR 989(Walsh Rd) 2 mi S to 1.6 mi S of CSAH 128(Bear Head St Pk Rd)

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

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

PROJECT INFORMATION

COUNTY PROJECT #: 204807 **STATE PROJECT #:** CP 0989-204807 (A9) **ROAD #:** CR 989

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

ESTIMATED COST: \$38,905.75 **FUNDING SOURCE:** GRIP

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$38,905.75	\$0.00	\$0.00	\$0.00	\$38,905.75	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 205834 - CP 8102-205834(FS) - Bridge Construction - UT 8102

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 8102 (Peel Rd.) - UT 8102 (Peel Rd.) .25 mi. W. of Jct CSAH 65 to .35 mi. W. of Jct. 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 #: 205834 **STATE PROJECT #:** CP 8102-205834(FS) **ROAD #:** UT 8102

ROAD NAME: Peel Rd. **BRIDGE #:** 797 **SECTION:** 21 / **TOWNSHIP:** 60 / **RANGE:** 18

ESTIMATED COST: \$175,000.00 **FUNDING SOURCE:** Unorg. Twp.

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$0.00	\$175,000.00	\$175,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 128464 - CP 8109-128464 - Bridge Construction - UT 8109

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 8109 (N. Rangeline Rd) - 0.25 mi. S. of Jct CSAH 74 to 0.35 mi. S. of Jct CSAH 74

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 128464 **STATE PROJECT #:** CP 8109-128464 **ROAD #:** UT 8109

ROAD NAME: N. Rangeline Rd **BRIDGE #:** 707 **SECTION:** 7 / **TOWNSHIP:** 63 / **RANGE:** 20

ESTIMATED COST: \$827,713.27 **FUNDING SOURCE:** Unorg. Twp.

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$0.00	\$827,713.27	\$827,713.27	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 128463 - CP 9111-128463 (FS) - Bridge Construction - UT 9111

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 9111 (S. Townline Rd.) - 3.65 mi. E. of Jct TH 73 to 3.75 mi. E. of Jct TH 73

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 128463 **STATE PROJECT #:** CP 9111-128463 (FS) **ROAD #:** UT 9111

ROAD NAME: S. Townline Rd. **BRIDGE #:** 596 **SECTION:** 36 / **TOWNSHIP:** 56 / **RANGE:** 21

ESTIMATED COST: \$250,000.00 **FUNDING SOURCE:** Town Bridge

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$240,000.00	\$10,000.00	\$250,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 128459 - CP 9111-128459 (FS) - Bridge Construction - UT 9111

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2014

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 9111 (S. Townline Rd.) - 3.5 mi. E. of Jct TH 73 to 3.6 mi. E. of Jct TH 73 over West Swan River

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 128459 **STATE PROJECT #:** CP 9111-128459 (FS) **ROAD #:** UT 9111

ROAD NAME: S. Townline Rd. **BRIDGE #:** 118 **SECTION:** 36 / **TOWNSHIP:** 56 / **RANGE:** 21

ESTIMATED COST: \$250,000.00 **FUNDING SOURCE:** Town Bridge

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$240,000.00	\$10,000.00	\$250,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235367 - CP 0000-235367 - Crack Sealing -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Crack Sealing - () - Certain designated CSAH's and County Roads

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 235367 **STATE PROJECT #:** CP 0000-235367 **ROAD #:**

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

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187068 - CP 0000-187068 - Dynamic Warning System -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

PROJECT PURPOSE AND JUSTIFICATION: To improve safety on road system.

PROJECT DESCRIPTION AND LOCATION: Dynamic Warning System - () - Various location in St. Louis County

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187068 STATE PROJECT #: CP 0000-187068 ROAD #:

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

ESTIMATED COST: \$135,001.00 FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$13,501.00	\$0.00	\$121,500.00	\$0.00	\$135,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP ???? - GRIP -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: GRIP - () - Various locations in St. Louis County

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

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

PROJECT INFORMATION

COUNTY PROJECT #: ???? STATE PROJECT #: CP ???? ROAD #:

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

ESTIMATED COST: \$540,001.00 FUNDING SOURCE: GRIP

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$540,001.00	\$0.00	\$0.00	\$0.00	\$540,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187066 - CP 0000-187066 - Intersection Lighting -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Intersection Lighting - () - Various location in St. Louis County

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187066 STATE PROJECT #: CP 0000-187066 ROAD #:

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

ESTIMATED COST: \$130,001.00 FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$13,001.00	\$0.00	\$117,000.00	\$0.00	\$130,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187067 - CP 0000-187067 - Intersection Pavement Markings -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Intersection Pavement Markings - () - Various location in St. Louis County

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187067 **STATE PROJECT #:** CP 0000-187067 **ROAD #:**

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

ESTIMATED COST: \$116,001.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$11,601.00	\$0.00	\$104,400.00	\$0.00	\$116,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 213214 - CP 0000-213214 - Ped/Bike Trail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 128 (Bearhead State Park Rd.) to Camp Lake Rd.

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

EFFECT ON OPERATING BUDGET: No effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 213214 **STATE PROJECT #:** CP 0000-213214 **ROAD #:**

ROAD NAME: **BRIDGE #:** NA **SECTION:** 20 / **TOWNSHIP:** 62 / **RANGE:** 4

ESTIMATED COST: \$1,000,000.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$0.00	\$1,000,000.00	\$1,000,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187064 - CP 0000-187064 - Rumble Strips -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 location in St. Louis County

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

EFFECT ON OPERATING BUDGET: 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 #: 187064 STATE PROJECT #: CP 0000-187064 ROAD #:

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

ESTIMATED COST: \$105,001.00

FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$10,501.00	\$0.00	\$94,500.00	\$0.00	\$105,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187063 - CP 0000-187063 - Signing -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

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

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187063 **STATE PROJECT #:** CP 0000-187063 **ROAD #:**

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

ESTIMATED COST: \$309,001.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$23,401.00	\$0.00	\$210,600.00	\$75,000.00	\$309,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187078 - CP 0000-187078 - Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

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

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187078 STATE PROJECT #: CP 0000-187078 ROAD #:

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

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$100,001.00	\$0.00	\$100,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153440 - CP 0004-153440 - Chip Seal - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Chip Seal - CSAH 4 (CSAH 4) - CSAH 111 to mile point 59

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153440 **STATE PROJECT #:** CP 0004-153440 **ROAD #:** CSAH 4

ROAD NAME: CSAH 4 **BRIDGE #:** Test **SECTION:** 19 / **TOWNSHIP:** 57 / **RANGE:** 15

ESTIMATED COST: \$197,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$197,001.00	\$0.00	\$197,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235369 - CP 0006-235369 - RR Xing Improvement - CSAH 6

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety of the railroad/highway grade crossing.

PROJECT DESCRIPTION AND LOCATION: RR Xing Improvement - CSAH 6 (Maple Grove Rd.) - DM&IR RR Xing 0.75 miles W. of TH #2, USDOT #251912C in Solway Twp.

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

EFFECT ON OPERATING BUDGET: New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

PROJECT INFORMATION

COUNTY PROJECT #: 235369 **STATE PROJECT #:** CP 0006-235369 **ROAD #:** CSAH 6

ROAD NAME: Maple Grove Rd. **BRIDGE #:** NA **SECTION:** 17 / **TOWNSHIP:** 50 / **RANGE:** 16

ESTIMATED COST: \$275,001.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$275,001.00	\$0.00	\$275,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153439 - CP 0007-153439 - Chip Seal - CSAH 7

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Chip Seal - CSAH 7 (Hwy. #7) - CSAH 52 to CSAH 16

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153439 STATE PROJECT #: CP 0007-153439 ROAD #: CSAH 7

ROAD NAME: Hwy. #7 BRIDGE #: NA SECTION: 22 / TOWNSHIP: 55 / RANGE: 18

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$350,001.00	\$0.00	\$350,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97090 - CP 0007-97090 - RR Xing Improvement - CSAH 7

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety of the railroad/highway grade crossing.

PROJECT DESCRIPTION AND LOCATION: RR Xing Improvement - CSAH 7 (Hwy. #7) - CN RR Xing at the intersection of CSAH 101, USDOT #252070K near Mountain Iron

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 #: 97090	STATE PROJECT #: CP 0007-97090	ROAD #: CSAH 7
ROAD NAME: Hwy. #7	BRIDGE #: NA	SECTION: 35 / TOWNSHIP: 58 / RANGE: 18
ESTIMATED COST: \$350,001.00	FUNDING SOURCE: Federal	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$350,001.00	\$0.00	\$350,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153309 - CP 0009-153309 - Bituminous Overlay - CSAH 9

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 9 (Caribou Lake Rd) - CR 982 (Old TH 53) to E. Jct. of CR 999 (Pike Lake Rd 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 roadway in a condition acceptable to the driving public.

