



# Five-Year Capital Improvement Plan 2013-2017

Updated February, 2013

## SAINT LOUIS COUNTY Board of Commissioners

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## **Introduction - St. Louis County Capital Improvement Program for Fiscal Years FY 2013 – FY 2017**

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 with an assigned "Aa2" rating from Moody's Investor Services, which has been achieved on all bonds since 2005. 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, IT, Land and Minerals, Environmental Services and the Planning & 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:

- Ø 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. In 2012, Public Works inventoried half of its buildings and plans to complete the rest in 2013. Property Management will run asset management system for all Property Management and Public Works facilities.
- Ø 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.
- Ø 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.

- Ø Working with the IT and Planning departments to include a technology section for the first time in the CIP, this inclusion provides for large-scale infrastructure projects and systems such as our Land Records Portal.
- Ø Working with all departments on CIP submission to enhance the information provided.
- Ø 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 complimentary 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 in-take centers (Duluth, Virginia, Hibbing), the property/planning/records/taxation customer center (Virginia), and other projects that encourage collaboration and enhance customer service.
- Ø 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.
- Ø 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 2013- FY 2017 CIP has been prepared with the following financial assumptions:

- A bond issuance in mid 2013 is currently being planned and, when issued, will include financing for new construction and building upgrades.
- All contributions from the General Fund have been incorporated into forecasted budgets for 2013. Projects funded through contributions from the General Fund include transportation and operations infrastructure (buildings, roads, communications tower). 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 2013-2017 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 remodel of the Northland Office Center in Virginia will remain to fully meet this policy directive.

## **St. Louis County 2013-2017 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 the county administrator's office. Using the inventory forms as a basis for its review, the county administrator produces a preliminary list of items. 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 2013 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 2013-2017 Capital Improvement Program is comprised of 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).

## 2013-2017 CIP by Category & Department

### 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:

PROPERTY MANAGEMENT	FY2013	FY2014	FY2015	FY2016	FY2017
Downtown Duluth Parking Lot Repair	0	550,000	0	0	0
GSC Remodel & Infrastructure Repair	24,000,000	0	0	0	0
North Rescue Squad Storage & Office Facilities	0	250,000	250,000	250,000	250,000
GSC Exterior Repairs & Windows	0	0	0	0	1,300,000
Jail Energy Upgrades - Phase II	240,000	0	0	0	0
Jail Security Control Upgrade - Hibbing	105,000	0	0	0	0
Capital Improvements Dictated by Asset Mgmt System	2,170,623	1,317,266	3,000,051	1,902,249	1,221,959
Public Safety Storage Facility	0	0	0	0	700,000
Hibbing Courthouse & Annex Controls	485,000	0	0	0	0
Northland Office Building Remodel	0	0	9,000,000	0	0
Safety Building Remodel	150,000	250,000	150,000	150,000	250,000
Virginia Motor Pool Car Building	2,000,000	0	0	0	0
Hibbing Courthouse AC Unit Replacement	0	0	0	0	500,000
<b>TOTAL PROP. MGMT</b>	<b>29,150,623</b>	<b>2,367,266</b>	<b>12,400,051</b>	<b>2,302,249</b>	<b>4,221,959</b>

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

### Solid Waste Projects

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. This department is now called the Environmental Services Department. 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:

<b>ENVIRONMENTAL SERVICES</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>
Landfill Gas Collection & Mgmt. System - Virginia	0	150,000	575,000	1,185,000	0
Leachate Field Expansion - RLF - Virginia	0	900,000	0	0	0
Household Hazardous Waste - Virginia	150,000	50,000	0	0	0
<b>TOTAL ENVIRONMENTAL SERVICES</b>	<b>150,000</b>	<b>1,100,000</b>	<b>575,000</b>	<b>1,185,000</b>	<b>0</b>

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

### **Land & Minerals Department**

The Land & Minerals Department manages tax forfeited trust lands for St. Louis County maximize forest health and productivity and to optimize revenue-generating capabilities. Proposed projects include:

<b>LAND &amp; MINERALS</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>
Virginia Land Office Space Addition	0	276,000	0	0	0
<b>TOTAL LAND &amp; MINERALS</b>	<b>0</b>	<b>276,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

### **Communications**

The Sheriff's Office - Communications Division is responsible for Public Safety Wireless Voice Communications throughout the County. The Federal Communications Commission has mandated that all VHF and UHF licensees meet new narrowband requirements by December 31, 2012 forcing the replacement of all of St. Louis County and partner agency communications infrastructure and end user equipment.

<b>COMMUNICATIONS</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>
Wireless Communication Systems Infrastructure Upgrade	1,100,000	0	0	0	0
<b>TOTAL COMMUNICATIONS</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### **Technology**

The 2010 CIP includes a section on planned technology investments submitted by the Information Technology (IT) Department and the Planning and Development Department.

<b>TECHNOLOGY PROJECTS</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>
Primary DC/Backup SAN Upgrade	0	150,000	0	0	0
IT/GIS Enterprise Geo Data Interface	0	0	275,000	0	0
IT/GIS Enterprise GEO Data Infrastructure	300,000	300,000	300,000	0	0
IT Enterprise Network & Infrastructure	0	100,000	0	0	0
<b>TOTAL TECHNOLOGY PROJECTS</b>	<b>300,000</b>	<b>550,000</b>	<b>575,000</b>	<b>0</b>	<b>0</b>

## Public Works Building 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.

<b>PUBLIC WORKS</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>
Repair Pike Lake Cover-All Building	200,000	0	0	0	0
Virginia 911 Renovation	200,000	0	0	0	0
Pike Lake Floor Drain Project	125,000	0	0	0	0
4th District Facility	0	4,000,000	0	0	0
Virginia Wash Bay	0	550,000	0	0	0
Maintenance Painting Vir, Hib, LG, JD, shops	0	125,000	0	0	0
Maintenance as dictated by Asset Mgmt System	442,000	375,000	500,000	500,000	500,000
<b>TOTAL PUBLIC WORKS</b>	<b>967,000</b>	<b>5,050,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>

## Public Works Road and Bridge

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

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

<b>PUBLIC WORKS/ROAD &amp; BRIDGE</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>
Road and Bridge Projects	45,733,458	30,148,175	22,793,200	18,982,000	15,150,000
<b>TOTAL PUBLIC WORKS/R&amp;B</b>	<b>45,733,458</b>	<b>30,148,175</b>	<b>22,793,000</b>	<b>18,982,000</b>	<b>15,150,000</b>

## 2013-2017 CAPITAL IMPROVEMENTS PROGRAM SUMMARY

DEPARTMENT	2013	2014	2015	2016	2017	TOTAL
<b>COMMUNICATIONS</b>						
Wireless Communication Systems Infrastructure Upgrade	1,100,000	0	0	0	0	1,100,000
<b>TOTAL COMMUNICATIONS</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>
<b>LAND</b>						
Virginia Land Office Space Addition	0	276,000	0	0	0	276,000
<b>TOTAL LAND</b>	<b>0</b>	<b>276,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>276,000</b>
<b>PROPERTY MANAGEMENT</b>						
Downtown Duluth Parking Lot Repair	0	550,000	0	0	0	550,000
GSC Remodel & Infrastructure Repair	24,000,000	0	0	0	0	24,000,000
North Rescue Squad Storage & Office Facilities	0	250,000	250,000	250,000	250,000	1,000,000
GSC Exterior Repairs & Windows	0	0	0	0	1,300,000	1,300,000
Jail Energy Upgrades - Phase II	240,000	0	0	0	0	240,000
Jail Security Control Upgrade - Hibbing	105,000	0	0	0	0	105,000
Capital Improvements Dictated by Asset Mgmt System	2,170,623	1,317,266	3,000,051	1,902,249	1,221,959	9,612,148
Public Safety Storage Facility	0	0	0	0	700,000	700,000
Hibbing Courthouse & Annex Controls	485,000	0	0	0	0	485,000
Northland Office Building Remodel	0	0	9,000,000	0	0	9,000,000
Safety Building Remodel	150,000	250,000	150,000	150,000	250,000	950,000
Virginia Motor Pool Car Building	2,000,000	0	0	0	0	2,000,000
Hibbing Courthouse AC Unit Replacement	0	0	0	0	500,000	500,000
<b>TOTAL PROP. MGMT</b>	<b>29,150,623</b>	<b>2,367,266</b>	<b>12,400,051</b>	<b>2,302,249</b>	<b>4,221,959</b>	<b>50,442,148</b>
<b>TECHNOLOGY PROJECTS</b>						
Primary DC/Backup SAN Upgrade	0	150,000	0	0	0	150,000
IT/GIS Enterprise Geo Data Interface & Applications	0	200,000	100,000	100,000	100,000	500,000
IT/GIS Enterprise GEO Data Infrastructure	0	100,000	100,000	400,000	100,000	700,000
<b>TOTAL TECHNOLOGY PROJECTS</b>	<b>0</b>	<b>450,000</b>	<b>200,000</b>	<b>500,000</b>	<b>200,000</b>	<b>1,350,000</b>

<b>DEPARTMENT (CONTINUED)</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>	<b>TOTAL</b>
<b>PUBLIC WORKS</b>						
Repair Pike Lake Cover-All Building	200,000					200,000
Virginia 911 Renovation	200,000					200,000
Pike Lake Floor Drain Project	125,000					125,000
4th District Facility		4,000,000				4,000,000
Virginia Wash Bay	0	550,000	0	0	0	550,000
Maintenance Painting Vir, Hib, LG, JD, shops	0	125,000	0	0	0	125,000
Maintenance as dictated by Asset Mgmt System	442,000	375,000	500,000	500,000	500,000	2,317,000
<b>TOTAL PUBLIC WORKS</b>	<b>967,000</b>	<b>5,050,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>7,517,000</b>
<b>PUBLIC WORKS/ROAD &amp; BRIDGE</b>						
Road and Bridge Projects	45,733,458	30,148,175	22,793,200	18,982,000	15,150,000	132,806,833
<b>TOTAL PUBLIC WORKS/R&amp;B</b>	<b>45,733,458</b>	<b>30,148,175</b>	<b>22,793,000</b>	<b>18,982,000</b>	<b>15,150,000</b>	<b>132,806,833</b>
<b>ENVIRONMENTAL SERVICES</b>						
Landfill Gas Collection & Mgmt. System - Virginia	0	150,000	575,000	1,185,000	0	1,910,000
Leachate Field Expansion - RLF - Virginia	0	900,000	0	0	0	900,000
Household Hazardous Waste - Virginia	150,000	50,000	0	0	0	200,000
<b>TOTAL ENVIRONMENTAL SERVICES</b>	<b>150,000</b>	<b>1,100,000</b>	<b>575,000</b>	<b>1,185,000</b>	<b>0</b>	<b>3,010,000</b>
<b>TOTAL ALL DEPARTMENTS</b>	<b>78,068,081</b>	<b>39,391,441</b>	<b>36,468,051</b>	<b>23,469,249</b>	<b>20,071,959</b>	<b>196,501,981</b>

## 2013 – 2017 SUMMARY OF REVENUES BY DEPARTMENT

### PROPERTY MANAGEMENT DEPARTMENT/FACILITIES

Department/Type	FY2013	FY2014	FY2015	FY2016	FY2017
<b>Property Management/Facilities</b>					
Property Tax	3,150,623	2,367,266	3,400,051	2,303,249	2,921,959
Bonding	24,000,000	0	9,000,000	0	1,300,000
Federal/State	0	0	0	0	0
Other	2,000,000	0	0	0	0
<b>Total</b>	<b>29,150,623</b>	<b>2,367,266</b>	<b>12,400,051</b>	<b>2,302,249</b>	<b>4,221,959</b>
<b>Environmental Services</b>					
Property Tax	0	0	0	0	0
Bonding	0	0	0	0	0
Federal/State	0	0	0	0	0
Other	150,000	1,100,000	575,000	2,205,000	0
<b>Total</b>	<b>150,000</b>	<b>1,100,000</b>	<b>575,000</b>	<b>2,205,000</b>	<b>0</b>
<b>Land Department</b>					
Property Tax	0	0	0	0	0
Bonding	0	0	0	0	0
Federal/State	0	0	0	0	0
Other	0	276,000	0	0	0
<b>Total</b>	<b>0</b>	<b>276,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Communications</b>					
Property Tax	0	0	0	0	0
Bonding	0	0	0	0	0
Federal/State	0	0	0	0	0
Other	1,100,000	0	0	0	0
<b>Total Communications</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Technology</b>					
Property Tax	0	0	0	0	0
Bonding	0	0	0	0	0
Federal/State	0	0	0	0	0
Other	0	450,000	200,000	500,000	200,000
<b>Total Technology</b>	<b>0</b>	<b>450,000</b>	<b>200,000</b>	<b>500,000</b>	<b>200,000</b>
<b>Public Works Facilities</b>					
Property Tax	967,000	1,050,000	500,000	500,000	500,000
Bonding	0	4,000,000	0	0	0
Federal/State	0	0	0	0	0
Other	0	0	0	0	0
<b>Total Public Works Facilities</b>	<b>967,000</b>	<b>5,050,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>

<b>Revenues Continued</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>
<b>Public Works Road &amp; Bridge</b>					
Property Tax	8,453,692	7,757,670	6,835,000	6,966,200	5,750,000
Bonding	0	0	0	0	0
Federal/State	34,205,667	21,993,245	14,700,160	10,984,800	9,400,000
Other	3,074,099	397,260	1,258,040	1,031,000	0
<b>Total Public Works Road &amp; Bridge</b>	<b>45,733,458</b>	<b>30,148,175</b>	<b>22,793,200</b>	<b>18,982,000</b>	<b>15,150,000</b>

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years FY 2013 – FY 2017**

**Property Management**

1. Capital Improvements Dictated by Asset Management System
2. Duluth Parking Lots
3. GSC Exterior Repairs and Window Replacement
4. GSC Renewal
5. Hibbing Courthouse Air Condition Unit
6. Hibbing Courthouse Controls
7. Hibbing Jail Security Upgrades
8. Duluth Jail Energy Upgrade
9. Northland Office Building Renewal
10. North Rescue Squad Office and Cold Storage
11. PSC Safety Office Building

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Property Management Capital Improvement Projects as Dictated 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. unmet 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
2013	\$2,170,623				\$2,170,623	Architect/Engineer	
2014	\$1,317,266				\$1,317,266	Construction	
2015	\$3,000,051				\$3,000,051	Consulting	
2016	\$1,902,249				\$1,902,249	Furnishing/Equip	
2017	\$1,221,959				\$1,221,959	Contingency	
TOTAL	\$9,612,148				\$9,612,148	Other	\$9,612,148
						<b>Total Cost</b>	<b>\$9,612,148</b>

Date Project Estimate Last Updated:

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 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
2013						Architect/Engineer	
2014				\$550,000	\$550,000	Construction	\$500,000
2015						Consulting	\$50,000
2016						Furnishing/Equip	
2017						Contingency	
TOTAL						Other	
						<b>Total Cost</b>	<b>\$550,000</b>

Date Project Estimate Last Updated:

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Duluth Government Services Center Exterior Repairs & Window Replacement

Department:  Contact:  Extension:

Start Year:  End Year:  Project Goal:

### Project Purpose & Justification

The Government Services Center (GSC) facility is 30 years old. Exterior tuck pointing, flashing, window sealing, face brick repair / replacement, window replacement and other exterior repairs are necessary. Water is infiltrating the building shell causing damage and affecting the maintenance, repair and operating budgets. Face bricks are working loose and delaminating, and the potential for inner wall cavity mold growth is increasing. The windows are of poor quality and have begun to fail - the frames and seals are in need of replacement. These items were not included in the major GSC remodel that is planned for 2013 because it was determined that it could wait until 2017 and was cut from the project due to the size of the project budget.