PROJECT INFORMATION

COUNTY PROJECT #: 153309 **STATE PROJECT #:** CP 0009-153309 **ROAD #:** CSAH 9

ROAD NAME: Caribou Lake Rd **BRIDGE #:** NA **SECTION:** 26 / **TOWNSHIP:** 51 / **RANGE:** 16

ESTIMATED COST: \$225,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$225,001.00	\$0.00	\$225,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153304 - CP 0009-153304 - Bituminous Overlay - CSAH 9

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 9 (Woodland Ave.) - Anoka Ave. to Arrowhead Road

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153304 STATE PROJECT #: CP 0009-153304 ROAD #: CSAH 9

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

ESTIMATED COST: \$176,001.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$176,001.00	\$0.00	\$176,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 126598 - CP 0009-126598 - Reclaim & Overlay - CSAH 9

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 (Martin Rd.) - CSAH 13 (Midway Rd.) to CSAH 4 (Rice Lake Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 126598 **STATE PROJECT #:** CP 0009-126598 **ROAD #:** CSAH 9

ROAD NAME: Martin Rd. **BRIDGE #:** NA **SECTION:** 29 / **TOWNSHIP:** 51 / **RANGE:** 15

ESTIMATED COST: \$3,125,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$3,125,001.00	\$0.00	\$3,125,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153307 - CP 0013-153307 - Bituminous Overlay - CSAH 13

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 13 (Midway Road) - TH 194 to TH 53

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153307 STATE PROJECT #: CP 0013-153307 ROAD #: CSAH 13

ROAD NAME: Midway Road BRIDGE #: NA SECTION: 6 / TOWNSHIP: 50 / RANGE: 15

ESTIMATED COST: \$95,001.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$95,001.00	\$0.00	\$95,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153268 - CP 0016-153268 - Bituminous Overlay - CSAH 16

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 16 (Townline Road) - CSAH 7 to TH 53

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153268 **STATE PROJECT #:** CP 0016-153268 **ROAD #:** CSAH 16

ROAD NAME: Townline Road **BRIDGE #:** NA **SECTION:** 2 / **TOWNSHIP:** 56 / **RANGE:** 18

ESTIMATED COST: \$1,190,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$1,190,001.00	\$0.00	\$1,190,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 207383 - CP 0016-207383 - Reclaim & Overlay - CSAH 16

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 16 (Townline 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 highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

PROJECT INFORMATION

COUNTY PROJECT #: 207383 **STATE PROJECT #:** CP 0016-207383 **ROAD #:** CSAH 16

ROAD NAME: Townline Rd **BRIDGE #:** NA **SECTION:** 6 / **TOWNSHIP:** 56 / **RANGE:** 19

ESTIMATED COST: \$1,982,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$1,982,001.00	\$0.00	\$1,982,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153314 - CP 0022-153314 - Chip Seal - CSAH 22

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 22 (Hwy 22) - CR 912 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 #: 153314	STATE PROJECT #: CP 0022-153314	ROAD #: CSAH 22
ROAD NAME: Hwy 22	BRIDGE #: NA	SECTION: / TOWNSHIP: / RANGE:
ESTIMATED COST: \$50,001.00	FUNDING SOURCE: State	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$50,001.00	\$0.00	\$50,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 230031 - CP 0023-230031(LA3) - Culvert Replacement - CSAH 23

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 23 (Orr-Buyck Rd.) - CSAH 23 (Orr-Buyck Rd.) from CR 921 Lake St.) to TR 7990 (Autio 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 #: 230031 **STATE PROJECT #:** CP 0023-230031(LA3) **ROAD #:** CSAH 23

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

ESTIMATED COST: \$175,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$175,001.00	\$0.00	\$175,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 231019 - CP 0023-231019 - RR Xing Improvement - CSAH 23

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety of the railroad/highway grade crossing.

PROJECT DESCRIPTION AND LOCATION: RR Xing Improvement - CSAH 23 (Orr-Buyck Rd.) - CSAH 23 (Orr-Buyck Rd.) in Orr, 50' East of TH 53

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 #: 231019 **STATE PROJECT #:** CP 0023-231019 **ROAD #:** CSAH 23

ROAD NAME: Orr-Buyck Rd. **BRIDGE #:** NA **SECTION:** 1 / **TOWNSHIP:** 64 / **RANGE:** 20

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$40,001.00	\$0.00	\$40,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 231020 - CP 0023-231020 - Traffic Signals - CSAH 23

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Traffic Signals - CSAH 23 (Orr-Buyck Rd.) - CSAH 23 Jct. with TH 53 to 200' East

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 #: 231020 **STATE PROJECT #:** CP 0023-231020 **ROAD #:** CSAH 23

ROAD NAME: Orr-Buyck Rd. **BRIDGE #:** NA **SECTION:** 1 / **TOWNSHIP:** 64 / **RANGE:** 20

ESTIMATED COST: \$20,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$20,001.00	\$0.00	\$20,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 230032 - CP 0024-230032 (A3) - Culvert Replacement - CSAH 24

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 24 (Crane Lake Rd.) - CSAH 24 (Crane Lake Rd.) from Intersection w/ CSAH 23 to Crane Lake

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

EFFECT ON OPERATING BUDGET: A new 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 #: 230032	STATE PROJECT #: CP 0024-230032 (A3)	ROAD #: CSAH 24
ROAD NAME: Crane Lake Rd.	BRIDGE #: NA	SECTION: 9 / TOWNSHIP: 65 / RANGE: 17
ESTIMATED COST: \$400,001.00	FUNDING SOURCE: State	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216058 - CP 0024-216058 - Reclaim & Overlay - CSAH 24

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 24 (Vermilion Drive) - CR 431 (Vermilion Lake Rd) to TR 4517 (Raps 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 #: 216058 **STATE PROJECT #:** CP 0024-216058 **ROAD #:** CSAH 24

ROAD NAME: Vermilion Drive **BRIDGE #:** NA **SECTION:** 8 / **TOWNSHIP:** 63 / **RANGE:** 18

ESTIMATED COST: \$1,046,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$1,046,001.00	\$0.00	\$0.00	\$0.00	\$1,046,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 207531 - CP 0025-207531 - Reclaim & Overlay - CSAH 25

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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) - CSAH 25 (Hwy 25) from 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 #: 207531 **STATE PROJECT #:** CP 0025-207531 **ROAD #:** CSAH 25

ROAD NAME: Hwy. 25 **BRIDGE #:** NA **SECTION:** 22 / **TOWNSHIP:** 57 / **RANGE:** 19

ESTIMATED COST: \$2,275,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$2,275,001.00	\$0.00	\$2,275,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153278 - CP 0044-153278 (T2) - Chip Seal - CSAH 44

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 44 (Pequaywan Lk Rd) - 1.4 mi. N. of CR 266 (Rossini Trail) to CSAH 55

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153278 **STATE PROJECT #:** CP 0044-153278 (T2) **ROAD #:** CSAH 44

ROAD NAME: Pequaywan Lk Rd **BRIDGE #:** NA **SECTION:** 3 / **TOWNSHIP:** 55 / **RANGE:** 12

ESTIMATED COST: \$190,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$190,001.00	\$0.00	\$190,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153312 - CP 0068-153312(LA1) - Bituminous Overlay - CSAH 68

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 68 (Britt Rd) - CSAH 106 to end of bituminous pavement near CR 805

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 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 #: 153312 STATE PROJECT #: CP 0068-153312(LA1) ROAD #: CSAH 68

ROAD NAME: Britt Rd BRIDGE #: NA SECTION: 25 / TOWNSHIP: 60 / RANGE: 18

ESTIMATED COST: \$424,001.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$424,001.00	\$0.00	\$424,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 8203 - CP 0090-8203 - Reclaim & Overlay - CSAH 90

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 90 (Arlington Ave) - STH 53 (Trinity Rd.) To Arrowhead Rd.