### Project Description & Location

The GSC facility is located at 320 West 2nd Street in Duluth. The facility presently houses most non-court / non-law enforcement related county staff for the Duluth area. The public visits the GSC more than any other facility in the county. The acquisition of this facility is the king pin for resolving the Duluth area space needs and public service needs, and diligent maintenance & repair are paramount and as such the entire interior of the building will be completely remodeled in 2013. The exterior repairs and tuck pointing and the window and frame replacement are planned for the next bonding cycle.

Attachments Prepared:

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

Lower operating, maintenance, utility, and repair costs and prevent water and potential mold damage. Exterior maintenance will commence a new life cycle. A tighter building envelope will lower heating and cooling expenses.

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

Priority Rationale:

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	\$175,000
2014						Construction	\$1,050,000
2015						Consulting	
2016						Furnishing/Equip	
2017		\$1,300,000			\$1,300,000	Contingency	\$75,000
TOTAL		\$1,300,000			\$1,300,000	Other	
						<b>Total Cost</b>	<b>\$1,300,000</b>

Date Project Estimate Last Updated:

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 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 in-take 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
2013		22,000,000				Architect/Engineer	\$900,000
2014						Construction	17,750,000
2015						Consulting	\$600,000
2016						Furnishing/Equip	\$1,250,000
2017	\$300,000					Contingency	\$1,500,000
TOTAL						Other	
						<b>Total Cost</b>	<b>22,000,000</b>

Date Project Estimate Last Updated:

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Hibbing Courthouse & Annex Building Control Replacement

Department: Property Management

Contact: Tony Mancuso

Extension: 5085

Start Year: 2013

End Year: 2014

Project Goal: Efficient, Effective Government

### Project Purpose & Justification

The Hibbing courthouse building control system is minimal to a point of being almost non-existent. The Hibbing Annex control system is more complete, but the original vendor is no longer in business, it is cumbersome and overly complicated and prone to failures. A standardized system will allow for proper building operation and maintenance, lower utility costs, lower maintenance costs, and maximize a future lower staff compliment, as all building maintenance staff will be (cross trained in several buildings) able to operate and trouble shoot any of our building functions on site or remotely.

### Project Description & Location

The Hibbing courthouse was constructed in 1956, and a new addition was constructed in 1998. The Hibbing Annex was constructed in 1957 and received comprehensive remodeling in 2002. Only a small portion of the courthouse has building automation controls with the majority being mechanical timers and hand operated controllers. The Annex building controls were replaced during remodeling, but the HVAC control system company was sold, and we now have no "factory" support. Both of the facilities need building automation system replacement. This will standardize (county standard system) the operation, trouble shoot, repair, and maintenance for the building control systems. The county standard system is "user friendly" for staff.

Attachments Prepared:

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

This project will standardize the operating systems resulting in opportunities to cross train staff and remote building operation, creating an opportunity to reduce county staffing levels and overtime for the long term. It will also reduce utility cost, as the buildings will have automated operational capabilities. The building automation control systems will allow for total operational control including: occupancy sensing, CO sensing, fan motor & pump motor speed and start sequencing and control, remote operation. A building that can be controlled saves utility expenses.

Project Priority: Necessary

Estimated Return On Investment: 0-5 years

New Asset Life Cycle: 5-10 years

Priority Rationale: Functionality

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	
2014						Construction	
2015						Consulting	\$485,000
2016						Furnishing/Equip	
2017	\$485,000				\$485,000	Contingency	
TOTAL						Other	
						<b>Total Cost</b>	<b>\$485,000</b>

Date Project Estimate Last Updated: February 2013

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Jail Security Control Upgrade

Department: Sheriff Contact: Ross Litman Extension: 2351

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

### Project Purpose & Justification

The Hibbing lockup/prisoner holding security access equipment was purchased and installed in 1997 and has past its life cycle. Repair and replacement parts and components are no longer available. The county has a small stock of repair parts. This automated control system allows for the prisoner holding operations to be staffed by one officer. Without this equipment the County Sheriff's Office would need to staff the unit with two or three staff to lock and unlock secured passageways, cells, and day rooms. This project will serve to upgrade the security system controllers and equipment and commence the next 12 to 14 year life cycle and ensure safe & efficient prisoner holding activities and functions.

### Project Description & Location

The replacement of obsolete security equipment for the prisoner holding area located at the Hibbing courthouse.

Attachments Prepared:

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

Reduce repair/maintenance costs - More efficient use of Sheriff's staff time (one location controls all access doors), which eliminates the need for 2 or 3 staff..

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

Priority Rationale: End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013	\$105,000				\$105,000	Architect/Engineer	
2014						Construction	
2015						Consulting	
2016						Furnishing/Equip	\$105,000
2017						Contingency	
TOTAL						Other	

Date Project Estimate Last Updated: February 2013

**Total Cost \$105,000**

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Jail Energy Upgrades - Phase 2

Department: Property Management      Contact: Tony Mancuso      Extension: 5085

Start Year: 2013      End Year: 2013      Project Goal: Efficient, Effective Government

### Project Purpose & Justification

The County Jail was built in 1995 with no consideration to energy conservation. The utility costs for gas, water, sewer, and electricity are staggering. Phase 1 of the jail energy conservation project concentrated on water hot water production (gas consumption reduction). The installation of 2 high efficiency commercial gas water heaters and a small HVAC (summer boiler) were completed in 2011 as the project phase 1. Phase 2 will include the installation of water saving fixtures throughout (primarily showers), a new HVAC control system front end (standardized with the other county buildings), a chiller, and electrical upgrades.

### Project Description & Location

The county jail is located on Haines Road in Duluth, and was constructed in 1995. It is a 24/7/365 facility housing 168 prisoners, and is at full occupancy. The present HVAC control system has become obsolete and does not have current energy efficiency capabilities. The inmates leave showers running for hours unattended, as there presently are no automatic shower timers (waste of water, sewer, and natural gas for hot water heating). The solar hot water pre-heating system will reduce gas consumption even further. The lighting will be converted to LED and occupancy sensors will be installed where appropriate, as the majority of lights are presently on 24/7/365, which will reduce electrical consumption for the lighting by approx. 30%-50% and last 5 times longer.

Attachments Prepared:

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

This will significantly reduce gas, water and sewer utility costs. It will reduce overtime for boiler start up calls, and emergency repairs. It will extend the life cycle of the boilers. It will reduce electrical costs for pumps and fans that can be turned off or turned down. It will reduce ongoing maintenance and repair costs. The inmate showers will be controlled by timers and not left running for extended periods of time - unattended. Staff sharing from other facilities will be implemented (standard HVAC control system), lighting and motor electrical use and maintenance costs will be greatly reduced and have a grossly extended life cycle. This project will reduce water heating costs by an estimated 50%, water & sewer by 30%, and electricity by 20%.

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

Priority Rationale: Energy Efficiency

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013	\$240,000				\$240,000	Architect/Engineer	
2014						Construction	\$200,000
2015						Consulting	\$40,000
2016						Furnishing/Equip	
2017						Contingency	
TOTAL						Other	

Date Project Estimate Last Updated: February 2013

**Total Cost \$240,000**

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Virginia Northland Office Building Remodeling

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 2014 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.

### Project Description & Location

The Northland Office Building (NOB) is 74,278 sq/ft and located in downtown Virginia. This project will include remodeling of office space to consolidate department's needs and staff. The project will also include HVAC, mechanical infrastructure & systems replacement, life safety systems upgrades, and a HVAC / Energy Management system. A limited use "egress only" emergency generator will be included in this project. The cost estimate is based on \$75 per sq/ft - minus 15% for common areas.

Attachments Prepared:

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

The overall County operating budget will be reduced as rental costs in the US Bank Building and other locations were eliminated. 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 at least 20% in utility consumption from 2010 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
2013						Architect/Engineer	\$450,000
2014						Construction	\$7,790,000
2015						Consulting	\$60,000
2016		\$9,000,000			\$9,000,000	Furnishing/Equip	\$450,000
2017						Contingency	\$250,000
TOTAL						Other	
						<b>Total Cost</b>	<b>\$9,000,000</b>

Date Project Estimate Last Updated:

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** North Rescue Squad Storage & Office Facilities

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

Start Year: 2014      End Year: 2015      Project Goal: Health & Well Being of County Citizens

### Project Purpose & Justification

To provide updated and appropriate storage and office areas for the North St. Louis County Rescue Squad for operations and to house equipment and vehicles.

### Project Description & Location

The current steel storage facility needs some structural repair. There is a need for office space, some amount of heated storage and cold storage. A wash bay would also be desirable. The current structure is located at the Virginia Public Works campus. A "global" approach to developing these facilities in collaboration with Public Works will be explored to maximize currently available facility spaces and to determine of the cost-benefit of the building new versus remodeling existing spaces on this campus.

**Attachments Prepared:**

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

This facility would be operated by the Sheriff's Department, and all efforts to integrate energy efficient building systems into the project will be pursued.

Project Priority: Recommended      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
2013						Architect/Engineer	\$125,000
2014				\$250,000	\$250,000	Construction	\$800,000
2015				\$250,000	\$250,000	Consulting	
2016				\$250,000	\$250,000	Furnishing/Equip	
2017				\$250,000	\$250,000	Contingency	\$75,000
TOTAL				\$1,000,000	\$1,000,000	Other	
						<b>Total Cost</b>	<b>\$1,000,000</b>

Date Project Estimate Last Updated: March 2013

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** St. Louis County Public Safety Campus Office Building

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

Start Year: 2013      End Year: 2015      Project Goal: Strong County Infrastructure

### Project Purpose & Justification

The County Safety & Risk Management division will be located in this facility eliminating their parking, leasing issues, and opening space in the GSC to accommodate the ARC moving into the newly remodeled building. Offices and storage areas for other county departments are possible as ample space is available. This relocation is in the master space plan and requires that the building be remodeled to function as a county office building.

### Project Description & Location

This building is located on the Public Safety Campus on Rice Lake Road. The building is in very good structural condition, but does need partial re-roofing, some exterior upgrades, new windows, HVAC upgrades, and partial remodeling. The County Safety & Risk Management Division will be housed in this building. It is presently partially leased to HDG for a resident laundry functions - duration presently uncertain. The building also serves as the secure archival storage needs for the County's land records and the central warehouse for County office furniture.

**Attachments Prepared:**

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

The reduction in the size of the building, upgrading the HVAC system, replacing the windows, and misc. remodeling and upgrades will all be designed for maximum efficiency.

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

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	\$50,000
2014						Construction	\$1,800,000
2015						Consulting	\$90,000
2016						Furnishing/Equip	\$60,000
2017		\$2,000,000			\$2,000,000	Contingency	
TOTAL					\$2,000,000	Other	
						<b>Total Cost</b>	<b>\$2,000,000</b>

Date Project Estimate Last Updated: February 2013

# Form 12

## ST. LOUIS COUNTY 2012-2016 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Virginia Motor Pool - New Building Construction

Department: Public Works      Contact: Jim Foldesi      Extension: 3840

Start Year: 2013      End Year: 2014      Project Goal: Efficient, Effective Government

### Project Purpose & Justification

A new motor pool facility will be constructed in downtown Virginia across the street from the Virginia Courthouse. In 2012, the county purchased a parking lot across from the courthouse from the City of Virginia with the intent to building a covered motor pool facility at that site. The purpose of this facility is to locate motor pool vehicles next to the county offices and staff that use these vehicles rather than storing the motor pool vehicles outside of town at the public works campus.

### Project Description & Location

The new motor pool facility will be able to house up to 21 motor pool cars, will have 2 car wash bays, and will provide three car repair and maintenance bays for public works motor pool staff to service the vehicles. This new facility will use the entire site available and, as it is being designed, represents the maximum capacity possible at this site.

Attachments Prepared:

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

The efficiencies gained from this facility will mainly be due to those gained from constructing a highly efficient long life-cycle building and is centrally located near county staff that use these vehicles on a regular basis. Because staff no longer will need to travel in a vehicle to get a motor pool vehicle, it will be more likely that they will check out motor pool cars rather than using their own. Additionally, the location of public works motor pool maintenance staff at this facility will centralize and streamline this facility's service function for the internal county customers.

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

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2012						Architect/Engineer	\$85,000
2013				\$2,000,000	\$2,000,000	Construction	\$1,500,000
2014						Consulting	\$20,000
2015						Furnishing/Equip	\$43,300
2016						Contingency	\$126,700
TOTAL				\$2,000,000	\$2,000,000	Other	\$225,000
						<b>Total Cost</b>	<b>\$2,000,000</b>

Date Project Estimate Last Updated: March 2013

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Public Safety Campus Storage Barn Repairs

Department: Property Management      Contact: Tony Mancuso      Extension: 5085

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

### Project Purpose & Justification

The Public Safety Campus storage barn roof is failing, the exterior stucco coating is falling off, the fascia, trim, and soffit are rotting, the windows have fallen out, and the structural columns need to be reinforced. This building is well worth saving and needs to be revitalized, as the replacement cost is estimated at \$680,000. The Sheriff's Rescue Squad has dire secure space storage needs, and uses this building for storage of equipment and small vehicles. This project needs to be completed to prevent irreversible structural damage to the building.