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 8203 **STATE PROJECT #:** CP 0090-8203 **ROAD #:** CSAH 90

ROAD NAME: Arlington Ave **BRIDGE #:** NA **SECTION:** 17 / **TOWNSHIP:** 50 / **RANGE:** 14

ESTIMATED COST: \$2,000,000.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$2,000,000.00	\$0.00	\$2,000,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 225772 - CP 0103-225772 - Culvert Replacement - CSAH 103

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 103 (Mud Lake Rd.) - 1.41 Mi. E. of CSAH 102

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 #: 225772 STATE PROJECT #: CP 0103-225772 ROAD #: CSAH 103

ROAD NAME: Mud Lake Rd. BRIDGE #: NA SECTION: 14 / TOWNSHIP: 58 / RANGE: 18

ESTIMATED COST: \$42,001.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$42,001.00	\$0.00	\$0.00	\$0.00	\$42,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9546 - CP 107-9546 - Bridge Construction - CSAH 107

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 107 (Co. Br. 637) - 1.5 miles N. of Jct. with CSAH 22 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 #: 9546	STATE PROJECT #: CP 107-9546	ROAD #: CSAH 107
ROAD NAME: Co. Br. 637	BRIDGE #: 637	SECTION: 6 / TOWNSHIP: 61 / RANGE: 20
ESTIMATED COST: \$1,400,001.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$300,000.00	\$0.00	\$0.00	\$1,100,001.00	\$1,400,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 186994 - CP 0116-186994 - Bridge Construction - CSAH 116

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CSAH 116 (Echo Trail) - CSAH 116 OVER MOOSE 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 #: 186994	STATE PROJECT #: CP 0116-186994	ROAD #: CSAH 116
ROAD NAME: Echo Trail	BRIDGE #: 854	SECTION: 14 / TOWNSHIP: 65 / RANGE: 14
ESTIMATED COST: \$1,000,001.00	FUNDING SOURCE: State	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 194358 - CP 0155-194358 - Complete Rebuild - CSAH 155

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 - CSAH 155 (8th Ave. E.) - E. James St. to E. Camp St. in Ely

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 #: 194358 **STATE PROJECT #:** CP 0155-194358 **ROAD #:** CSAH 155

ROAD NAME: 8th Ave. E. **BRIDGE #:** NA **SECTION:** 34 / **TOWNSHIP:** 63 / **RANGE:** 12

ESTIMATED COST: \$1,450,000.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$1,450,000.00	\$0.00	\$1,450,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153302 - CP 0162-153302 - Bituminous Overlay - CR 162

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 **ROAD #:** CR 162

ROAD NAME: Frontage Road **BRIDGE #:** NA **SECTION:** 31 / **TOWNSHIP:** 51 / **RANGE:** 14

ESTIMATED COST: \$28,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$28,001.00	\$0.00	\$0.00	\$0.00	\$28,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 190850 - CP 0195-190850 (FS) - Bridge Construction - CR 195

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 195 (Condor Rd.) - CR 195 (Condor Rd.) .5 miles South of Jct. CSAH 133

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 190850 **STATE PROJECT #:** CP 0195-190850 (FS) **ROAD #:** CR 195

ROAD NAME: Condor Rd. **BRIDGE #:** 841 **SECTION:** 24 / **TOWNSHIP:** 53 / **RANGE:** 20

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$150,001.00	\$0.00	\$0.00	\$0.00	\$150,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153438 - CP 0251-153438 - Reclamation - CR 251

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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: Reclamation - CR 251 (Locust Rd.) - CR 277 to CSAH 44

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153438	STATE PROJECT #: CP 0251-153438	ROAD #: CR 251
ROAD NAME: Locust Rd.	BRIDGE #: NA	SECTION: 16 / TOWNSHIP: 52 / RANGE: 14
ESTIMATED COST: \$75,001.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$75,001.00	\$0.00	\$0.00	\$0.00	\$75,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 197180 - CP 0259-197180 - Culvert Replacement - CR 259

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Culvert Replacement - CR 259 (Beyer Rd.) - CR 259 (Beyer Rd.) from CSAH 4 (Rice Lake Rd) to CSAH 34 (Howard Gnesen Rd.)

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

EFFECT ON OPERATING BUDGET: A new 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 #: 197180	STATE PROJECT #: CP 0259-197180	ROAD #: CR 259
ROAD NAME: Beyer Rd.	BRIDGE #: NA	SECTION: 17 / TOWNSHIP: 51 / RANGE: 14
ESTIMATED COST: \$160,000.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$160,000.00	\$0.00	\$0.00	\$0.00	\$160,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153310 - CP 0284-153310 - Micro Surface - CR 284

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CR 284 (Ugstad Rd.) - CSAH 9 (Martin Rd.) to End

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153310 **STATE PROJECT #:** CP 0284-153310 **ROAD #:** CR 284

ROAD NAME: Ugstad Rd. **BRIDGE #:** NA **SECTION:** 28 / **TOWNSHIP:** 51 / **RANGE:** 15

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$150,001.00	\$0.00	\$0.00	\$0.00	\$150,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 189122 - CP 0294-189122 - Chip Seal - CR 294

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 294 (Pioneer Rd.) - CSAH 48 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 #: 189122	STATE PROJECT #: CP 0294-189122	ROAD #: CR 294
ROAD NAME: Pioneer Rd.	BRIDGE #: NA	SECTION: 23 / TOWNSHIP: 52 / RANGE: 15
ESTIMATED COST: \$112,001.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$112,001.00	\$0.00	\$0.00	\$0.00	\$112,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 3741 - CP 0310-3741 (FS) - Bridge Construction - CR 310

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 310 (Keenan Rd.) - CR 310 2.8 miles W. of CSAH 7 over East Two River

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 3741 **STATE PROJECT #:** CP 0310-3741 (FS) **ROAD #:** CR 310

ROAD NAME: Keenan Rd. **BRIDGE #:** 484 **SECTION:** 29 / **TOWNSHIP:** 57 / **RANGE:** 18

ESTIMATED COST: \$250,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$250,001.00	\$0.00	\$0.00	\$0.00	\$250,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153311 - CP 0411-153311 - Micro Surface - CR 411

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CR 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 highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

PROJECT INFORMATION

COUNTY PROJECT #: 153311 **STATE PROJECT #:** CP 0411-153311 **ROAD #:** CR 411

ROAD NAME: Wiseman Rd. **BRIDGE #:** NA **SECTION:** 26 / **TOWNSHIP:** 61 / **RANGE:** 16

ESTIMATED COST: \$300,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$300,001.00	\$0.00	\$0.00	\$0.00	\$300,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 189123 - CP 0692-189123 - Chip Seal - CR 692

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 692 (Lakewood Rd.) - CSAH 43 to CSAH 40

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 189123 STATE PROJECT #: CP 0692-189123 ROAD #: CR 692

ROAD NAME: Lakewood Rd. BRIDGE #: NA SECTION: 35 / TOWNSHIP: 52 / RANGE: 13

ESTIMATED COST: \$92,001.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$92,001.00	\$0.00	\$0.00	\$0.00	\$92,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153308 - CP 0694-153308 - Micro Surface - CR 694

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CR 694 (Seville Rd.) - CR 859 (Caribou Lake Rd.) to T.H. #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 #: 153308 STATE PROJECT #: CP 0694-153308 ROAD #: CR 694

ROAD NAME: Seville Rd. BRIDGE #: NA SECTION: 36 / TOWNSHIP: 51 / RANGE: 16

ESTIMATED COST: \$130,001.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$130,001.00	\$0.00	\$0.00	\$0.00	\$130,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187006 - CP 0710-187006 - Bridge Construction - CR 710

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 710 (Kleffman Rd.) - 1 miles S. of jct. with CR 464 (Day Lake Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 187006 **STATE PROJECT #:** CP 0710-187006 **ROAD #:** CR 710

ROAD NAME: Kleffman Rd. **BRIDGE #:** 851 **SECTION:** 17 / **TOWNSHIP:** 58 / **RANGE:** 21

ESTIMATED COST: \$300,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$300,001.00	\$0.00	\$0.00	\$0.00	\$300,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97031 - CP 0832-97031 - Reclaim & Overlay - CR 832

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 832 (Ash St. & 7th A) - CR 832 (Floodwood Rd.) to T.H. #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 #: 97031	STATE PROJECT #: CP 0832-97031	ROAD #: CR 832
ROAD NAME: Ash St. & 7th A	BRIDGE #: NA	SECTION: 6 / TOWNSHIP: 51 / RANGE: 20
ESTIMATED COST: \$500,001.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$200,001.00	\$0.00	\$0.00	\$300,000.00	\$500,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216038 - CP 0937-216038 - RR Xing Improvement - CR 937

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety of the railroad/highway grade crossing.

PROJECT DESCRIPTION AND LOCATION: RR Xing Improvement - CR 937 (Wood Rd.) - TH 53 to CR 505 (Winifred Rd.)

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

EFFECT ON OPERATING BUDGET: New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

PROJECT INFORMATION

COUNTY PROJECT #: 216038	STATE PROJECT #: CP 0937-216038	ROAD #: CR 937
ROAD NAME: Wood Rd.	BRIDGE #: NA	SECTION: 36 / TOWNSHIP: 63 / RANGE: 19
ESTIMATED COST: \$800,001.00	FUNDING SOURCE: CN	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$0.00	\$800,001.00	\$800,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 128462 - CP 0965-128462 - Bridge Construction - CR 965

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CR 965 (Hingeley Rd.) - CR 965 0.5 mi. N. of the jct. with CR 927 OVER WEST SWAN RIVER

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 128462	STATE PROJECT #: CP 0965-128462	ROAD #: CR 965
ROAD NAME: Hingeley Rd.	BRIDGE #: 587	SECTION: 11 / TOWNSHIP: 55 / RANGE: 20
ESTIMATED COST: \$800,001.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$200,001.00	\$0.00	\$0.00	\$600,000.00	\$800,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 215963 - CP 2903-215963 - Reconstruction - UT 2903

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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

PROJECT DESCRIPTION AND LOCATION: Reconstruction - UT 2903 (Rice Lake Dam) - CSAH 4 (Rice Lake Rd.) to CR 849 (McComber Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 215963	STATE PROJECT #: CP 2903-215963	ROAD #: UT 2903
ROAD NAME: Rice Lake Dam	BRIDGE #: NA	SECTION: 18 / TOWNSHIP: 51 / RANGE: 14
ESTIMATED COST: \$565,001.00	FUNDING SOURCE: SPRA	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$565,001.00	\$0.00	\$565,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 142843 - CP 8169-142843(A1) - Reclaim & Overlay - UT 8169

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 8169 (Milroy Rd.) - CSAH 68 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 #: 142843 **STATE PROJECT #:** CP 8169-142843(A1) **ROAD #:** UT 8169

ROAD NAME: Milroy Rd. **BRIDGE #:** NA **SECTION:** 25 / **TOWNSHIP:** 60 / **RANGE:** 18

ESTIMATED COST: \$198,001.00 **FUNDING SOURCE:** Unorg. Twp.