### Project Description & Location

The Public Safety Campus storage barn was originally the dairy barn / hay barn for the Cook Home Poor Farm. It is presently utilized as a storage building for the Sheriff's Rescue squad equipment. It is located on the Public Safety Campus and is approximately 8,500 sq/ft in size.

Attachments Prepared:

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

Lower operating, maintenance, and repair costs. Eliminate storage space lease costs. If not repaired, the replacement cost is estimated to be \$680,000 (\$80 sq/ft @ 8,500 sq/ft).

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

Priority Rationale: Asset Integrity

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	\$70,000
2014						Construction	\$610,000
2015						Consulting	\$20,000
2016						Furnishing/Equip	
2017				\$700,000	\$700,000	Contingency	
TOTAL					\$700,000	Other	
						<b>Total Cost</b>	<b>\$700,000</b>

Date Project Estimate Last Updated: February 2013

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years FY 2013 – FY 2017**

**Environmental Services**

1. Household hazardous waste
2. Leachate field expansion
3. Virginia Landfill Methane Gas Collection

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Household Hazardous Waste Building Expansion - Virginia

Department: Environmental Services

Contact: Ted Troolin

Extension: 7639

Start Year: 2013

End Year: 2013

Project Goal: Strong County Infrastructure

### Project Purpose & Justification

Provide additional space for storage and safe operation of the county's Household Hazardous Waste program. The construction of additional area will allow for a safer work environment for staff and the public. In addition, the increased space will allow for the future potential expansion of the program.

### Project Description & Location

The county's Household Hazardous Waste facility is near Virginia. Expanding the existing Household Hazardous Waste facility building in order to provide more storage and waste handling capacity.

Attachments Prepared:

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

Only utilities and maintenance costs for the continued safe operations of this facility.

Project Priority: Necessary

Estimated Return On Investment: Unknown

New Asset Life Cycle: 40+ years

Priority Rationale: Environmental

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013				\$150,000	\$150,000	Architect/Engineer	\$10,000
2014				\$50,000	\$50,000	Construction	\$190,000
2015						Consulting	
2016						Furnishing/Equip	
2017						Contingency	
TOTAL				\$200,000	\$200,000	Other	
						<b>Total Cost</b>	<b>\$200,000</b>

Date Project Estimate Last Updated: March 2013

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Landfill Gas Collection and Management System - Virginia

Department: Environmental Services      **Contact:** Ted Troolin      Extension: 7639

Start Year: 2013      End Year: 2016      Project Goal: Healthy, Viable Ecosystem

### 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 new 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 and piping and 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, economical impacts and environmental concerns associated with the operation and long term care of the County's Regional Landfill. 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: Necessary      Estimated Return On Investment: Unknown      New Asset Life Cycle: 20-40 years

Priority Rationale: Environmental

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	\$125,000
2014				\$150,000	\$150,000	Construction	\$1,635,000
2015				\$575,000	\$575,000	Consulting	\$100,000
2016				\$1,185,000	\$1,185,000	Furnishing/Equip	
2017						Contingency	\$50,000
TOTAL					\$1,910,000	Other	
						<b>Total Cost</b>	<b>\$1,910,000</b>

Date Project Estimate Last Updated: March 2013

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Leachate Field Expansion - Regional Landfill-Virginia

Department: Environmental Services      Contact: Ted Troolin      Extension: 7639

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

### Project Purpose & Justification

The Regional Landfill in Virginia has been operated for 18 years with the original the leachate spray field of 22 acres. With increased leachate production from the landfill a new spray field is proposed to be constructed in 2014.

### Project Description & Location

The Regional Landfill in Virginia has an existing leachate spray field that totals 22 acres. With expansions of the landfill over the last 18 years, additional acreage is needed for increased leachate production from the landfill. A new 20 acre field is proposed with in ground piping for spray irrigation to accommodate increased liquid leachate produced from the landfill. A possible third treatment pond is also being considered for pre-treatment of leachate before being land applied.

**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 possible hauling of leachate to a waste treatment facility which would be very costly.

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

Priority Rationale: Environmental

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	\$100,000
2014				\$90,000	\$900,000	Construction	\$775,000
2015						Consulting	
2016						Furnishing/Equip	
2017						Contingency	\$25,000
TOTAL					\$90,000	Other	
						<b>Total Cost</b>	<b>\$900,000</b>

Date Project Estimate Last Updated: March 2013

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years FY 2013 – FY 2017**

**Land Department**

1. Virginia Office Space Addition

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Virginia Land Department Office Space Addition

Department: Land Contact: Bob Krepps Extension: 2606

Start Year: 2014 End Year: 2014 Project Goal: Efficient, Effective Government

### Project Purpose & Justification

The Land Department's facilities in Virginia currently houses 11 staff serving the Virginia area and zone of Land Department Operations. The 2006 - 2007 budget increased field staff in both working areas of the County. An increase in staff in the Virginia office will require additional office space to accommodate them as the building can no longer provide office space for additional staff.

### Project Description & Location

This project would place an addition onto the existing Land Department facility in Virginia. The estimated size of the addition would be 1,600 square feet or approximately 40 feet by 40 feet. This facility would house Land Department staff that encompasses all Land Department operations involved with land transactions, forest management and land surveying.

Attachments Prepared:

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

The facility operation costs for the County would increase with the construction of additional space in the Virginia office. Land Department operations would be more efficient, as additional space will allow for needed staff that can complete the Departments operation plans.

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

Priority Rationale: Operations

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	
2014				\$276,000	\$276,000	Construction	\$276,000
2015						Consulting	
2016						Furnishing/Equip	
2017						Contingency	
TOTAL					\$276,000	Other	
						<b>Total Cost</b>	<b>\$276,000</b>

Date Project Estimate Last Updated: February 2013

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years FY 2013 – FY 2017**

**Communications**

1. PSC Wireless Communications - ARMER

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Public Safety Wireless Voice Communications

Department: Sheriff Contact: Ross Litman, Sheriff Extension: 2341

Start Year: 2013 End Year: 2013 Project Goal: Health & Well Being of County Citizens

### Project Purpose & Justification

Final phase of this project. This project will transition our Public Safety wireless voice communication to the State of Minnesota Allied Radio Matrix for Emergency Response (ARMER) 800 MHz digital trunked radio system. The Federal Communications Commission has mandated that all VHF and UHF licensees meet new narrowband requirements by December 31, 2012 forcing the replacement of all of our and our partner agency communications infrastructure and end user equipment. The State of Minnesota through E911 telephone funding is building the ARMER system throughout Greater Minnesota. The transition to ARMER will avoid building and maintaining.

### Project Description & Location

Dispatch consoles and related equipment will be replaced or upgraded at the Duluth and Virginia Public Safety Answering Points and the Emergency Operations Center. A narrowband VHF paging system for Fire and EMS partner agencies will be built at the ARMER sites. Basic end user equipment (radios) will be provided to partner agencies that St. Louis County represents on the Northeast Regional Radio Board. The ARMER system sites will be enhanced for coverage and capacity to meet our requirements. The state will build and maintain 24 tower sites for the ARMER system throughout St. Louis County.

Attachments Prepared:

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

Savings in leased tower expenses, electricity and propane will be realized with the transition to the State owned ARMER system. Additional training will be required for end users, technical staff and dispatchers. Additional technical staff may be required to manage, maintain and program the infrastructure, end user equipment and related equipment. Energy savings in electricity and propane will be realized in that St. Louis County will be using a cooperative multi-agency Public Safety communications system instead of operating our own duplicate 31 site communications system.

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

Priority Rationale: Other

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013		\$1,100,000			\$1,100,000	Architect/Engineer	
2014						Construction	
2015						Consulting	
2016						Furnishing/Equip	\$1,100,000
2017						Contingency	
TOTAL		\$1,100,000			\$1,100,000	Other	
						<b>Total Cost</b>	<b>\$1,100,000</b>

Date Project Estimate Last Updated: March 2013

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years FY 2013 – FY 2017**

**Technology**

1. Enterprise Geospatial Data
2. Enterprise Applications and Interfaces
3. Data Center SAN upgrade

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Enterprise Applications & Interfaces

Department: Planning and Development

Contact: Barbara Hayden

Extension: 5008

Start Year: 2014

End Year: 2017

Project Goal: Efficient, Effective Government

### Project Purpose & Justification

Enterprise (county-wide) land information applications are mission critical interfaces to manage and support county core operations for improved efficiency and productivity. Land record information is used by many county departments and stakeholders to conduct business operations including 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) enterprise interfaces will provide a Common Operating Picture (COP) to catalog, access, retrieve, query, process, analyze, model, map and disseminate spatial and non-spatial data.

### Project Description & Location

#### 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 Maps-on-Demand Application, and an Enterprise Automated Data Distribution System.

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.

Project Priority: Critical

Estimated Return On Investment: 0-5 years

New Asset Life Cycle: 5-10 years

Priority Rationale: Other

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	
2014				\$200,000	\$200,000	Construction	
2015				\$100,000	\$100,000	Consulting	\$500,000
2016				\$100,000	\$100,000	Furnishing/Equip	
2017				\$100,000	\$100,000	Contingency	
TOTAL				\$500,000	\$500,000	Other	

Date Project Estimate Last Updated: March, 2013

**Total Cost \$500,000**

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

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

Department:  Contact:  Extension:

Start Year:  End Year:  Project Goal:

### Project Purpose & Justification

Geospatial data and aerial imagery is a core element of county business operations. It is used extensively in 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 by reducing transportation and staff costs to carry-out department business functions in a county of 7,000 square miles. Every effort will be made to partner with strategic partners to reduce yearly costs.

### Project Description & Location

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

Attachments Prepared:

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

Effects both levy and non-levy budget. Every effort will be made to work with strategic partners to reduce yearly 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
2013						Architect/Engineer	
2014				\$100,000	\$100,000	Construction	
2015				\$100,000	\$100,000	Consulting	\$700,000
2016				\$400,000	\$400,000	Furnishing/Equip	
2017				\$100,000	\$100,000	Contingency	
TOTAL				\$700,000	\$700,000	Other	

Date Project Estimate Last Updated:

**Total Cost \$700,000**

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Primary Data Center and Backup Data Center Storage Area Network Upgrades

Department: Information Technology      **Contact:** Martin Buscombe      Extension: 2019

Start Year: 2014      End Year: 2014      Project Goal: Efficient, Effective Government

### Project Purpose & Justification

The county's explosive growth of information being converted into its Geographic Information System requires expansion of the existing electronic data storage infrastructure at both the primary and backup data centers.

### Project Description & Location

The county's primary storage area network equipment is located at the data center in the Government Service Center. That data is mirrored at the backup data center located in the Public Safety Building in Duluth to support continuity of operations. Anticipated growth will require the addition of 5 terabytes of data storage at both the primary and backup sites. This backup began in 2012 and will be done again in 2014.

**Attachments Prepared:**

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

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

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

Priority Rationale: Other

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	
2014				\$150,000	\$150,000	Construction	
2015						Consulting	
2016						Furnishing/Equip	\$150,000
2017						Contingency	
TOTAL					\$150,000	Other	

Date Project Estimate Last Updated: February 2013

**Total Cost \$150,000**

**Project Forms - St. Louis County Capital Improvement Program  
for  
Fiscal Years FY 2013 – FY 2017**

**Public Works**

1. Capital projects as dictated by asset management system
2. Pike Lake coverall building
3. Pike Lake floor drain
4. 4<sup>th</sup> District renewal
5. Virginia 911 renovation

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** 4th District Maintenance Facility recommendation

Department: Public Works      Contact: Jim Foldesi      Extension: 3840

Start Year: 2014      End Year: 2015      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:

### 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: 20-40 years

Priority Rationale: End of Life Cycle

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	\$280,000
2014		\$4,000,000			\$4,000,000	Construction	\$3,620,000
2015						Consulting	\$100,000
2016						Furnishing/Equip	
2017						Contingency	
TOTAL		\$4,000,000			\$4,000,000	Other	
						<b>Total Cost</b>	<b>\$4,000,000</b>

Date Project Estimate Last Updated: March 2013

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

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

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

Start Year: 2013      End Year: 2017      Project Goal: Strong County Infrastructure

### Project Purpose & Justification

To do preventive maintenance and facility upgrades/renewals as dictated by the VFA asset management system on Public Works buildings and facilities to prevent damage and deterioration from occurring and to address system/facility life cycle renewals.

### 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:** District map showing facility locations

### 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 proactive 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
2013	\$442,000				\$442,000	Architect/Engineer	
2014	\$375,000				\$375,000	Construction	
2015	\$500,000				\$500,000	Consulting	
2016	\$500,000				\$500,000	Furnishing/Equip	
2017	\$500,000				\$500,000	Contingency	
<b>TOTAL</b>	<b>\$2,317,000</b>				<b>\$2,317,000</b>	<b>Other</b>	<b>\$2,317,000</b>
						<b>Total Cost</b>	<b>\$2,317,000</b>

Date Project Estimate Last Updated: March 2013

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Maintenance Painting for various Public Works shops

Department: Public Works      Contact: Jim Foldesi      Extension: 3840

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

### Project Purpose & Justification

Clean and Paint Shops and Warm Storage areas as normal maintenance.

### Project Description & Location

Clean and paint Shops and Warm storage at Virginia, Linden Grove, Hibbing, and Jean Duluth facilities.

Attachments Prepared: District map showing facility locations

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

Will lighten shops to make work easier for mechanics and operators to see to do their jobs.

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

Priority Rationale: Functionality

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	
2014	\$125,000				\$125,000	Construction	
2015						Consulting	
2016						Furnishing/Equip	
2017						Contingency	
TOTAL		\$125,000			\$125,000	Other	\$125,000
						<b>Total Cost</b>	<b>\$125,000</b>

Date Project Estimate Last Updated: March 2013

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Replace Ely Salt Sand Building

Department: Public Works

Contact: Jim Foldesi

Extension: 3840

Start Year: 2013

End Year: 2013

Project Goal: Strong County Infrastructure

### Project Purpose & Justification

Replace structurally unsound Cover-All building in Ely.

### Project Description & Location

Remove and replace unsound salt sand building at the Ely Campus.

Attachments Prepared:

District map showing facility locations

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

At present the building does not meet code for wind and snow loads. Replace building so it can be used as intended during snow events.

Project Priority: Critical

Estimated Return On Investment: 10-20 years

New Asset Life Cycle: 10-20 years

Priority Rationale: Mandate/Code/Statutory

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013	\$218,820				\$218,820	Architect/Engineer	
2014						Construction	\$218,820
2015						Consulting	
2016						Furnishing/Equip	
2017						Contingency	
TOTAL					\$218,820	Other	
						<b>Total Cost</b>	<b>\$218,820</b>

Date Project Estimate Last Updated: February 27, 2013

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Heated wash bay addition to the Virginia facility.

Department: Public Works      Contact: Jim Foldesi      Extension: 3840

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

### 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: District map showing facility locations

### 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: Recommended      Estimated Return On Investment: 5-10 years      New Asset Life Cycle: 10-20 years

Priority Rationale: Functionality

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013						Architect/Engineer	
2014	\$500,000				\$500,000	Construction	\$500,000
2015						Consulting	
2016						Furnishing/Equip	
2017						Contingency	
TOTAL		\$500,000			\$500,000	Other	

Date Project Estimate Last Updated: March 2013

**Total Cost \$500,000**

# Form 12

## ST. LOUIS COUNTY 2013 - 2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** Virginia vacated 911 renovation

Department: Public Works

Contact: Jim Foldesi

Extension: 3840

Start Year: 2013

End Year: 2013

Project Goal: Strong County Infrastructure

### Project Purpose & Justification

Renovate the vacated 911 area in Virginia to make a large conference training room, computer lab, and usable office space.

### Project Description & Location

To renovate the vacated 911 area at Virginia Public Works to create a large conference / training room, computer lab, and better usable office space to be utilized by all County departments.

Attachments Prepared:

District map showing facility locations

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

Will help all department save on training expenses because they will no longer have to rent space for their training activities.

Project Priority: Recommended

Estimated Return On Investment: 5-10 years

New Asset Life Cycle: 10-20 years

Priority Rationale: Functionality

Year	Property Tax	Bonding	Federal/State	Other	Total	Cost Breakdown	Total Cost
2013	\$200,000				\$200,000	Architect/Engineer	\$8,000
2014						Construction	\$192,000
2015						Consulting	
2016						Furnishing/Equip	
2017						Contingency	
TOTAL					\$200,000	Other	
						<b>Total Cost</b>	<b>\$200,000</b>

Date Project Estimate Last Updated: February 27, 2013

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 160534 - SAP 69-030-025 - Aggregate Shouldering -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure and improve safety by repairing shoulders at various locations throughout the county that were affected by the June 2012 Flood.

**PROJECT DESCRIPTION AND LOCATION:** Aggregate Shouldering - (S.E. SLC) - Various Locations in S.E. St. Louis County

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

**EFFECT ON OPERATING BUDGET:** Will result in cost savings as county maintenance forces would have done this shouldering work through the regular operating budget.

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 160534      **STATE PROJECT #:** SAP 69-030-025      **ROAD #:**

**ROAD NAME:** S.E. SLC      **BRIDGE #:** NA      **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$486,988.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$486,988.00	\$0.00	\$486,988.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 160535 - SAP 69-030-026 - Aggregate Shouldering -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure and improve safety by repairing shoulders at various locations throughout the county that were affected by the June 2012 Flood.

**PROJECT DESCRIPTION AND LOCATION:** Aggregate Shouldering - (S.W. SLC) - Various Locations in S.W. St. Louis County

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

**EFFECT ON OPERATING BUDGET:** Will result in cost savings as county maintenance forces would have done this shouldering work through the regular operating budget.

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 160535      **STATE PROJECT #:** SAP 69-030-026      **ROAD #:**

**ROAD NAME:** S.W. SLC      **BRIDGE #:** NA      **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$791,180.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$791,180.00	\$0.00	\$791,180.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 97054 - MP 97054 - Crack Sealing -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 #:** 97054      **STATE PROJECT #:** MP 97054      **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
2013	\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153784 - MP 153784 - GRIP -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 - () - 2013 GRIP North - CSAH 110, CSAH 108 and UT 9212

**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**

<b>COUNTY PROJECT #:</b> 153784	<b>STATE PROJECT #:</b> MP 153784	<b>ROAD #:</b>
<b>ROAD NAME:</b>	<b>BRIDGE #:</b> NA	<b>SECTION: / TOWNSHIP: / RANGE:</b>
<b>ESTIMATED COST:</b> \$389,322.00	<b>FUNDING SOURCE:</b> GRIP	

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$389,322.00	\$0.00	\$0.00	\$0.00	\$389,322.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 181984 - MP 181984 - GRIP -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 - () - 2013 GRIP South - CSAH 8 and CR 258

**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 #:** 181984      **STATE PROJECT #:** MP 181984      **ROAD #:**

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

**ESTIMATED COST:** \$179,735.00      **FUNDING SOURCE:** GRIP

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$179,735.00	\$0.00	\$0.00	\$0.00	\$179,735.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - MP ???? - Pavement Preservation -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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: Pavement Preservation - (Various) - Various County Highways

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

EFFECT ON OPERATING BUDGET: A preserved 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 #: ???? STATE PROJECT #: MP ???? ROAD #:

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

ESTIMATED COST: \$1,000,000.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$1,000,000.00	\$0.00	\$0.00	\$0.00	\$1,000,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 3623 - SP 69-090-18 - Ped/Bike Trail -

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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 #: SP 69-090-18      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
2013	\$0.00	\$0.00	\$1,004,976.00	\$295,024.00	\$1,300,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 3636 - SP 69-090-21 - Ped/Bike Trail -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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) - Soudan Townsite (Wouri Rd.) to T.H. #169 thru Vermilion State Park

**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 #:** 3636      **STATE PROJECT #:** SP 69-090-21      **ROAD #:**

**ROAD NAME:** Mesabi Trail      **BRIDGE #:** NA      **SECTION: / TOWNSHIP:** 62 / RANGE: 15

**ESTIMATED COST:** \$800,000.00      **FUNDING SOURCE:** Federal

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$400,000.00	\$400,000.00	\$800,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 3722 - SP 69-090-23 - Ped/Bike Trail -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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) - TH 135 (1 miles S. of Embarrass River) to CSAH 21 & CR 362 in Embarrass

**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 #:** 3722      **STATE PROJECT #:** SP 69-090-23      **ROAD #:**

**ROAD NAME:** Mesabi Trail      **BRIDGE #:** NA      **SECTION:** 19 / **TOWNSHIP:** 59 / **RANGE:** 15

**ESTIMATED COST:** \$800,000.00      **FUNDING SOURCE:** Federal

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$0.00	\$800,000.00	\$800,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 154659 - MP 154659 - Reconstruction -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 - (Virg. Gar. Ent.) - TH #135 at Virginia Garage Entrance

**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 #:** 154659      **STATE PROJECT #:** MP 154659      **ROAD #:**

**ROAD NAME:** Virg. Gar. Ent.      **BRIDGE #:** NA      **SECTION:** 21 / **TOWNSHIP:** 58 / **RANGE:** 17

**ESTIMATED COST:** \$200,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$0.00	\$200,000.00	\$200,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 180554 - SP 88-070-037 - Striping -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

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

**PROJECT DESCRIPTION AND LOCATION:** Striping - ( ) - 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:** Minimal effect on operating budget.

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 180554

**STATE PROJECT #:** SP 88-070-037

**ROAD #:**

**ROAD NAME:**

**BRIDGE #:** NA

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

**ESTIMATED COST:** \$804,000.00

**FUNDING SOURCE:** Federal

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$21,681.00	\$0.00	\$723,700.00	\$58,619.00	\$804,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 8236 - SP 69-609-32(TL5) - Mill & Overlay, Edge Drains - CSAH 9

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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, Edge Drains - CSAH 9 (Martin Rd.) - CSAH 4 to CSAH 36 (Arnold Rd.) (Tied with CSAH 10 project)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 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 #:** 8236      **STATE PROJECT #:** SP 69-609-32(TL5)      **ROAD #:** CSAH 9

**ROAD NAME:** Martin Rd.      **BRIDGE #:** NA      **SECTION:** 29 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$2,557,500.00      **FUNDING SOURCE:** Federal

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$2,557,500.00	\$0.00	\$2,557,500.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 177718 - SAP 69-610-010 - Bridge Construction - CSAH 10

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

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

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 10 (Strand Rd.) - CSAH 10 OVER STREAM, 0.5 miles W. of CSAH 12

**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 #:** 177718      **STATE PROJECT #:** SAP 69-610-010      **ROAD #:** CSAH 10

**ROAD NAME:** Strand Rd.      **BRIDGE #:** 81      **SECTION:** 21 / **TOWNSHIP:** 51 / **RANGE:** 13

**ESTIMATED COST:** \$400,000.00      **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$400,000.00	\$0.00	\$400,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 8237 - SP 69-610-006(T5) - Mill & Overlay, Edge Drains - CSAH 10

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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, Edge Drains - CSAH 10 (Martin Rd.) - CSAH 36 (Arnold Rd.) to CSAH 37 (Tied with CSAH 9 project)

**ATTACHMENTS PREPARED:** See attached maps series titled "St. Louis County 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 #:** 8237      **STATE PROJECT #:** SP 69-610-006(T5)      **ROAD #:** CSAH 10

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

**ESTIMATED COST:** \$2,134,692.00      **FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$2,134,692.00	\$0.00	\$2,134,692.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 161448 - SP 69-613-037 - Culvert Construction - CSAH 13

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 Construction - CSAH 13 (Midway Rd.) - CR 897 (Grandview Rd.) 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 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 #:** 161448      **STATE PROJECT #:** SP 69-613-037      **ROAD #:** CSAH 13

**ROAD NAME:** Midway Rd.      **BRIDGE #:** NA      **SECTION:** 2 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$550,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$550,000.00	\$0.00	\$550,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 159990 - MP 14-159990(T4) - Culvert Replacement - CSAH 14

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 14 (Thompson Hill) - C.R. 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 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 #:** 159990      **STATE PROJECT #:** MP 14-159990(T4)      **ROAD #:** CSAH 14

**ROAD NAME:** Thompson Hill      **BRIDGE #:** NA      **SECTION:** 21 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$65,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$65,000.00	\$0.00	\$0.00	\$0.00	\$65,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 174690 - SAP 69-616-052 - Bridge Construction - CSAH 16

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 16 (Town Line Rd.) - From 2.4 mi. W. of Jct. of CSAH 5 to 2.6 mi. W. of Jct. of CSAH 5 over Barber Cr

**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 #: 174690      STATE PROJECT #: SAP 69-616-052      ROAD #: CSAH 16

ROAD NAME: Town Line Rd.      BRIDGE #: 862      SECTION: 34 / TOWNSHIP: 57 / RANGE: 20

ESTIMATED COST: \$513,959.00      FUNDING SOURCE: Br. Bond

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$513,959.00	\$0.00	\$513,959.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9297 - SAP 69-616-046 - Reclaim & Overlay - CSAH 16

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement 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 (W. Town Line Rd) - CR 444 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 #: 9297

STATE PROJECT #: SAP 69-616-046

ROAD #: CSAH 16

ROAD NAME: W. Town Line Rd

BRIDGE #: NA

SECTION: 5 / TOWNSHIP: 56 / RANGE: 20

ESTIMATED COST: \$1,729,514.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$1,729,514.00	\$0.00	\$1,729,514.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 63797 - SP 69-616-049 - Reclaim & Overlay - CSAH 16

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement 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 C.R. 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 #: SP 69-616-049

ROAD #: CSAH 16

ROAD NAME: Town Line Rd.

BRIDGE #: NA

SECTION: 32 / TOWNSHIP: 57 / RANGE: 15

ESTIMATED COST: \$3,200,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$3,200,000.00	\$0.00	\$3,200,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 139644 - SAP 69-621-033 - Bridge Construction - CSAH 21

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 21 (Hwy. 21) - 0.35 mi. w of CR 775 to 0.25 mi. w of CR 755

**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 #: 139644

STATE PROJECT #: SAP 69-621-033

ROAD #: CSAH 21

ROAD NAME: Hwy. 21

BRIDGE #: 519

SECTION: 12 / TOWNSHIP: 60 / RANGE: 15

ESTIMATED COST: \$498,989.00

FUNDING SOURCE: Br. Bond

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$498,989.00	\$0.00	\$498,989.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 185332 - MP 21-185332 - Culvert Replacement - CSAH 21

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 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 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 #:** 185332      **STATE PROJECT #:** MP 21-185332      **ROAD #:** CSAH 21

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

**ESTIMATED COST:** \$700,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$700,000.00	\$0.00	\$0.00	\$0.00	\$700,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 9291 - MP 24-9291 - Reclaim & Overlay - CSAH 24

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement 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) - From Twp Rd. #4517 (Rapp Rd.) to County Road 426 (Susan 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 #:** 9291

**STATE PROJECT #:** MP 24-9291

**ROAD #:** CSAH 24

**ROAD NAME:** Vermilion Drive

**BRIDGE #:** NA

**SECTION:** 8 / **TOWNSHIP:** 63 / **RANGE:** 18

**ESTIMATED COST:** \$600,000.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$600,000.00	\$0.00	\$0.00	\$0.00	\$600,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 177720 - SAP 69-631-008 - Bridge Construction - CSAH 31

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 31 (2nd Ave.) - Over Stoney Brook 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 #: 177720

STATE PROJECT #: SAP 69-631-008

ROAD #: CSAH 31

ROAD NAME: 2nd Ave.