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$0.00	\$198,001.00	\$198,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97087 - CP 9101-97087 - RR Xing Improvement - UT 9101

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety of the railroad/highway grade crossing.

PROJECT DESCRIPTION AND LOCATION: RR Xing Improvement - UT 9101 (Savanna Rd.) - BNSF RR Xing 0.2 miles north of US #2, USDOT #097751L near Floodwood

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 #: 97087	STATE PROJECT #: CP 9101-97087	ROAD #: UT 9101
ROAD NAME: Savanna Rd.	BRIDGE #: NA	SECTION: 36 / TOWNSHIP: 52 / RANGE: 21
ESTIMATED COST: \$275,001.00	FUNDING SOURCE: Federal	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$275,001.00	\$0.00	\$275,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153305 - CP 9220-153305 - Reclaim & Overlay - UT 9220

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2015

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 9220 (Trigstad Rd.) - CSAH 4 to End (CR 560)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153305 **STATE PROJECT #:** CP 9220-153305 **ROAD #:** UT 9220

ROAD NAME: Trigstad Rd. **BRIDGE #:** NA **SECTION:** 12 / **TOWNSHIP:** 57 / **RANGE:** 16

ESTIMATED COST: \$210,001.00 **FUNDING SOURCE:** Unorg. Twp.

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$0.00	\$210,001.00	\$210,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0000-???? - Chip Seal -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Chip Seal - (Chip Seals) - 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: A new driving surface will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

PROJECT INFORMATION

COUNTY PROJECT #: ???? STATE PROJECT #: CP 0000-???? ROAD #:

ROAD NAME: Chip Seals BRIDGE #: NA SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$1,125,001.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$1,125,001.00	\$0.00	\$1,125,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Crack Sealing - () - Certain designated CSAH's and County Roads

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

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

PROJECT INFORMATION

COUNTY PROJECT #: ???? STATE PROJECT #: CP ???? ROAD #:

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

ESTIMATED COST: \$400,000.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP ???? - GRIP -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: GRIP - () - Various locations in St. Louis County

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

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

PROJECT INFORMATION

COUNTY PROJECT #: ???? STATE PROJECT #: CP ???? ROAD #:

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

ESTIMATED COST: \$540,000.00

FUNDING SOURCE: GRIP

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$540,000.00	\$0.00	\$0.00	\$0.00	\$540,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Ped/Bike Trail - () - Old Town to area S. of T.H. 169

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

EFFECT ON OPERATING BUDGET: No effect on operating budget.

PROJECT INFORMATION

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

ROAD NAME: **BRIDGE #:** NA **SECTION:** 15 / **TOWNSHIP:** 58 / **RANGE:** 18

ESTIMATED COST: \$343,201.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$274,561.00	\$68,640.00	\$343,201.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0000-???? - Striping -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

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

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: ???? STATE PROJECT #: CP 0000-???? ROAD #:

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

ESTIMATED COST: \$100,000.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$100,000.00	\$0.00	\$100,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

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

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

EFFECT ON OPERATING BUDGET: Minimal effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 187070 STATE PROJECT #: CP 0000-187070 ROAD #:

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

ESTIMATED COST: \$42,000.00 FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$4,200.00	\$0.00	\$37,800.00	\$0.00	\$42,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 187577 - CP 0004-187577 - Traffic Signals - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Traffic Signals - CSAH 4 (Rice Lake Rd.) - Intersection of CSAH 4 (Rice Lake Rd.) and CSAH 9 (Martin 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 #: 187577 STATE PROJECT #: CP 0004-187577 ROAD #: CSAH 4

ROAD NAME: Rice Lake Rd. BRIDGE #: NA SECTION: 29 / TOWNSHIP: 51 / RANGE: 14

ESTIMATED COST: \$1,000,001.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 226569 - CP 0004-226569 - Traffic Signals - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

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

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 226569 **STATE PROJECT #:** CP 0004-226569 **ROAD #:** CSAH 4

ROAD NAME: Rice Lake Rd. **BRIDGE #:** NA **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$500,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

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

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

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

PROJECT INFORMATION

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

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

ESTIMATED COST: \$9,500,001.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$6,000,001.00	\$3,500,000.00	\$9,500,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 94576 - CP 0014-94576 - Reclaim & Overlay - CSAH 14

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 14 (Thompson Hill) - CR 898(Lindahl Rd.) to Skyline 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 will reduce the amount of resources required to maintain the highway in a condition acceptable to the driving public with the goal of achieving the lowest life cycle cost.

PROJECT INFORMATION

COUNTY PROJECT #: 94576 STATE PROJECT #: CP 0014-94576 ROAD #: CSAH 14

ROAD NAME: Thompson Hill BRIDGE #: NA SECTION: 21 / TOWNSHIP: 49 / RANGE: 15

ESTIMATED COST: \$1,000,000.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$1,000,000.00	\$0.00	\$1,000,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153442 - CP 0016-153442 - Micro Surface - CSAH 16

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 16 (Town Line Rd) - CSAH 110 to Lake County Border

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153442 STATE PROJECT #: CP 0016-153442 ROAD #: CSAH 16

ROAD NAME: Town Line Rd BRIDGE #: NA SECTION: 29 / TOWNSHIP: 57 / RANGE: 12

ESTIMATED COST: \$750,001.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$750,001.00	\$0.00	\$750,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 63797 - CP 0016-63797 - Reclaim & Overlay - CSAH 16

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 16 (Town Line Rd.) - CSAH 4 to 0.55 miles E. of CR 618 (Reservoir 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 #: 63797 **STATE PROJECT #:** CP 0016-63797 **ROAD #:** CSAH 16

ROAD NAME: Town Line Rd. **BRIDGE #:** NA **SECTION:** 32 / **TOWNSHIP:** 57 / **RANGE:** 15

ESTIMATED COST: \$3,200,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$3,200,001.00	\$0.00	\$3,200,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CSAH 21 (Highway 21) - 1.1 mi N of Jct CSAH 70 over Birch 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 #: 215030 **STATE PROJECT #:** CP 0021-215030 **ROAD #:** CSAH 21

ROAD NAME: Highway 21 **BRIDGE #:** 286 **SECTION:** 27 / **TOWNSHIP:** 61 / **RANGE:** 13

ESTIMATED COST: \$800,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$800,001.00	\$0.00	\$800,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153444 - CP 0023-153444 - Bituminous Overlay - CSAH 23

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bituminous Overlay - CSAH 23 (Orr-Buyck Rd.) - Twp. 7990 (Autio Rd.) to CSAH 24

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153444 **STATE PROJECT #:** CP 0023-153444 **ROAD #:** CSAH 23

ROAD NAME: Orr-Buyck Rd. **BRIDGE #:** NA **SECTION:** 1 / **TOWNSHIP:** 64 / **RANGE:** 19

ESTIMATED COST: \$1,135,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$1,135,001.00	\$0.00	\$1,135,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 23 (Orr-Buyck Rd.) - T.H. 53 to Twp. 7990 (Autio 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 #: 72711 **STATE PROJECT #:** CP 0023-72711 **ROAD #:** CSAH 23

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

ESTIMATED COST: \$3,000,001.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$3,000,001.00	\$0.00	\$3,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216090 - CP 0024-216090 - 2" Overlay - CSAH 24

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: 2" Overlay - CSAH 24 (Crane Lake Rd.) - CSAH 23 to North Terminus (Gold Coast 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 #: 216090 **STATE PROJECT #:** CP 0024-216090 **ROAD #:** CSAH 24

ROAD NAME: Crane Lake Rd. **BRIDGE #:** NA **SECTION:** 9 / **TOWNSHIP:** 65 / **RANGE:** 17

ESTIMATED COST: \$1,500,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$1,500,001.00	\$0.00	\$0.00	\$0.00	\$1,500,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Chip Seal - CSAH 25 (Hwy 25) - CSAH 125 to CSAH 65