BRIDGE #: 148

SECTION: 34 / TOWNSHIP: 51 / RANGE: 18

ESTIMATED COST: \$550,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$550,000.00	\$0.00	\$550,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 180241 - MP 36-180241 - Culvert Replacement - CSAH 36

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 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 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 #:** 180241      **STATE PROJECT #:** MP 36-180241      **ROAD #:** CSAH 36

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

**ESTIMATED COST:** \$350,000.00      **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$350,000.00	\$0.00	\$0.00	\$0.00	\$350,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9573 - MP 44-9573 - Bridge Construction - CSAH 44

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CSAH 44 (Co.Br. 409) - Over Indian 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 #: 9573

STATE PROJECT #: MP 44-9573

ROAD #: CSAH 44

ROAD NAME: Co.Br. 409

BRIDGE #: 409

SECTION: 22 / TOWNSHIP: 56 / RANGE: 12

ESTIMATED COST: \$447,723.80

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$447,723.80	\$0.00	\$0.00	\$0.00	\$447,723.80	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 1023 - MP 44-1023 - Reclaim & Overlay - CSAH 44

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 44 (Normanna Rd.) - CSAH 34(Howard Gnesen Rd.) to CSAH 37(Jean Duluth 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 #: 1023      STATE PROJECT #: MP 44-1023      ROAD #: CSAH 44

ROAD NAME: Normanna Rd.      BRIDGE #: NA      SECTION: 15 / TOWNSHIP: 52 / RANGE: 14

ESTIMATED COST: \$722,834.00      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$722,834.00	\$0.00	\$0.00	\$0.00	\$722,834.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 159992 - MP 45-159992(T4) - Culvert Replacement - CSAH 45

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 45 (N. Cloquet Rd.) - Carlton County Line to CSAH 13 (Midway Rd.)

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

**EFFECT ON OPERATING BUDGET:** A new 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 #:** 159992      **STATE PROJECT #:** MP 45-159992(T4)      **ROAD #:** CSAH 45

**ROAD NAME:** N. Cloquet Rd.      **BRIDGE #:** NA      **SECTION:** 7 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$15,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 177719 - SAP 69-656-017 - Bridge Construction - CSAH 56

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 56 (Morris Thomas) - CSAH 56 OVER MIDWAY RIVER, 1 mi. W. of Ugstad. 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 #:** 177719      **STATE PROJECT #:** SAP 69-656-017      **ROAD #:** CSAH 56

**ROAD NAME:** Morris Thomas      **BRIDGE #:** 122      **SECTION:** 28 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$500,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$500,000.00	\$0.00	\$500,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 97084 - SP 69-00192 - RR Xing Improvement - CSAH 59

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

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

**PROJECT DESCRIPTION AND LOCATION:** RR Xing Improvement - CSAH 59 (Melrude Rd.) - CN RR Xing at the intersection of CR 542, USDOT #260112P near Melrude

**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 #:** 97084      **STATE PROJECT #:** SP 69-00192      **ROAD #:** CSAH 59

**ROAD NAME:** Melrude Rd.      **BRIDGE #:** NA      **SECTION:** 19 / **TOWNSHIP:** 55 / **RANGE:** 16

**ESTIMATED COST:** \$192,858.00      **FUNDING SOURCE:** Federal

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$192,858.00	\$0.00	\$192,858.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 163894 - SAP 69-661-017 - Culvert Construction - CSAH 61

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 Construction - CSAH 61 (North Shore Dr.) - CSAH 50 to the Lake County Line

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

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

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 163894      **STATE PROJECT #:** SAP 69-661-017      **ROAD #:** CSAH 61

**ROAD NAME:** North Shore Dr.      **BRIDGE #:** NA      **SECTION:** 17 / **TOWNSHIP:** 51 / **RANGE:** 12

**ESTIMATED COST:** \$1,800,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$1,800,000.00	\$0.00	\$1,800,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 92481 - MP 65-92481 - Intersection Realignment - CSAH 65

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

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

**PROJECT DESCRIPTION AND LOCATION:** Intersection Realignment - CSAH 65 (Hwy. 65) - Intersection of CSAH 65 (Hwy 65) and U.T. 8132 (Folsom Rd.)

**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 #:** 92481      **STATE PROJECT #:** MP 65-92481      **ROAD #:** CSAH 65

**ROAD NAME:** Hwy. 65      **BRIDGE #:** NA      **SECTION:** 23 / **TOWNSHIP:** 60 / **RANGE:** 19

**ESTIMATED COST:** \$0.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97089 - MP 65-97089(LT3) - Reclaim & Overlay - CSAH 65

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 65 (Hwy. 65) - CSAH 25 to CSAH 106 (Old 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 #: 97089      STATE PROJECT #: MP 65-97089(LT3)      ROAD #: CSAH 65

ROAD NAME: Hwy. 65      BRIDGE #: NA      SECTION: 16 / TOWNSHIP: 60 / RANGE: 19

ESTIMATED COST: \$1,448,227.64      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$1,448,227.64	\$0.00	\$0.00	\$0.00	\$1,448,227.64	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 174509 - SAP 69-667-006 - Mill & Overlay - CSAH 67

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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 67 (4th Ave.) - E. Lake Street to CSAH 66

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 174509      STATE PROJECT #: SAP 69-667-006      ROAD #: CSAH 67

ROAD NAME: 4th Ave.      BRIDGE #: NA      SECTION: 22 / TOWNSHIP: 58 / RANGE: 20

ESTIMATED COST: \$1,014,000.00      FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$1,014,000.00	\$0.00	\$1,014,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 159993 - MP 73-159993(T4) - Culvert Replacement - CSAH 73

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 73 (Old Hwy. 61) - CSAH 13(Midway Rd.) to C.R. 898(Lindahl 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 #:** 159993      **STATE PROJECT #:** MP 73-159993(T4)      **ROAD #:** CSAH 73

**ROAD NAME:** Old Hwy. 61      **BRIDGE #:** NA      **SECTION:** 20 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$35,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$35,000.00	\$0.00	\$0.00	\$0.00	\$35,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 183523 - MP 90-183523 - Traffic Signals - CSAH 90

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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

PROJECT DESCRIPTION AND LOCATION: Traffic Signals - CSAH 90 (Arlington Ave.) - Intersection of CSAH 90 (Arlington Ave.) and TH 194 (Central Ent.)

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 #: 183523

STATE PROJECT #: MP 90-183523

ROAD #: CSAH 90

ROAD NAME: Arlington Ave.

BRIDGE #: NA

SECTION: 20 / TOWNSHIP: 50 / RANGE: 14

ESTIMATED COST: \$75,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$75,000.00	\$0.00	\$0.00	\$0.00	\$75,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 1486 - MP 96-1486 - Reclaim & Overlay - CSAH 96

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement 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 96 (Ely Lake Drive) - CSAH 132 to CSAH 97

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

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

### PROJECT INFORMATION

**COUNTY PROJECT #:** 1486

**STATE PROJECT #:** MP 96-1486

**ROAD #:** CSAH 96

**ROAD NAME:** Ely Lake Drive

**BRIDGE #:** NA

**SECTION:** 9 / **TOWNSHIP:** 57 / **RANGE:** 17

**ESTIMATED COST:** \$900,000.00

**FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$900,000.00	\$0.00	\$0.00	\$0.00	\$900,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 9589 - SAP 69-697-005 - Bridge Construction - CSAH 97

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 97 (Ajax Rd.) - CSAH 97 (Ajax Rd.) 0.5 miles west of CSAH 4

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

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

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 9589      **STATE PROJECT #:** SAP 69-697-005      **ROAD #:** CSAH 97

**ROAD NAME:** Ajax Rd.      **BRIDGE #:** 491      **SECTION:** 27 / **TOWNSHIP:** 58 / **RANGE:** 16

**ESTIMATED COST:** \$718,329.00      **FUNDING SOURCE:** Br. Bond

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$718,329.00	\$0.00	\$718,329.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 180378 - SAP 69-697-XXX - Reclaim & Overlay - CSAH 97

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

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

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 97 (Hwy. 97) - TH #37 to CSAH 96 (Ely Lake Drive)

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

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

### PROJECT INFORMATION

**COUNTY PROJECT #:** 180378      **STATE PROJECT #:** SAP 69-697-XXX      **ROAD #:** CSAH 97

**ROAD NAME:** Hwy. 97      **BRIDGE #:** NA      **SECTION:** 34 / **TOWNSHIP:** 58 / **RANGE:** 17

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

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$1,000,000.00	\$0.00	\$1,000,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 76916 - SAP 69-702-??? - New Construction - CSAH 102

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

PROJECT PURPOSE AND JUSTIFICATION: Traffic and existing capacity and connectivity deficiencies require new highway construction to meet the projected needs of the road network.

PROJECT DESCRIPTION AND LOCATION: New Construction - CSAH 102 (Frontage Rd.) - CSAH 102 to CSAH 109 in Mountain Iron

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

EFFECT ON OPERATING BUDGET: The construction of new roadway may require increased maintainance resources, but it may also lessen the impact of traffic on other existing bridge and road assets.

### PROJECT INFORMATION

COUNTY PROJECT #: 76916      STATE PROJECT #: SAP 69-702-???      ROAD #: CSAH 102

ROAD NAME: Frontage Rd.      BRIDGE #: NA      SECTION: 10 / TOWNSHIP: 58 / RANGE: 18

ESTIMATED COST: \$2,750,000.00      FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$2,750,000.00	\$0.00	\$2,750,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 149178 - MP 133-149178 - Culvert Replacement - CSAH 133

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 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 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 #:** 149178      **STATE PROJECT #:** MP 133-149178      **ROAD #:** CSAH 133

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

**ESTIMATED COST:** \$300,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 8297 - SAP 69-746-001 (LT2) - Complete Rebuild - CSAH 146

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 146 (Jones St.) - Van Buren Avenue to Hat Trick Ave. in Eveleth

**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 #:** 8297      **STATE PROJECT #:** SAP 69-746-001 (LT2)      **ROAD #:** CSAH 146

**ROAD NAME:** Jones St.      **BRIDGE #:** NA      **SECTION:** 32 / **TOWNSHIP:** 58 / **RANGE:** 17

**ESTIMATED COST:** \$800,000.00      **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$800,000.00	\$0.00	\$800,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 8298 - SAP 69-747-001 (T2) - Complete Rebuild - CSAH 147

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 147 (Jones St.) - Douglas Avenue to Van Buren Avenue in Eveleth

**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 #:** 8298

**STATE PROJECT #:** SAP 69-747-001 (T2)

**ROAD #:** CSAH 147

**ROAD NAME:** Jones St.

**BRIDGE #:** NA

**SECTION:** 31 / **TOWNSHIP:** 58 / **RANGE:** 17

**ESTIMATED COST:** \$1,500,000.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$1,500,000.00	\$0.00	\$1,500,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 177725 - SAP 69-598-049 - Bridge Construction - CR 192

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 192 (Stremel Rd.) - 1.25 miles N. of CSAH 29

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

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

### PROJECT INFORMATION

COUNTY PROJECT #: 177725      STATE PROJECT #: SAP 69-598-049      ROAD #: CR 192

ROAD NAME: Stremel Rd.      BRIDGE #: 251      SECTION: 21 / TOWNSHIP: 52 / RANGE: 20

ESTIMATED COST: \$132,382.00      FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$132,382.00	\$0.00	\$132,382.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 177723 - SAP 69-598-048 - Bridge Construction - CR 211

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 211 (Blue Spruce Rd.) - 1.1 miles N. of CSAH 133 over the Little Whiteface River

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

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

### PROJECT INFORMATION

COUNTY PROJECT #: 177723

STATE PROJECT #: SAP 69-598-048

ROAD #: CR 211

ROAD NAME: Blue Spruce Rd.

BRIDGE #: 242

SECTION: 7 / TOWNSHIP: 53 / RANGE: 18

ESTIMATED COST: \$317,425.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$317,425.00	\$0.00	\$317,425.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 177717 - SAP 69-598-045 - Bridge Construction - CR 253

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 253 (Ives Rd.) - CR 253 (Ives Rd.)  
0.2 miles E. of Jct. of CSAH 41 over the 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 #:** 177717

**STATE PROJECT #:** SAP 69-598-045

**ROAD #:** CR 253

**ROAD NAME:** Ives Rd.

**BRIDGE #:** 68

**SECTION:** 36 / **TOWNSHIP:** 53 / **RANGE:** 12

**ESTIMATED COST:** \$270,671.00

**FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$270,671.00	\$0.00	\$270,671.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 177713 - SAP 69-598-043 - Bridge Construction - CR 255

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 255 (Shilhon Rd.) - CR 255 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 #:** 177713      **STATE PROJECT #:** SAP 69-598-043      **ROAD #:** CR 255

**ROAD NAME:** Shilhon Rd.      **BRIDGE #:** 50      **SECTION:** 26 / **TOWNSHIP:** 52 / **RANGE:** 12

**ESTIMATED COST:** \$400,000.00      **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$400,000.00	\$0.00	\$400,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 177716 - SAP 69-598-044 - Bridge Construction - CR 266

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 266 (Two Harbors Rd.) - CR 266 0.8 miles W. of CSAH 41 over the 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 #: 177716

STATE PROJECT #: SAP 69-598-044

ROAD #: CR 266

ROAD NAME: Two Harbors Rd.

BRIDGE #: 67

SECTION: 35 / TOWNSHIP: 53 / RANGE: 12

ESTIMATED COST: \$400,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$400,000.00	\$0.00	\$400,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 185892 - MP 266-185892(FS) - Bridge Construction - CR 266

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 266 (Rossini Rd.) - 2.1 mi. E. of Jct. CSAH 44 to 2.2 mi. E. of Jct CSAH 44

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

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

### PROJECT INFORMATION

COUNTY PROJECT #: 185892

STATE PROJECT #: MP 266-185892(FS)

ROAD #: CR 266

ROAD NAME: Rossini Rd.

BRIDGE #: 832

SECTION: 21 / TOWNSHIP: 54 / RANGE: 12

ESTIMATED COST: \$100,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$100,000.00	\$0.00	\$0.00	\$0.00	\$100,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 177712 - SAP 69-598-042 - Bridge Construction - CR 281

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 281 (S. Cant Rd.) - CR 281 OVER TALMADGE 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 #: 177712

STATE PROJECT #: SAP 69-598-042

ROAD #: CR 281

ROAD NAME: S. Cant Rd.