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153449 **STATE PROJECT #:** CP 0025-153449 **ROAD #:** CSAH 25

ROAD NAME: Hwy 25 **BRIDGE #:** NA **SECTION:** 9 / **TOWNSHIP:** 58 / **RANGE:** 19

ESTIMATED COST: \$284,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$284,000.00	\$0.00	\$0.00	\$0.00	\$284,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153443 - CP 0032-153443 - Bituminous Overlay - CSAH 32

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bituminous Overlay - CSAH 32 (Arrowhead Rd) - TH 53 to CSAH 90

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153443 STATE PROJECT #: CP 0032-153443 ROAD #: CSAH 32

ROAD NAME: Arrowhead Rd BRIDGE #: NA SECTION: 12 / TOWNSHIP: 50 / RANGE: 15

ESTIMATED COST: \$572,000.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$572,000.00	\$0.00	\$572,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153435 - CP 0044-153435 - Micro Surface - CSAH 44

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 44 (Pequaywan Lk Rd) - CR 272 (Briar Lake Rd.) to 1.483 miles N. of CR 266 (Rossini Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153435 **STATE PROJECT #:** CP 0044-153435 **ROAD #:** CSAH 44

ROAD NAME: Pequaywan Lk Rd **BRIDGE #:** NA **SECTION:** 26 / **TOWNSHIP:** 54 / **RANGE:** 13

ESTIMATED COST: \$675,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$675,001.00	\$0.00	\$675,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153441 - CP 0044-153441 - Micro Surface - CSAH 44

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 44 (Hwy. 44) - CSAH 55 to CSAH 16

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153441 **STATE PROJECT #:** CP 0044-153441 **ROAD #:** CSAH 44

ROAD NAME: Hwy. 44 **BRIDGE #:** NA **SECTION:** 4 / **TOWNSHIP:** 54 / **RANGE:** 12

ESTIMATED COST: \$560,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$560,001.00	\$0.00	\$560,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 8577 - CP 0052-8577 - RR Xing Improvement - CSAH 52

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety of the railroad/highway grade crossing.

PROJECT DESCRIPTION AND LOCATION: RR Xing Improvement - CSAH 52 (Arkola Rd.) - BNSF RR Xing 0.8 miles west of CSAH 7, USDOT #061246P

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

EFFECT ON OPERATING BUDGET: New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

PROJECT INFORMATION

COUNTY PROJECT #: 8577	STATE PROJECT #: CP 0052-8577	ROAD #: CSAH 52
ROAD NAME: Arkola Rd.	BRIDGE #: NA	SECTION: 15 / TOWNSHIP: 54 / RANGE: 18
ESTIMATED COST: \$250,000.00	FUNDING SOURCE: Federal	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$250,000.00	\$0.00	\$250,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 215031 - CP 0082-215031 - Bridge Construction - CSAH 82

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CSAH 82 (Heino Rd.) - 0.6 mi E of Jct TH 73 over Gilmore Creek

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 215031 **STATE PROJECT #:** CP 0082-215031 **ROAD #:** CSAH 82

ROAD NAME: Heino Rd. **BRIDGE #:** 645 **SECTION:** 23 / **TOWNSHIP:** 61 / **RANGE:** 20

ESTIMATED COST: \$500,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$500,001.00	\$0.00	\$500,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 190854 - CP 0098-190854 - Micro Surface - CSAH 98

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 98 (Canosia Rd.) - CSAH 98 (Canosia Rd.) from TH 194 to CSAH 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 #: 190854 **STATE PROJECT #:** CP 0098-190854 **ROAD #:** CSAH 98

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

ESTIMATED COST: \$192,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$192,001.00	\$0.00	\$192,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 176330 - CP 0110-176330 - Bridge Construction - CSAH 110

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CSAH 110 (Hwy. #110) - 0.7 MI W. OF JCT CR 633 over the Partridge 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 #: 176330 **STATE PROJECT #:** CP 0110-176330 **ROAD #:** CSAH 110

ROAD NAME: Hwy. #110 **BRIDGE #:** 488 **SECTION:** 12 / **TOWNSHIP:** 58 / **RANGE:** 15

ESTIMATED COST: \$3,032,751.00 **FUNDING SOURCE:** Br. Bond

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$3,032,751.00	\$0.00	\$3,032,751.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153277 - CP 0110-153277 - Micro Surface - CSAH 110

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Micro Surface - CSAH 110 (CSAH 110) - CSAH 16 to Hoyt Lakes City Limits

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153277 **STATE PROJECT #:** CP 0110-153277 **ROAD #:** CSAH 110

ROAD NAME: CSAH 110 **BRIDGE #:** NA **SECTION:** 32 / **TOWNSHIP:** 57 / **RANGE:** 13

ESTIMATED COST: \$354,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$354,001.00	\$0.00	\$354,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153450 - CP 0115-153450 - Chip Seal - CSAH 115

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Chip Seal - CSAH 115 (Hwy 115) - TH 53 to mile point 10

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153450 **STATE PROJECT #:** CP 0115-153450 **ROAD #:** CSAH 115

ROAD NAME: Hwy 115 **BRIDGE #:** NA **SECTION:** 8 / **TOWNSHIP:** 62 / **RANGE:** 18

ESTIMATED COST: \$246,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$246,000.00	\$0.00	\$0.00	\$0.00	\$246,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153437 - CP 0259-153437 - Reclaim & Overlay - CR 259

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CR 259 (Beyer Rd) - CR 259 (Beyer Rd.) from CSAH 4 (Rice Lake Rd) to CSAH 34 (Howard Gnesen Rd)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153437 STATE PROJECT #: CP 0259-153437 ROAD #: CR 259

ROAD NAME: Beyer Rd BRIDGE #: NA SECTION: 17 / TOWNSHIP: 51 / RANGE: 14

ESTIMATED COST: \$600,001.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$600,001.00	\$0.00	\$0.00	\$0.00	\$600,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153456 - CP 0280-153456 - Reclaim & Overlay - CR 280

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CR 280 (Riley Rd) - CR 289 (Woodland Ave.) to CR 245 (Washburn Rd)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153456	STATE PROJECT #: CP 0280-153456	ROAD #: CR 280
ROAD NAME: Riley Rd	BRIDGE #: NA	SECTION: 26 / TOWNSHIP: 51 / RANGE: 14
ESTIMATED COST: \$720,000.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$720,000.00	\$0.00	\$0.00	\$0.00	\$720,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153458 - CP 0289-153458 - Reclaim & Overlay - CR 289

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CR 289 (Woodland Ave.) - CSAH 10 (Martin Rd) to CSAH 2 (Tischer Rd)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153458 **STATE PROJECT #:** CP 0289-153458 **ROAD #:** CR 289

ROAD NAME: Woodland Ave. **BRIDGE #:** NA **SECTION:** 26 / **TOWNSHIP:** 51 / **RANGE:** 14

ESTIMATED COST: \$300,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 215028 - CP 0442-215028 - Bridge Construction - CR 442

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CR 442 (S. Townline Rd.) - 0.2 mi w of Jct CR 444 over East Swan River

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 215028 **STATE PROJECT #:** CP 0442-215028 **ROAD #:** CR 442

ROAD NAME: S. Townline Rd. **BRIDGE #:** 883 **SECTION:** 35 / **TOWNSHIP:** 56 / **RANGE:** 20

ESTIMATED COST: \$1,200,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$1,200,001.00	\$0.00	\$0.00	\$0.00	\$1,200,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 190852 - CP 0488-190852 (FS) - Bridge Construction - CR 488

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CR 488 (North Burtness) - TH 53 to CR 540 (East Olson Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 190852 **STATE PROJECT #:** CP 0488-190852 (FS) **ROAD #:** CR 488

ROAD NAME: North Burtness **BRIDGE #:** 656 **SECTION:** 3 / **TOWNSHIP:** 62 / **RANGE:** 19

ESTIMATED COST: \$350,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$350,000.00	\$0.00	\$0.00	\$0.00	\$350,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153447 - CP 0515-153447 - Reclaim & Overlay - CR 515

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CR 515 (Hitchcock Rd) - CSAH 23 to 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 #: 153447 **STATE PROJECT #:** CP 0515-153447 **ROAD #:** CR 515

ROAD NAME: Hitchcock Rd **BRIDGE #:** NA **SECTION:** 13 / **TOWNSHIP:** 64 / **RANGE:** 20

ESTIMATED COST: \$720,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$220,001.00	\$0.00	\$0.00	\$500,000.00	\$720,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153448 - CP 0516-153448 - Reclaim & Overlay - CR 516

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CR 516 (Sugar Bush Tr) - CR 515 (Hitchcock Rd) to end

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153448 **STATE PROJECT #:** CP 0516-153448 **ROAD #:** CR 516

ROAD NAME: Sugar Bush Tr **BRIDGE #:** NA **SECTION:** 11 / **TOWNSHIP:** 64 / **RANGE:** 20

ESTIMATED COST: \$168,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$168,001.00	\$0.00	\$0.00	\$0.00	\$168,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153446 - CP 0677-153446 - Reclaim & Overlay - CR 677

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CR 677 (King Rd.) - US 53 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 #: 153446 **STATE PROJECT #:** CP 0677-153446 **ROAD #:** CR 677

ROAD NAME: King Rd. **BRIDGE #:** NA **SECTION:** 32 / **TOWNSHIP:** 65 / **RANGE:** 19

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$150,001.00	\$0.00	\$0.00	\$0.00	\$150,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235370 - CP 0776-235370 - RR Xing Improvement - CR 776

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety of the railroad/highway grade crossing.