BRIDGE #: 25

SECTION: 13 / TOWNSHIP: 51 / RANGE: 13

ESTIMATED COST: \$375,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$375,000.00	\$0.00	\$375,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 177705 - SAP 69-598-041 - Bridge Construction - CR 284

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 284 (Dr. to Railyard) - 200' north of Ugstad Road

**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 #: 177705

STATE PROJECT #: SAP 69-598-041

ROAD #: CR 284

ROAD NAME: Dr. to Railyard

BRIDGE #: 14

SECTION: 4 / TOWNSHIP: 49 / RANGE: 15

ESTIMATED COST: \$238,275.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$238,275.00	\$0.00	\$238,275.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 182669 - SAP 69-598-053 - Bridge Construction - CR 444

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

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

**PROJECT DESCRIPTION AND LOCATION:** Bridge Construction - CR 444 (C.R. #444) - 0.55 mi. S. of CSAH 16 to 0.65 mi. S. of CSAH 16

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

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

### PROJECT INFORMATION

COUNTY PROJECT #: 182669

STATE PROJECT #: SAP 69-598-053

ROAD #: CR 444

ROAD NAME: C.R. #444

BRIDGE #: 784

SECTION: 5 / TOWNSHIP: 56 / RANGE: 20

ESTIMATED COST: \$286,614.00

FUNDING SOURCE: Br. Bond

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$87,780.00	\$0.00	\$198,834.00	\$0.00	\$286,614.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153275 - MP 525-153275 (LT1) - Bituminous Overlay - CR 525

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 525 (Esquagama Rd) - UT 9228 to UT 9228

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

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

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 153275      **STATE PROJECT #:** MP 525-153275 (LT1)      **ROAD #:** CR 525

**ROAD NAME:** Esquagama Rd      **BRIDGE #:** NA      **SECTION:** 33 / **TOWNSHIP:** 58 / **RANGE:** 16

**ESTIMATED COST:** \$45,689.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$45,689.00	\$0.00	\$0.00	\$0.00	\$45,689.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 128461 - SAP 69-598-039 - Bridge Construction - CR 615

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 615 (W. Salo Rd.) - 0.50 mi. E. of Jct CSAH 21 to 0.70 mi. E. Jct CSAH 21

**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 #: 128461

STATE PROJECT #: SAP 69-598-039

ROAD #: CR 615

ROAD NAME: W. Salo Rd.

BRIDGE #: 521

SECTION: 24 / TOWNSHIP: 60 / RANGE: 15

ESTIMATED COST: \$1,011,918.00

FUNDING SOURCE: Br. Bond

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$295,700.00	\$0.00	\$716,218.00	\$0.00	\$1,011,918.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 158301 - SAP 69-598-046 - Bridge Construction - CR 834

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 #:** SAP 69-598-046      **ROAD #:** CR 834

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

**ESTIMATED COST:** \$700,000.00      **FUNDING SOURCE:** Br. Bond

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$700,000.00	\$0.00	\$700,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 155308 - MP 898-155308(LT4) - Culvert Replacement - CR 898

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 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 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 #:** 155308      **STATE PROJECT #:** MP 898-155308(LT4)      **ROAD #:** CR 898

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

**ESTIMATED COST:** \$275,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$275,000.00	\$0.00	\$0.00	\$0.00	\$275,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 177722 - SAP 69-598-047 - Bridge Construction - CR 981

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 981 (Jenkins Rd.) - 0.25 miles S. of CSAH 52 over the Whiteface River

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

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

### PROJECT INFORMATION

COUNTY PROJECT #: 177722

STATE PROJECT #: SAP 69-598-047

ROAD #: CR 981

ROAD NAME: Jenkins Rd.

BRIDGE #: 213

SECTION: 13 / TOWNSHIP: 54 / RANGE: 17

ESTIMATED COST: \$600,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$600,000.00	\$0.00	\$600,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 177721 - SAP 69-599-036 - Bridge Construction - UT 2406

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 2406 (Hill Rd.) - 0.25 mi. N. of C.R. 266 over the W. Branch of the 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 #:** 177721      **STATE PROJECT #:** SAP 69-599-036      **ROAD #:** UT 2406

**ROAD NAME:** Hill Rd.      **BRIDGE #:** 846      **SECTION:** 34 / **TOWNSHIP:** 53 / **RANGE:** 12

**ESTIMATED COST:** \$250,000.00      **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$250,000.00	\$0.00	\$250,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 177733 - SAP 69-599-038 - Bridge Construction - UT 2903

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 2903 (Rice Lake Dam) - 0.5 miles W. of 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 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 #: 177733

STATE PROJECT #: SAP 69-599-038

ROAD #: UT 2903

ROAD NAME: Rice Lake Dam

BRIDGE #: 300

SECTION: 7 / TOWNSHIP: 51 / RANGE: 14

ESTIMATED COST: \$300,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$300,000.00	\$0.00	\$300,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 121198 - SAP 69-600-041 - Reclaim & Overlay - UT 4616

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement 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 4616 (Old TH #169) - OLD TH #169 within Lake Vermilion State Park

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

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

### PROJECT INFORMATION

COUNTY PROJECT #: 121198

STATE PROJECT #: SAP 69-600-041

ROAD #: UT 4616

ROAD NAME: Old TH #169

BRIDGE #: NA

SECTION: 27 / TOWNSHIP: 62 / RANGE: 15

ESTIMATED COST: \$2,641,043.00

FUNDING SOURCE: SPRA

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$2,641,043.00	\$0.00	\$2,641,043.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 177732 - SAP 69-599-037 - Bridge Construction - UT 5164

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2013

**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 5164 (Hinkkanen Rd) - 0.5 miles N. of 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 #: 177732

STATE PROJECT #: SAP 69-599-037

ROAD #: UT 5164

ROAD NAME: Hinkkanen Rd

BRIDGE #: 210

SECTION: 7 / TOWNSHIP: 53 / RANGE: 21

ESTIMATED COST: \$250,000.00

FUNDING SOURCE: Town Br.

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$240,000.00	\$10,000.00	\$250,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 24413 - SAP 69-599-032(FS) - Bridge Construction - UT 8157

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 8157 (Goodell Rd.) - 1.5 miles west of TH 53 over Johnson 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 #:** 24413      **STATE PROJECT #:** SAP 69-599-032(FS)      **ROAD #:** UT 8157

**ROAD NAME:** Goodell Rd.      **BRIDGE #:** 306      **SECTION:** 31 / **TOWNSHIP:** 61 / **RANGE:** 18

**ESTIMATED COST:** \$229,134.00      **FUNDING SOURCE:** Town Br.

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$219,134.00	\$10,000.00	\$229,134.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 142845 - MP 8172-142845(T3) - Reclaim & Overlay - UT 8172

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement 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 8172 (Lake Leander Rd) - CSAH 65 W to CSAH 65 E

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

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

### PROJECT INFORMATION

**COUNTY PROJECT #:** 142845      **STATE PROJECT #:** MP 8172-142845(T3)      **ROAD #:** UT 8172

**ROAD NAME:** Lake Leander Rd      **BRIDGE #:** NA      **SECTION:** 16 / **TOWNSHIP:** 60 / **RANGE:** 19

**ESTIMATED COST:** \$433,120.52      **FUNDING SOURCE:** Unorg. Twp.

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$0.00	\$433,120.52	\$433,120.52	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 128463 - SAP 69-599-030(FS) - Bridge Construction - UT 9111

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 #:** SAP 69-599-030(FS)      **ROAD #:** UT 9111

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

**ESTIMATED COST:** \$400,000.00      **FUNDING SOURCE:** Town Br.

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$390,000.00	\$10,000.00	\$400,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 142846 - MP 9221-142846(T1) - Reclaim & Overlay - UT 9221

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure. This type of improvement 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 9221 (E. Raymond Rd.) - CSAH 4 to CR 525 (Faber 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 #:** 142846      **STATE PROJECT #:** MP 9221-142846(T1)      **ROAD #:** UT 9221

**ROAD NAME:** E. Raymond Rd.      **BRIDGE #:** NA      **SECTION:** 2 / **TOWNSHIP:** 57 / **RANGE:** 16

**ESTIMATED COST:** \$271,418.00      **FUNDING SOURCE:** Unorg. Twp.

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$0.00	\$271,418.00	\$271,418.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 142878 - MP 9228-142878(T1) - Bituminous Overlay - UT 9228

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2013

**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 - UT 9228 (Esquagama Rd.) - CSAH 20 to 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 roadway in a condition acceptable to the driving public.

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 142878      **STATE PROJECT #:** MP 9228-142878(T1)      **ROAD #:** UT 9228

**ROAD NAME:** Esquagama Rd.      **BRIDGE #:** NA      **SECTION:** 4 / **TOWNSHIP:** 57 / **RANGE:** 16

**ESTIMATED COST:** \$585,917.00      **FUNDING SOURCE:** Unorg. Twp.

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2013	\$0.00	\$0.00	\$0.00	\$585,917.00	\$585,917.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - MP ???? - Bridge Projects -

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 Projects - (Bridge Projects) - County Wide

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

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

PROJECT INFORMATION

COUNTY PROJECT #: ???? STATE PROJECT #: MP ???? ROAD #:

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

ESTIMATED COST: \$450,000.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$450,000.00	\$0.00	\$0.00	\$0.00	\$450,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97113 - MP 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 #: MP 97113      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
2014	\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

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

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 - () - 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 #: MP ???? 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
2014	\$540,000.00	\$0.00	\$0.00	\$0.00	\$540,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 106969 - SP 69-090-028 - 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 #:** SP 69-090-028      **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:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SP 69-070-010 - 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 #: ???? STATE PROJECT #: SP 69-070-010 ROAD #:

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

ESTIMATED COST: \$36,000.00 FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$3,600.00	\$0.00	\$32,400.00	\$0.00	\$36,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SP 69-070-011 - 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 #: ???? STATE PROJECT #: SP 69-070-011 ROAD #:

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

ESTIMATED COST: \$343,000.00 FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$34,300.00	\$0.00	\$308,700.00	\$0.00	\$343,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SP 69-070-012 - 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 #: ???? STATE PROJECT #: SP 69-070-012 ROAD #:

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

ESTIMATED COST: \$303,000.00 FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$30,300.00	\$0.00	\$272,700.00	\$0.00	\$303,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 94576 - SAP 69-614-xxx - Reclaim & Overlay - CSAH 14

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 14 (Thompson Hill) - C.R. 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 #: SAP 69-614-xxx

ROAD #: CSAH 14

ROAD NAME: Thompson Hill

BRIDGE #: NA

SECTION: 21 / TOWNSHIP: 49 / RANGE: 15

ESTIMATED COST: \$600,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$600,000.00	\$0.00	\$600,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153268 - SAP 69-616-XXX - Bituminous Overlay - 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, 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 #:** SAP 69-616-XXX      **ROAD #:** CSAH 16

**ROAD NAME:** Townline Road      **BRIDGE #:** NA      **SECTION:** 2 / **TOWNSHIP:** 56 / **RANGE:** 18

**ESTIMATED COST:** \$1,190,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$1,190,000.00	\$0.00	\$1,190,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9312 - SAP 69-621-031 - 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 #: SAP 69-621-031

ROAD #: CSAH 21

ROAD NAME: Hwy. 21

BRIDGE #: NA

SECTION: 21 / TOWNSHIP: 60 / RANGE: 15

ESTIMATED COST: \$3,037,500.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$3,037,500.00	\$0.00	\$3,037,500.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 176286 - SAP 69-622-021 - 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 #:** SAP 69-622-021      **ROAD #:** CSAH 22

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

**ESTIMATED COST:** \$1,750,000.00      **FUNDING SOURCE:** Br. Bond

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$1,750,000.00	\$0.00	\$1,750,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 72597 - SAP 69-625-xxx - Bituminous Overlay - 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, while at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Bituminous Overlay - CSAH 25 (HWY 25) - TH #37 to TH #169

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

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

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 72597      **STATE PROJECT #:** SAP 69-625-xxx      **ROAD #:** CSAH 25

**ROAD NAME:** HWY 25      **BRIDGE #:** NA      **SECTION:** 23 / **TOWNSHIP:** 57 / **RANGE:** 19

**ESTIMATED COST:** \$981,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$981,000.00	\$0.00	\$981,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SAP 69-628-XXX - 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 C.R. 207 (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 #: ???? STATE PROJECT #: SAP 69-628-XXX ROAD #: CSAH 28

ROAD NAME: Sax Rd. BRIDGE #: 396 SECTION: 27 / TOWNSHIP: 55 / RANGE: 18

ESTIMATED COST: \$150,000.00 FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$150,000.00	\$0.00	\$150,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 1240 - MP 33-1240 - 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 #: MP 33-1240

ROAD #: CSAH 33

ROAD NAME: McQuade Rd.

BRIDGE #: NA

SECTION: 36 / TOWNSHIP: 52 / RANGE: 13

ESTIMATED COST: \$600,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$600,000.00	\$0.00	\$0.00	\$0.00	\$600,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 180381 - MP 36-180381 - 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 #:** MP 36-180381      **ROAD #:** CSAH 36

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

**ESTIMATED COST:** \$1,500,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$1,500,000.00	\$0.00	\$0.00	\$0.00	\$1,500,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153278 - SAP 69-644-xxx - Chip Seal - CSAH 44

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 44 (Pequaywan Lk Rd) - 1.4 mi. N. of C.R. 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 #: SAP 69-644-xxx

ROAD #: CSAH 44

ROAD NAME: Pequaywan Lk Rd

BRIDGE #: NA

SECTION: 3 / TOWNSHIP: 55 / RANGE: 12

ESTIMATED COST: \$190,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$190,000.00	\$0.00	\$190,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 94661 - MP 45-94661 - Reclaim & Overlay - CSAH 45

**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 45 (N. Cloquet Rd.) - Carlton County Line to CSAH 13 (Midway Rd.)