PROJECT DESCRIPTION AND LOCATION: RR Xing Improvement - CR 776 (Old Mesabe Rd.) - CN RR Xing 0.75 mi. E. of CSAH 7, USDOT #260124J S. of Leonidas

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

EFFECT ON OPERATING BUDGET: New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

PROJECT INFORMATION

COUNTY PROJECT #: 235370	STATE PROJECT #: CP 0776-235370	ROAD #: CR 776
ROAD NAME: Old Mesabe Rd.	BRIDGE #: NA	SECTION: 14 / TOWNSHIP: 57 / RANGE: 18
ESTIMATED COST: \$250,000.00	FUNDING SOURCE: Federal	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$250,000.00	\$0.00	\$250,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235371 - CP 0894-235371 - RR Xing Improvement - CR 894

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

PROJECT PURPOSE AND JUSTIFICATION: To improve the safety of the railroad/highway grade crossing.

PROJECT DESCRIPTION AND LOCATION: RR Xing Improvement - CR 894 (Stark Rd.) - CN RR Xing 0.5 mi. W. Of CSAH 13, USDOT #251852V in Midway Twp.

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

EFFECT ON OPERATING BUDGET: New warning devices are installed with the intent of preventing accidents, reducing the amount of resources required to respond to these incidents.

PROJECT INFORMATION

COUNTY PROJECT #: 235371 **STATE PROJECT #:** CP 0894-235371 **ROAD #:** CR 894

ROAD NAME: Stark Rd. **BRIDGE #:** NA **SECTION:** 7 / **TOWNSHIP:** 49 / **RANGE:** 15

ESTIMATED COST: \$250,000.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$250,000.00	\$0.00	\$250,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 190853 - CP 0916-190853 (FS) - Bridge Construction - CR 916

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CR 916 (Itasca Rd.) - .5 miles South of CSAH 22 to TH 1

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 190853	STATE PROJECT #: CP 0916-190853 (FS)	ROAD #: CR 916
ROAD NAME: Itasca Rd.	BRIDGE #: 663	SECTION: 19 / TOWNSHIP: 62 / RANGE: 21
ESTIMATED COST: \$400,000.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153445 - CP 0961-153445 - Bituminous Overlay - CR 961

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bituminous Overlay - CR 961 (Lake St.) - CSAH 23 to US 53

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153445 **STATE PROJECT #:** CP 0961-153445 **ROAD #:** CR 961

ROAD NAME: Lake St. **BRIDGE #:** NA **SECTION:** 32 / **TOWNSHIP:** 65 / **RANGE:** 19

ESTIMATED COST: \$84,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$84,001.00	\$0.00	\$0.00	\$0.00	\$84,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 215029 - CP 7826-215029 (FS) - Bridge Construction - UT 7826

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - UT 7826 (N. Long Lake Rd) - 0.1 mi E of Jct Dewey Lake Park Ln outlet to Long 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 #: 215029 **STATE PROJECT #:** CP 7826-215029 (FS) **ROAD #:** UT 7826

ROAD NAME: N. Long Lake Rd **BRIDGE #:** 735 **SECTION:** 18 / **TOWNSHIP:** 59 / **RANGE:** 20

ESTIMATED COST: \$350,001.00 **FUNDING SOURCE:** Town Bridge

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$340,001.00	\$10,000.00	\$350,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 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: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - UT 8110 (Old CR 361) - .15 mi So of CSAH 115 over Little Fork River

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 1753 **STATE PROJECT #:** CP 8110-1753 **ROAD #:** UT 8110

ROAD NAME: Old CR 361 **BRIDGE #:** 373 **SECTION:** 20 / **TOWNSHIP:** 62 / **RANGE:** 17

ESTIMATED COST: \$800,001.00 **FUNDING SOURCE:** Town Bridge

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$790,001.00	\$10,000.00	\$800,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 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: 2016

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - UT 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	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$0.00	\$537,001.00	\$537,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 204369 - CP 0000-204369 - Bridge Construction -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - (Pine Street) - South of Int. Pine St. & 2nd St. in Tower, MN

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 204369 **STATE PROJECT #:** CP 0000-204369 **ROAD #:**

ROAD NAME: Pine Street **BRIDGE #:** 48 **SECTION: / TOWNSHIP: / RANGE:**

ESTIMATED COST: \$1,000,000.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$800,000.00	\$200,000.00	\$1,000,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - Chip Seals - Chip Seal -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Chip Seal - () - Chip Seals - Various County Roads within St. Louis County

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

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

PROJECT INFORMATION

COUNTY PROJECT #: ???? **STATE PROJECT #:** Chip Seals **ROAD #:**

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

ESTIMATED COST: \$3,000,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$475,001.00	\$0.00	\$2,525,000.00	\$0.00	\$3,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Crack Sealing - () - Certain designated CSAH's and County Roads

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

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

PROJECT INFORMATION

COUNTY PROJECT #: ???? **STATE PROJECT #:** CP ???? **ROAD #:**

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

ESTIMATED COST: \$400,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP ???? - GRIP -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: GRIP - () - Various locations in St. Louis County

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

EFFECT ON OPERATING BUDGET: These projects should reduce the frequency of maintenance blading and extend the time between re-graveling operations.

PROJECT INFORMATION

COUNTY PROJECT #: ???? STATE PROJECT #: CP ???? ROAD #:

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

ESTIMATED COST: \$540,001.00 FUNDING SOURCE: GRIP

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$540,001.00	\$0.00	\$0.00	\$0.00	\$540,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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 128 to Camp Lake Rd.

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

EFFECT ON OPERATING BUDGET: No effect on operating budget.

PROJECT INFORMATION

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

ROAD NAME: **BRIDGE #:** NA **SECTION:** 15 / **TOWNSHIP:** 62 / **RANGE:** 14

ESTIMATED COST: \$923,001.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$0.00	\$923,001.00	\$923,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 136147 - CP 0004-136147 - Ped/Bike Trail - CSAH 4

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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 4 (Rice Lake Rd.) - CSAH 4 (Rice Lake Road) from Central Entrance to Arrowhead Road

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

EFFECT ON OPERATING BUDGET: No effect on operating budget.

PROJECT INFORMATION

COUNTY PROJECT #: 136147 **STATE PROJECT #:** CP 0004-136147 **ROAD #:** CSAH 4

ROAD NAME: Rice Lake Rd. **BRIDGE #:** NA **SECTION:** 22 / **TOWNSHIP:** 50 / **RANGE:** 14

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$400,001.00	\$0.00	\$400,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 204368 - CP 0005-204368 - Bridge Construction - CSAH 5

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CSAH 5 (Highway 5) - CSAH 5 (Hwy 5), 0.4 to 0.65 mi. w. of CR 501 over Bearskin River

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 204368	STATE PROJECT #: CP 0005-204368	ROAD #: CSAH 5
ROAD NAME: Highway 5	BRIDGE #: 698	SECTION: 29 / TOWNSHIP: 62 / RANGE: 21
ESTIMATED COST: \$2,000,000.00	FUNDING SOURCE: Federal	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$2,000,000.00	\$0.00	\$2,000,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153313 - CP 0022-153313 - Mill & Overlay - CSAH 22

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Mill & Overlay - CSAH 22 (Hwy 22) - CSAH 5 to T.H. #73 & CR 668 to CR 912

ATTACHMENTS PREPARED: See attached maps series titled "St. Louis County 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 #: 153313 STATE PROJECT #: CP 0022-153313 ROAD #: CSAH 22

ROAD NAME: Hwy 22 BRIDGE #: NA SECTION: 10 / TOWNSHIP: 61 / RANGE: 21

ESTIMATED COST: \$990,001.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$990,001.00	\$0.00	\$990,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9313 - CP 0022-9313 - Reclaim & Overlay - CSAH 22

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 22 (Hwy 22) - Itasca County Line to CSAH 5

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 9313 **STATE PROJECT #:** CP 0022-9313 **ROAD #:** CSAH 22

ROAD NAME: Hwy 22 **BRIDGE #:** NA **SECTION:** 18 / **TOWNSHIP:** 61 / **RANGE:** 21

ESTIMATED COST: \$1,410,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$1,410,001.00	\$0.00	\$0.00	\$0.00	\$1,410,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 229056 - CP 0024-229056 - Bridge Construction - CSAH 24