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

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

### PROJECT INFORMATION

**COUNTY PROJECT #:** 94661      **STATE PROJECT #:** MP 45-94661      **ROAD #:** CSAH 45

**ROAD NAME:** N. Cloquet Rd.      **BRIDGE #:** NA      **SECTION:** 7 / **TOWNSHIP:** 49 / **RANGE:** 15

**ESTIMATED COST:** \$355,470.00      **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$355,470.00	\$0.00	\$0.00	\$0.00	\$355,470.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 94660 - SAP 69-673-xxx - Reclaim & Overlay - CSAH 73

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 73 (Old Hwy. 61) - CSAH 13(Midway Rd.) to C.R. 898(Lindahl 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 #: 94660

STATE PROJECT #: SAP 69-673-xxx

ROAD #: CSAH 73

ROAD NAME: Old Hwy. 61

BRIDGE #: NA

SECTION: 20 / TOWNSHIP: 49 / RANGE: 15

ESTIMATED COST: \$318,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$318,000.00	\$0.00	\$318,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153294 - MP 77-153294 - Bituminous 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, while at the same time, improving ride quality for the traveling public.

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

PROJECT INFORMATION

COUNTY PROJECT #: 153294      STATE PROJECT #: MP 77-153294      ROAD #: CSAH 77

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

ESTIMATED COST: \$380,000.00      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$380,000.00	\$0.00	\$0.00	\$0.00	\$380,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153295 - MP 77-153295 - 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 #: MP 77-153295

ROAD #: CSAH 77

ROAD NAME: Old Highway 77

BRIDGE #: NA

SECTION: 17 / TOWNSHIP: 62 / RANGE: 16

ESTIMATED COST: \$210,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$210,000.00	\$0.00	\$0.00	\$0.00	\$210,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 183085 - SAP 69-689-010 - 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 #:** SAP 69-689-010      **ROAD #:** CSAH 89

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

**ESTIMATED COST:** \$2,250,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$2,250,000.00	\$0.00	\$2,250,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 176509 - SAP 69-689-004(Low) - 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 #:** SAP 69-689-004(Low)      **ROAD #:** CSAH 89

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

**ESTIMATED COST:** \$5,500,000.00      **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$5,500,000.00	\$0.00	\$5,500,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153277 - SAP 69-710-xxx - Chip Seal - CSAH 110

**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 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 #:** SAP 69-710-xxx      **ROAD #:** CSAH 110

**ROAD NAME:** CSAH 110      **BRIDGE #:** NA      **SECTION:** 32 / **TOWNSHIP:** 57 / **RANGE:** 13

**ESTIMATED COST:** \$354,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$354,000.00	\$0.00	\$354,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 1263 - SP 69-733-024 - 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 #: SP 69-733-024

ROAD #: CSAH 133

ROAD NAME: Hwy 133

BRIDGE #: NA

SECTION: 15 / TOWNSHIP: 53 / RANGE: 21

ESTIMATED COST: \$4,169,905.00

FUNDING SOURCE: Federal

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$4,169,905.00	\$0.00	\$4,169,905.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 169713 - MP 220-169713(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 #:** MP 220-169713(FS)      **ROAD #:** CR 220

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

**ESTIMATED COST:** \$100,000.00      **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$100,000.00	\$0.00	\$0.00	\$0.00	\$100,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153297 - MP 329-153297 - 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 #:** MP 329-153297      **ROAD #:** CR 329

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

**ESTIMATED COST:** \$243,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$243,000.00	\$0.00	\$0.00	\$0.00	\$243,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - MP 368-???? - 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 C.R. 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 #:** ???? **STATE PROJECT #:** MP 368-???? **ROAD #:** CR 368

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

**ESTIMATED COST:** \$150,000.00 **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$150,000.00	\$0.00	\$0.00	\$0.00	\$150,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153299 - MP 383-153299 - 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 #: MP 383-153299      ROAD #: CR 383

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

ESTIMATED COST: \$39,000.00      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$39,000.00	\$0.00	\$0.00	\$0.00	\$39,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153292 - MP 414-153292 - Reclaim & Overlay - 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. This type of improvement 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 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 #: MP 414-153292

ROAD #: CR 414

ROAD NAME: Everett Pt Rd.

BRIDGE #: NA

SECTION: 22 / TOWNSHIP: 62 / RANGE: 16

ESTIMATED COST: \$390,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$390,000.00	\$0.00	\$0.00	\$0.00	\$390,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153288 - MP 415-153288 - 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 #: MP 415-153288

ROAD #: CR 415

ROAD NAME: Arrowhead Pt Rd

BRIDGE #: NA

SECTION: 3 / TOWNSHIP: 62 / RANGE: 16

ESTIMATED COST: \$105,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$105,000.00	\$0.00	\$0.00	\$0.00	\$105,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 142320 - MP 540-142320 - Reconstruction - 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. 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 - CR 540 (E. Olson Rd.) - CR 938 (Alango Rd.) to TH 53

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

**EFFECT ON OPERATING BUDGET:** A new driving surface, 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 #: 142320

STATE PROJECT #: MP 540-142320

ROAD #: CR 540

ROAD NAME: E. Olson Rd.

BRIDGE #: NA

SECTION: 4 / TOWNSHIP: 62 / RANGE: 19

ESTIMATED COST: \$85,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$85,000.00	\$0.00	\$0.00	\$0.00	\$85,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153290 - MP 651-153290 - Bituminous Overlay - 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 at the same time, improving ride quality for the traveling public.

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

PROJECT INFORMATION

COUNTY PROJECT #: 153290      STATE PROJECT #: MP 651-153290      ROAD #: CR 651

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

ESTIMATED COST: \$165,000.00      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$165,000.00	\$0.00	\$0.00	\$0.00	\$165,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153293 - MP 676-153293 - Bituminous Overlay - 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 at the same time, improving ride quality for the traveling public.

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

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 153293      **STATE PROJECT #:** MP 676-153293      **ROAD #:** CR 676

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

**ESTIMATED COST:** \$121,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$121,000.00	\$0.00	\$0.00	\$0.00	\$121,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 185317 - SAP 69-598-XXX - 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 C.R. 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 #: SAP 69-598-XXX

ROAD #: CR 696

ROAD NAME: St. Louis River

BRIDGE #: 123

SECTION: 6 / TOWNSHIP: 49 / RANGE: 15

ESTIMATED COST: \$600,000.00

FUNDING SOURCE: Br. Bond

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$200,000.00	\$0.00	\$400,000.00	\$0.00	\$600,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153301 - MP 755-153301 - 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 #:** MP 755-153301      **ROAD #:** CR 755

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

**ESTIMATED COST:** \$41,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$41,000.00	\$0.00	\$0.00	\$0.00	\$41,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153300 - MP 776-153300 - 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 #:** MP 776-153300      **ROAD #:** CR 776

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

**ESTIMATED COST:** \$191,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$191,000.00	\$0.00	\$0.00	\$0.00	\$191,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 97031 - MP 832-97031 - Reclaim & Overlay - CR 832

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 832 (Ash St. & 7th A) - C.R. 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 #: MP 832-97031

ROAD #: CR 832

ROAD NAME: Ash St. & 7th A

BRIDGE #: NA

SECTION: 6 / TOWNSHIP: 51 / RANGE: 20

ESTIMATED COST: \$200,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$200,000.00	\$0.00	\$0.00	\$0.00	\$200,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 94662 - MP 898-94662 - 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 #: MP 898-94662

ROAD #: CR 898

ROAD NAME: Lindahl Rd.

BRIDGE #: NA

SECTION: 20 / TOWNSHIP: 49 / RANGE: 15

ESTIMATED COST: \$870,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$870,000.00	\$0.00	\$0.00	\$0.00	\$870,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153289 - MP 929-153289 - Bituminous 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, while at the same time, improving ride quality for the traveling public.

PROJECT DESCRIPTION AND LOCATION: Bituminous 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 roadway in a condition acceptable to the driving public.

PROJECT INFORMATION

COUNTY PROJECT #: 153289      STATE PROJECT #: MP 929-153289      ROAD #: CR 929

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

ESTIMATED COST: \$154,000.00      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$154,000.00	\$0.00	\$0.00	\$0.00	\$154,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 142319 - MP 938-142319 - Reconstruction - CR 938

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:** Reconstruction - CR 938 (Alango Rd.) - TH 1 to int. 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 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 #: 142319

STATE PROJECT #: MP 938-142319

ROAD #: CR 938

ROAD NAME: Alango Rd.

BRIDGE #: NA

SECTION: 8 / TOWNSHIP: 62 / RANGE: 19

ESTIMATED COST: \$200,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$200,000.00	\$0.00	\$0.00	\$0.00	\$200,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 128464 - MP 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 #: MP 8109-128464      ROAD #: UT 8109

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

ESTIMATED COST: \$350,000.00      FUNDING SOURCE: Unorg. Twp.

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$0.00	\$350,000.00	\$350,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 128459 - SAP 69-599-034(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 #:** SAP 69-599-034(FS)      **ROAD #:** UT 9111

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

**ESTIMATED COST:** \$350,000.00      **FUNDING SOURCE:** Town Br.

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2014	\$0.00	\$0.00	\$340,000.00	\$10,000.00	\$350,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - MP ???? - 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 #: ???? STATE PROJECT #: MP ???? 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
2015	\$400,000.00	\$0.00	\$0.00	\$0.00	\$400,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - MP ???? - 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 #: MP ???? 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
2015	\$540,000.00	\$0.00	\$0.00	\$0.00	\$540,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SP 69-070-015 - 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 #: ???? STATE PROJECT #: SP 69-070-015 ROAD #:

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

ESTIMATED COST: \$130,000.00

FUNDING SOURCE: Federal

FUNDING BREAKDOWN

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

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SP 69-070-016 - 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 #: ???? STATE PROJECT #: SP 69-070-016 ROAD #:

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

ESTIMATED COST: \$116,000.00 FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$11,600.00	\$0.00	\$104,400.00	\$0.00	\$116,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 127243 - SP 69-090-030 - 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 - (Mesabi Trail) - TH #169 to Robinson Lake (Soudan to Ely corridor)

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 #: 127243

STATE PROJECT #: SP 69-090-030

ROAD #:

ROAD NAME: Mesabi Trail

BRIDGE #: NA

SECTION: 26 / TOWNSHIP: 62 / RANGE: 15

ESTIMATED COST: \$1,100,000.00

FUNDING SOURCE: Federal

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$393,600.00	\$706,400.00	\$1,100,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 127242 - SP 69-090-029 - 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 - () - 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 #: SP 69-090-029      ROAD #:

ROAD NAME:      BRIDGE #: NA      SECTION: 15 / TOWNSHIP: 58 / RANGE: 18

ESTIMATED COST: \$343,200.00      FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$274,560.00	\$68,640.00	\$343,200.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SP 69-070-014 - 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 #: ???? STATE PROJECT #: SP 69-070-014 ROAD #:

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

ESTIMATED COST: \$105,000.00 FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$10,500.00	\$0.00	\$94,500.00	\$0.00	\$105,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SP 69-070-013 - 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 #: ????

STATE PROJECT #: SP 69-070-013

ROAD #:

ROAD NAME:

BRIDGE #: NA

SECTION: / TOWNSHIP: / RANGE:

ESTIMATED COST: \$309,000.00

FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$23,400.00	\$0.00	\$210,600.00	\$75,000.00	\$309,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153440 - MP 4-153440 - 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 #:** MP 4-153440      **ROAD #:** CSAH 4

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

**ESTIMATED COST:** \$197,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$197,000.00	\$0.00	\$0.00	\$0.00	\$197,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SP 69-00194 - 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 #: ???? STATE PROJECT #: SP 69-00194 ROAD #: CSAH 6

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

ESTIMATED COST: \$275,000.00 FUNDING SOURCE: Federal

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$275,000.00	\$0.00	\$275,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153439 - MP 7-153439 - 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 #: MP 7-153439

ROAD #: CSAH 7

ROAD NAME: Hwy. #7

BRIDGE #: NA

SECTION: 22 / TOWNSHIP: 55 / RANGE: 18

ESTIMATED COST: \$350,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$350,000.00	\$0.00	\$0.00	\$0.00	\$350,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 97090 - SP 69-00193 - 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 #:** SP 69-00193      **ROAD #:** CSAH 7

**ROAD NAME:** Hwy. #7      **BRIDGE #:** NA      **SECTION:** 35 / **TOWNSHIP:** 58 / **RANGE:** 18

**ESTIMATED COST:** \$350,000.00      **FUNDING SOURCE:** Federal

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$350,000.00	\$0.00	\$350,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153304 - SAP 69-609-xxx - 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 #: SAP 69-609-xxx      ROAD #: CSAH 9

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

ESTIMATED COST: \$176,000.00      FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$176,000.00	\$0.00	\$176,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153309 - SAP 69-609-xxx - 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 #:** SAP 69-609-xxx      **ROAD #:** CSAH 9

**ROAD NAME:** Caribou Lake Rd      **BRIDGE #:** NA      **SECTION:** 26 / **TOWNSHIP:** 51 / **RANGE:** 16

**ESTIMATED COST:** \$225,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$225,000.00	\$0.00	\$225,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 126598 - SP 69-609-038 - 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 #: SP 69-609-038

ROAD #: CSAH 9

ROAD NAME: Martin Rd.

BRIDGE #: NA

SECTION: 29 / TOWNSHIP: 51 / RANGE: 15

ESTIMATED COST: \$3,125,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$3,125,000.00	\$0.00	\$3,125,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153307 - SAP 69-613-xxx - 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 #:** SAP 69-613-xxx      **ROAD #:** CSAH 13

**ROAD NAME:** Midway Road      **BRIDGE #:** NA      **SECTION:** 6 / **TOWNSHIP:** 50 / **RANGE:** 15

**ESTIMATED COST:** \$95,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$95,000.00	\$0.00	\$95,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9298 - SAP 69-616-047 - 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 #: 9298

STATE PROJECT #: SAP 69-616-047

ROAD #: CSAH 16

ROAD NAME: Townline Rd

BRIDGE #: NA

SECTION: 6 / TOWNSHIP: 56 / RANGE: 19

ESTIMATED COST: \$1,982,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$1,982,000.00	\$0.00	\$1,982,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153313 - SAP 69-622-xxx - Bituminous Overlay - 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 at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Bituminous Overlay - CSAH 22 (Hwy 22) - CSAH 5 to T.H. #73 & C.R. 668 to C.R. 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 #: SAP 69-622-xxx      ROAD #: CSAH 22

ROAD NAME: Hwy 22      BRIDGE #: NA      SECTION: 10 / TOWNSHIP: 61 / RANGE: 21

ESTIMATED COST: \$1,000,000.00      FUNDING SOURCE: State

### FUNDING BREAKDOWN

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

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153314 - SAP 69-622-xxx - 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 #:** SAP 69-622-xxx      **ROAD #:** CSAH 22

**ROAD NAME:** Hwy 22      **BRIDGE #:** NA      **SECTION: / TOWNSHIP: / RANGE:**

**ESTIMATED COST:** \$50,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$50,000.00	\$0.00	\$50,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9313 - MP 22-9313 - Reclaim & Overlay - 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. This type of improvement 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 #: MP 22-9313

ROAD #: CSAH 22

ROAD NAME: Hwy 22

BRIDGE #: NA

SECTION: 18 / TOWNSHIP: 61 / RANGE: 21

ESTIMATED COST: \$1,400,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$1,400,000.00	\$0.00	\$0.00	\$0.00	\$1,400,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153435 - SAP 69-644-xxx - Bituminous Overlay - 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 at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Bituminous Overlay - CSAH 44 (Pequaywan Lk Rd) - C.R. 272 (Briar Lake Rd.) to 1.483 miles N. of C.R. 266 (Rossini Rd.)