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CSAH 24 (Kallio Rd.) - .65 Mi. West of Jct. CR 422 to .55 Mi. West of Jct. CR 422

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 229056 **STATE PROJECT #:** CP 0024-229056 **ROAD #:** CSAH 24

ROAD NAME: Kallio Rd. **BRIDGE #:** 361 **SECTION:** 27 / **TOWNSHIP:** 64 / **RANGE:** 17

ESTIMATED COST: \$1,000,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153455 - CP 0052-153455 - Reclaim & Overlay - CSAH 52

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 52 (Arkola Rd) - 0.3 miles west of CSAH 7 to TH 53

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153455 **STATE PROJECT #:** CP 0052-153455 **ROAD #:** CSAH 52

ROAD NAME: Arkola Rd **BRIDGE #:** NA **SECTION:** 11 / **TOWNSHIP:** 54 / **RANGE:** 18

ESTIMATED COST: \$1,830,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$1,830,000.00	\$0.00	\$0.00	\$0.00	\$1,830,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9577 - CP 0088-9577 - Bridge Construction - CSAH 88

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CSAH 88 (Co.Br. 336) - Over Burntside River - Going to raise bridge

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 9577 **STATE PROJECT #:** CP 0088-9577 **ROAD #:** CSAH 88

ROAD NAME: Co.Br. 336 **BRIDGE #:** 336 **SECTION:** 26 / **TOWNSHIP:** 63 / **RANGE:** 13

ESTIMATED COST: \$2,000,001.00 **FUNDING SOURCE:** Br. Bond

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$2,000,001.00	\$0.00	\$2,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216092 - CP 0122-216092 (LA) - Reclaim & Overlay - CSAH 122

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 122 (Gamma Rd.) - TH 53 to end of CSAH 122 (Gamma Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 216092 **STATE PROJECT #:** CP 0122-216092 (LA) **ROAD #:** CSAH 122

ROAD NAME: Gamma Rd. **BRIDGE #:** NA **SECTION:** 4 / **TOWNSHIP:** 68 / **RANGE:** 21

ESTIMATED COST: \$2,000,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$2,000,001.00	\$0.00	\$2,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216096 - CP 0123-216096 (A1) - Reclaim & Overlay - CSAH 123

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 123 (Gappa Rd.) - CSAH 122 (Gamma Rd.) to CSAH 122 (Gamma Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 216096 **STATE PROJECT #:** CP 0123-216096 (A1) **ROAD #:** CSAH 123

ROAD NAME: Gappa Rd. **BRIDGE #:** NA **SECTION:** 33 / **TOWNSHIP:** 69 / **RANGE:** 21

ESTIMATED COST: \$1,000,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216097 - CP 0129-216097 (A1) - 2" Overlay - CSAH 129

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: 2" Overlay - CSAH 129 (Ash River Trail) - TH 53 to East Terminus

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 216097 **STATE PROJECT #:** CP 0129-216097 (A1) **ROAD #:** CSAH 129

ROAD NAME: Ash River Trail **BRIDGE #:** NA **SECTION:** 14 / **TOWNSHIP:** 68 / **RANGE:** 21

ESTIMATED COST: \$1,500,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$1,500,001.00	\$0.00	\$1,500,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 229632 - CP 0442-229632(FS) - Bridge Construction - CR 442

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CR 442 (S. Townline Rd.) - CR 442 (S. Townline Rd.) from 2.65 Mi. W. of Jct CR 965 to 2.55 Mi. W. of 965

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 229632 **STATE PROJECT #:** CP 0442-229632(FS) **ROAD #:** CR 442

ROAD NAME: S. Townline Rd. **BRIDGE #:** 859 **SECTION:** 32 / **TOWNSHIP:** 56 / **RANGE:** 20

ESTIMATED COST: \$300,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$300,001.00	\$0.00	\$0.00	\$0.00	\$300,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 229622 - CP 0453-229622 (FS) - Bridge Construction - CR 453

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

PROJECT PURPOSE AND JUSTIFICATION: To preserve and protect the investment in our county highway infrastructure. 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 453 (White Rd.) - CR 453 (White Rd.) from .35 Mi. South of Jct CR 592 to .25 Mi. S. of Jct CR 592

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 #: 229622 **STATE PROJECT #:** CP 0453-229622 (FS) **ROAD #:** CR 453

ROAD NAME: White Rd. **BRIDGE #:** 607 **SECTION:** 16 / **TOWNSHIP:** 57 / **RANGE:** 19

ESTIMATED COST: \$500,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$500,001.00	\$0.00	\$0.00	\$0.00	\$500,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 229623 - CP 0461-229623 (FS) - Bridge Construction - CR 461

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CR 461 (Osborn Rd.) - CR 461 (Osborn Rd.) from .65 Mi. West of Jct CR 422 to .55 Mi. W. of Jct CR 422

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 #: 229623 **STATE PROJECT #:** CP 0461-229623 (FS) **ROAD #:** CR 461

ROAD NAME: Osborn Rd. **BRIDGE #:** 624 **SECTION:** 35 / **TOWNSHIP:** 60 / **RANGE:** 19

ESTIMATED COST: \$300,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$300,001.00	\$0.00	\$0.00	\$0.00	\$300,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216098 - CP 0523-216098 (A1) - Reclaim & Overlay - CR 523

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CR 523 (Burma Rd.) - CSAH 123 (Gappa Rd.) to End

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 216098 STATE PROJECT #: CP 0523-216098 (A1) ROAD #: CR 523

ROAD NAME: Burma Rd. BRIDGE #: NA SECTION: 27 / TOWNSHIP: 69 / RANGE: 21

ESTIMATED COST: \$93,001.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$93,001.00	\$0.00	\$0.00	\$0.00	\$93,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216099 - CP 0673-216099 (A1) - Reclaim & Overlay - CR 673

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CR 673 (Gamma Rd.) - CSAH 122 (Waltz Rd.) to End

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 216099 **STATE PROJECT #:** CP 0673-216099 (A1) **ROAD #:** CR 673

ROAD NAME: Gamma Rd. **BRIDGE #:** NA **SECTION:** 7 / **TOWNSHIP:** 69 / **RANGE:** 21

ESTIMATED COST: \$81,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$81,001.00	\$0.00	\$0.00	\$0.00	\$81,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 229625 - CP 0769-229625 - Bridge Construction - CR 769

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - CR 769 (Willow River Rd) - 1.05 Mi. S. of Jct. CSAH 74 to .95 Mi. S. of Jct CSAH 74

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 229625 STATE PROJECT #: CP 0769-229625 ROAD #: CR 769

ROAD NAME: Willow River Rd BRIDGE #: 709 SECTION: 13 / TOWNSHIP: 63 / RANGE: 20

ESTIMATED COST: \$500,001.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$500,001.00	\$0.00	\$0.00	\$0.00	\$500,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 229626 - CP 9204-229626 (FS) - Bridge Construction - UT 9204

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Bridge Construction - UT 9204 (Blais Rd.) - UT 9204 (Blaid Rd.) from .95 Mi. N. of Jct CSAH 4 to 1.05 Mi. N. of Jct CSAH 4

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 229626 **STATE PROJECT #:** CP 9204-229626 (FS) **ROAD #:** UT 9204

ROAD NAME: Blais Rd. **BRIDGE #:** 791 **SECTION:** 2 / **TOWNSHIP:** 55 / **RANGE:** 15

ESTIMATED COST: \$500,001.00 **FUNDING SOURCE:** Town Bridge

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$490,001.00	\$10,000.00	\$500,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97115 - CP 0000-97115 - Guard Rail -

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 protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - () - Various locations in north St. Louis County

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 97115 **STATE PROJECT #:** CP 0000-97115 **ROAD #:**

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

ESTIMATED COST: \$200,000.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$0.00	\$0.00	\$200,000.00	\$0.00	\$200,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - CP 0000-???? - Guard Rail -

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 protecting vehicles from hazardous objects through the installation of guardrail.

PROJECT DESCRIPTION AND LOCATION: Guard Rail - () - Various locations in south St. Louis County

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

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

PROJECT INFORMATION

COUNTY PROJECT #: ????

STATE PROJECT #: CP 0000-????

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$200,000.00

FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$0.00	\$0.00	\$200,000.00	\$0.00	\$200,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216102 - CP 0003-216102 - 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 13 (Midway Rd.) to Carlton County Line

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 216102	STATE PROJECT #: CP 0003-216102	ROAD #: CSAH 3
ROAD NAME: Becks Rd.	BRIDGE #: NA	SECTION: 30 / TOWNSHIP: 49 / RANGE: 15
ESTIMATED COST: \$825,001.00	FUNDING SOURCE: Local	

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$825,001.00	\$0.00	\$0.00	\$0.00	\$825,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

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

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 4 (Vermilion Trail) - CR 274 (Thompson Lake Rd.) to Marshall Truck Trail

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 216101 **STATE PROJECT #:** CP 0004-216101 **ROAD #:** CSAH 4

ROAD NAME: Vermilion Trail **BRIDGE #:** NA **SECTION:** 28 / **TOWNSHIP:** 53 / **RANGE:** 14

ESTIMATED COST: \$3,800,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$0.00	\$0.00	\$3,800,001.00	\$0.00	\$3,800,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 208919 - CP 0007-208919 - Reclaim & Overlay - CSAH 7

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 7 (Hwy 7) - CSAH 7 (Hwy 7) from W. Jct. CSAH 47 to CSAH 133

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 208919 **STATE PROJECT #:** CP 0007-208919 **ROAD #:** CSAH 7

ROAD NAME: Hwy 7 **BRIDGE #:** NA **SECTION:** 24 / **TOWNSHIP:** 52 / **RANGE:** 18

ESTIMATED COST: \$2,875,001.00 **FUNDING SOURCE:** Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$0.00	\$0.00	\$2,875,001.00	\$0.00	\$2,875,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 152251 - CP 0013-152251 - Chip Seal - CSAH 13

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 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 13 (Midway Rd.) - 150' North of CSAH 14 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 #: 152251 **STATE PROJECT #:** CP 0013-152251 **ROAD #:** CSAH 13

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

ESTIMATED COST: \$800,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$800,000.00	\$0.00	\$0.00	\$0.00	\$800,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 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: \$1,200,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$0.00	\$0.00	\$1,200,001.00	\$0.00	\$1,200,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 155244 - CP 0055-155244 - 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 **ROAD #:** CSAH 55

ROAD NAME: Two Harbors Rd. **BRIDGE #:** NA **SECTION:** 10 / **TOWNSHIP:** 55 / **RANGE:** 12

ESTIMATED COST: \$900,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$900,001.00	\$0.00	\$0.00	\$0.00	\$900,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 229537 - CP 0059-229537 - Bridge Construction - CSAH 59

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 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 59 (Melrude Rd.) - .55 Mi. North of TR 6630 (Cemetary Rd.) to .65 Mi. N. of TR 6630

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 229537 **STATE PROJECT #:** CP 0059-229537 **ROAD #:** CSAH 59

ROAD NAME: Melrude Rd. **BRIDGE #:** 388 **SECTION:** 18 / **TOWNSHIP:** 55 / **RANGE:** 18

ESTIMATED COST: \$1,000,001.00 **FUNDING SOURCE:** State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235519 - CP 0074-235519 - Culvert Replacement - CSAH 74

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2018

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

PROJECT DESCRIPTION AND LOCATION: Culvert Replacement - CSAH 74 (Willow River Rd) - CSAH 74 (Willow River Rd.) approx. 1.5 mi. NW of Jct CSAH 75

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 235519 **STATE PROJECT #:** CP 0074-235519 **ROAD #:** CSAH 74

ROAD NAME: Willow River Rd **BRIDGE #:** NA **SECTION:** 4 / **TOWNSHIP:** 63 / **RANGE:** 21

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$0.00	\$0.00	\$750,001.00	\$0.00	\$750,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 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: 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 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	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$0.00	\$0.00	\$1,000,001.00	\$0.00	\$1,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235500 - CP 0392-235500 (FS) - Bridge Construction - CR 392

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 392 (Judd Rd.) - .5 miles E. of Jct. of CSAH 20 on CR 392 (Judd Rd.) over Embarrass River

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 235500 **STATE PROJECT #:** CP 0392-235500 (FS) **ROAD #:** CR 392

ROAD NAME: Judd Rd. **BRIDGE #:** 494 **SECTION:** 33 / **TOWNSHIP:** 58 / **RANGE:** 16

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$150,001.00	\$0.00	\$0.00	\$0.00	\$150,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235510 - CP 0409-235510 (FS) - Bridge Construction - CR 409

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 409 (Rivers Rd.) - .4 miles W. of Jct. TH 135 on CR 409 (Rivers Rd.) over West Two River

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 235510 **STATE PROJECT #:** CP 0409-235510 (FS) **ROAD #:** CR 409

ROAD NAME: Rivers Rd. **BRIDGE #:** 358 **SECTION:** 8 / **TOWNSHIP:** 61 / **RANGE:** 15

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$150,001.00	\$0.00	\$0.00	\$0.00	\$150,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153451 - CP 0447-153451 - Reclaim & Overlay - CR 447

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 447 (Tamminen Rd) - TH 37 to CR 452

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153451 **STATE PROJECT #:** CP 0447-153451 **ROAD #:** CR 447

ROAD NAME: Tamminen Rd **BRIDGE #:** NA **SECTION:** 23 / **TOWNSHIP:** 57 / **RANGE:** 19

ESTIMATED COST: \$300,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$300,001.00	\$0.00	\$0.00	\$0.00	\$300,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153452 - CP 0452-153452 - Bituminous Overlay - CR 452

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 452 (Iron Jct Rd) - CSAH 25 to CSAH 137

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153452 **STATE PROJECT #:** CP 0452-153452 **ROAD #:** CR 452

ROAD NAME: Iron Jct Rd **BRIDGE #:** NA **SECTION:** 23 / **TOWNSHIP:** 57 / **RANGE:** 19

ESTIMATED COST: \$220,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$220,001.00	\$0.00	\$0.00	\$0.00	\$220,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235523 - CP 0535-235523 - Culvert Replacement - CR 535

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2018

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

PROJECT DESCRIPTION AND LOCATION: Culvert Replacement - CR 535 (Halverson Rd.) - CR 535 (Halverson Rd.) approx. 2 mi. NW of CR 962

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 235523 **STATE PROJECT #:** CP 0535-235523 **ROAD #:** CR 535

ROAD NAME: Halverson Rd. **BRIDGE #:** NA **SECTION:** 30 / **TOWNSHIP:** 63 / **RANGE:** 21

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

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$750,001.00	\$0.00	\$0.00	\$0.00	\$750,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235514 - CP 0642-235514 (FS) - Bridge Construction - CR 642

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 642 (Hayes Rd.) - .9 miles W. of cSAH 25 on CR 642

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 235514 **STATE PROJECT #:** CP 0642-235514 (FS) **ROAD #:** CR 642

ROAD NAME: Hayes Rd. **BRIDGE #:** 615 **SECTION:** 34 / **TOWNSHIP:** 58 / **RANGE:** 19

ESTIMATED COST: \$300,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$300,001.00	\$0.00	\$0.00	\$0.00	\$300,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 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: 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 666 (Kensington Dr.) - CSAH 110 to end

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 142593 **STATE PROJECT #:** CP 0666-142593 **ROAD #:** CR 666

ROAD NAME: Kensington Dr. **BRIDGE #:** NA **SECTION:** 8 / **TOWNSHIP:** 58 / **RANGE:** 14

ESTIMATED COST: \$2,500,000.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$2,500,000.00	\$0.00	\$0.00	\$0.00	\$2,500,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235515 - CP 0938-235515 - Bridge Construction - CR 938

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 938 (Alango Rd.) - .6 miles N. of Jct. TH1 on CR 938 (Alango Rd.) over Flint Creek

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 235515 STATE PROJECT #: CP 0938-235515 ROAD #: CR 938

ROAD NAME: Alango Rd. BRIDGE #: 657 SECTION: 9 / TOWNSHIP: 62 / RANGE: 19

ESTIMATED COST: \$1,000,001.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$1,000,001.00	\$0.00	\$0.00	\$0.00	\$1,000,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 216100 - CP 0999-216100 - Reclaim & Overlay - CR 999

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 999 (N. Pike Lake Rd) - CSAH 9 (W. Pike Lake Rd.) to CSAH 9 (N. Pike Lake Rd.)

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 216100 **STATE PROJECT #:** CP 0999-216100 **ROAD #:** CR 999

ROAD NAME: N. Pike Lake Rd **BRIDGE #:** NA **SECTION:** 25 / **TOWNSHIP:** 51 / **RANGE:** 16

ESTIMATED COST: \$330,001.00 **FUNDING SOURCE:** Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$330,001.00	\$0.00	\$0.00	\$0.00	\$330,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14

Form 12

ST. LOUIS COUNTY 2014-2018 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 235517 - CP 8128-235517 - Bridge Construction - UT 8128

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 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 8128 (Connors Rd.) - .6 miles E. of Jct. CSAH 5 on UT 8128 (Connors Rd.) over Shannon River

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 235517 **STATE PROJECT #:** CP 8128-235517 **ROAD #:** UT 8128

ROAD NAME: Connors Rd. **BRIDGE #:** 726 **SECTION:** 22 / **TOWNSHIP:** 59 / **RANGE:** 21

ESTIMATED COST: \$800,001.00 **FUNDING SOURCE:** Unorg. Twp

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2018	\$0.00	\$0.00	\$0.00	\$800,001.00	\$800,001.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 10/29/14