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

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

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153435      **STATE PROJECT #:** SAP 69-644-xxx      **ROAD #:** CSAH 44

**ROAD NAME:** Pequaywan Lk Rd      **BRIDGE #:** NA      **SECTION:** 26 / **TOWNSHIP:** 54 / **RANGE:** 13

**ESTIMATED COST:** \$1,600,000.00      **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$1,600,000.00	\$0.00	\$1,600,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 155244 - MP 55-155244 - Reclaim & Overlay - CSAH 55

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 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 #: MP 55-155244

ROAD #: CSAH 55

ROAD NAME: Two Harbors Rd.

BRIDGE #: NA

SECTION: 10 / TOWNSHIP: 55 / RANGE: 12

ESTIMATED COST: \$900,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$900,000.00	\$0.00	\$0.00	\$0.00	\$900,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153312 - SAP 69-668-xxx - 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 C.R. 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 #:** SAP 69-668-xxx      **ROAD #:** CSAH 68

**ROAD NAME:** Britt Rd      **BRIDGE #:** NA      **SECTION:** 25 / **TOWNSHIP:** 60 / **RANGE:** 18

**ESTIMATED COST:** \$500,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$500,000.00	\$0.00	\$500,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 9577 - SAP 69-688-09 - Bridge Construction - CSAH 88

**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 88 (Co.Br. 336) - Over Burntside 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 #:** 9577      **STATE PROJECT #:** SAP 69-688-09      **ROAD #:** CSAH 88

**ROAD NAME:** Co.Br. 336      **BRIDGE #:** 336      **SECTION:** 26 / **TOWNSHIP:** 63 / **RANGE:** 13

**ESTIMATED COST:** \$800,000.00      **FUNDING SOURCE:** Br. Bond

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$800,000.00	\$0.00	\$800,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153306 - SAP 69-689-xxx - Bituminous Overlay - CSAH 89

**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 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 #:** SAP 69-689-xxx      **ROAD #:** CSAH 89

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

**ESTIMATED COST:** \$231,000.00      **FUNDING SOURCE:** State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$231,000.00	\$0.00	\$231,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 176330 - SAP 69-710-025 - Bridge Construction - CSAH 110

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 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 #: SAP 69-710-025

ROAD #: CSAH 110

ROAD NAME: Hwy. #110

BRIDGE #: 488

SECTION: 12 / TOWNSHIP: 58 / RANGE: 15

ESTIMATED COST: \$1,400,000.00

FUNDING SOURCE: Br. Bond

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$1,400,000.00	\$0.00	\$1,400,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - SAP 69-716-XXX - 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 #:** ?????

**STATE PROJECT #:** SAP 69-716-XXX

**ROAD #:** CSAH 116

**ROAD NAME:** Echo Trail

**BRIDGE #:** 854

**SECTION:** 14 / **TOWNSHIP:** 65 / **RANGE:** 14

**ESTIMATED COST:** \$800,000.00

**FUNDING SOURCE:** Br. Bond

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$800,000.00	\$0.00	\$800,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153302 - MP 162-153302 - 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 #:** MP 162-153302      **ROAD #:** CR 162

**ROAD NAME:** Frontage Road      **BRIDGE #:** NA      **SECTION:** 31 / **TOWNSHIP:** 51 / **RANGE:** 14

**ESTIMATED COST:** \$28,000.00      **FUNDING SOURCE:** Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$28,000.00	\$0.00	\$0.00	\$0.00	\$28,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153438 - MP 251-153438 - Reclaim & Overlay - 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:** Reclaim & Overlay - CR 251 (Locust Rd.) - C.R. 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 #:** MP 251-153438      **ROAD #:** CR 251

**ROAD NAME:** Locust Rd.      **BRIDGE #:** NA      **SECTION:** 16 / **TOWNSHIP:** 52 / **RANGE:** 14

**ESTIMATED COST:** \$270,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$270,000.00	\$0.00	\$0.00	\$0.00	\$270,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153437 - MP 259-153437 - Reclaim & Overlay - 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. This type of improvement 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) - CSAH 4 (Rice Lake Rd) to CSAH 34 (Howard Gnensen 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 #: MP 259-153437      ROAD #: CR 259

ROAD NAME: Beyer Rd      BRIDGE #: NA      SECTION: 17 / TOWNSHIP: 51 / RANGE: 14

ESTIMATED COST: \$600,000.00      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$600,000.00	\$0.00	\$0.00	\$0.00	\$600,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153310 - MP 284-153310 - Bituminous Overlay - 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 at the same time, improving ride quality for the traveling public.

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

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 153310      **STATE PROJECT #:** MP 284-153310      **ROAD #:** CR 284

**ROAD NAME:** Ugstad Rd.      **BRIDGE #:** NA      **SECTION:** 28 / **TOWNSHIP:** 51 / **RANGE:** 15

**ESTIMATED COST:** \$275,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$275,000.00	\$0.00	\$0.00	\$0.00	\$275,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 3741 - MP 310-3741 (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 #:** MP 310-3741 (FS)      **ROAD #:** CR 310

**ROAD NAME:** Keenan Rd.      **BRIDGE #:** 484      **SECTION:** 29 / **TOWNSHIP:** 57 / **RANGE:** 18

**ESTIMATED COST:** \$250,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$250,000.00	\$0.00	\$0.00	\$0.00	\$250,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153311 - MP 411-153311 - Bituminous Overlay - 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 at the same time, improving ride quality for the traveling public.

**PROJECT DESCRIPTION AND LOCATION:** Bituminous Overlay - CR 411 (Wiseman Rd.) - CSAH 26 (Wahlsten Rd) to TH 135

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

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

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 153311      **STATE PROJECT #:** MP 411-153311      **ROAD #:** CR 411

**ROAD NAME:** Wiseman Rd.      **BRIDGE #:** NA      **SECTION:** 26 / **TOWNSHIP:** 61 / **RANGE:** 16

**ESTIMATED COST:** \$600,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$600,000.00	\$0.00	\$0.00	\$0.00	\$600,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - MP 668-XXXX(FS) - Bridge Construction - CR 668

**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 668 (Sherwood And.) - 0.5 miles N. of C.R. 791 (Dark Lake Rd.) over the Dark 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 #:** ???? **STATE PROJECT #:** MP 668-XXXX(FS) **ROAD #:** CR 668

**ROAD NAME:** Sherwood And. **BRIDGE #:** 616 **SECTION:** 2 / **TOWNSHIP:** 59 / **RANGE:** 19

**ESTIMATED COST:** \$300,000.00 **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153308 - MP 694-153308 - Bituminous Overlay - 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 at the same time, improving ride quality for the traveling public.

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

PROJECT INFORMATION

COUNTY PROJECT #: 153308      STATE PROJECT #: MP 694-153308      ROAD #: CR 694

ROAD NAME: Seville Rd.      BRIDGE #: NA      SECTION: 36 / TOWNSHIP: 51 / RANGE: 16

ESTIMATED COST: \$253,000.00      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$253,000.00	\$0.00	\$0.00	\$0.00	\$253,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - MP 710-XXXX(FS) - 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 C.R. 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 #:** ???? **STATE PROJECT #:** MP 710-XXXX(FS) **ROAD #:** CR 710

**ROAD NAME:** Kleffman Rd. **BRIDGE #:** 851 **SECTION:** 17 / **TOWNSHIP:** 58 / **RANGE:** 21

**ESTIMATED COST:** \$300,000.00 **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 128462 - MP 965-128462 - 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 C.R. 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 #:** MP 965-128462      **ROAD #:** CR 965

**ROAD NAME:** Hingeley Rd.      **BRIDGE #:** 587      **SECTION:** 11 / **TOWNSHIP:** 55 / **RANGE:** 20

**ESTIMATED COST:** \$600,000.00      **FUNDING SOURCE:** Br. Bond

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$100,000.00	\$0.00	\$500,000.00	\$0.00	\$600,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 142843 - MP 8169-142843 - 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 #: MP 8169-142843

ROAD #: UT 8169

ROAD NAME: Milroy Rd.

BRIDGE #: NA

SECTION: 26 / TOWNSHIP: 60 / RANGE: 18

ESTIMATED COST: \$198,000.00

FUNDING SOURCE: Unorg. Twp.

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$0.00	\$198,000.00	\$198,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 97087 - SP 69-00191 - 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 #:** SP 69-00191      **ROAD #:** UT 9101

**ROAD NAME:** Savanna Rd.      **BRIDGE #:** NA      **SECTION:** 36 / **TOWNSHIP:** 52 / **RANGE:** 21

**ESTIMATED COST:** \$275,000.00      **FUNDING SOURCE:** Federal

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$275,000.00	\$0.00	\$275,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153305 - MP 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 #:** MP 9220-153305      **ROAD #:** UT 9220

**ROAD NAME:** Trigstad Rd.      **BRIDGE #:** NA      **SECTION:** 12 / **TOWNSHIP:** 57 / **RANGE:** 16

**ESTIMATED COST:** \$210,000.00      **FUNDING SOURCE:** Unorg. Twp.

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2015	\$0.00	\$0.00	\$0.00	\$210,000.00	\$210,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - MP ???? - Bridge Projects -

**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 Projects - (Bridge Projects) - County Wide

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

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

**PROJECT INFORMATION**

**COUNTY PROJECT #:** ???? **STATE PROJECT #:** MP ???? **ROAD #:**

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

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

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$1,000,000.00	\$0.00	\$0.00	\$0.00	\$1,000,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - MP ???? - 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 #: MP ???? 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: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - MP ???? - 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 #: MP ???? 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: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - SP 69-090-030 - Ped/Bike Trail -

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

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

**PROJECT DESCRIPTION AND LOCATION:** Ped/Bike Trail - (Mesabi Trail) - Soudan to 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 #:** ?????

**STATE PROJECT #:** SP 69-090-030

**ROAD #:**

**ROAD NAME:** Mesabi Trail

**BRIDGE #:** NA

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

**ESTIMATED COST:** \$494,000.00

**FUNDING SOURCE:** Federal

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$0.00	\$494,000.00	\$494,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - SP 69-070-018 - 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 #: ???? STATE PROJECT #: SP 69-070-018 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: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153442 - SAP 69-616-xxx - Bituminous 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, while at the same time, improving ride quality for the traveling public.

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

**PROJECT INFORMATION**

**COUNTY PROJECT #:** 153442      **STATE PROJECT #:** SAP 69-616-xxx      **ROAD #:** CSAH 16

**ROAD NAME:** Town Line Rd      **BRIDGE #:** NA      **SECTION:** 29 / **TOWNSHIP:** 57 / **RANGE:** 12

**ESTIMATED COST:** \$1,875,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$1,875,000.00	\$0.00	\$1,875,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153444 - SAP 69-623-xxx - 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 #:** SAP 69-623-xxx      **ROAD #:** CSAH 23

**ROAD NAME:** Orr-Buyck Rd.      **BRIDGE #:** NA      **SECTION:** 1 / **TOWNSHIP:** 64 / **RANGE:** 19

**ESTIMATED COST:** \$1,135,000.00      **FUNDING SOURCE:** State

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$1,135,000.00	\$0.00	\$1,135,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 72711 - SP 69-623-032 - 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 #: SP 69-623-032

ROAD #: CSAH 23

ROAD NAME: Orr-Buyck Rd.

BRIDGE #: NA

SECTION: 6 / TOWNSHIP: 64 / RANGE: 19

ESTIMATED COST: \$3,000,000.00

FUNDING SOURCE: Federal

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$3,000,000.00	\$0.00	\$3,000,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153449 - MP 25-153449 - 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 #:** MP 25-153449      **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:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153443 - SAP 69-632-xxx - 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 #: SAP 69-632-xxx      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: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153441 - SAP 69-644-xxx - Bituminous Overlay - CSAH 44

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bituminous Overlay - CSAH 44 (Hwy. 44) - CSAH 55 to CSAH 16

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

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

PROJECT INFORMATION

COUNTY PROJECT #: 153441      STATE PROJECT #: SAP 69-644-xxx      ROAD #: CSAH 44

ROAD NAME: Hwy. 44      BRIDGE #: NA      SECTION: 4 / TOWNSHIP: 54 / RANGE: 12

ESTIMATED COST: \$1,090,000.00      FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$1,090,000.00	\$0.00	\$1,090,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153453 - SAP 69-648-xxx - Bituminous Overlay - CSAH 48

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

PROJECT DESCRIPTION AND LOCATION: Bituminous Overlay - CSAH 48 (Lavaque Rd) - TH 2 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 #: 153453      STATE PROJECT #: SAP 69-648-xxx      ROAD #: CSAH 48

ROAD NAME: Lavaque Rd      BRIDGE #: NA      SECTION: 10 / TOWNSHIP: 49 / RANGE: 15

ESTIMATED COST: \$525,000.00      FUNDING SOURCE: State

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$525,000.00	\$0.00	\$525,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153455 - MP 52-153455 - Reclaim & Overlay - CSAH 52

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

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

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CSAH 52 (Arkola Rd) - 0.3 miles west of CSAH 7 to TH 53

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

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

### PROJECT INFORMATION

**COUNTY PROJECT #:** 153455

**STATE PROJECT #:** MP 52-153455

**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
2016	\$1,830,000.00	\$0.00	\$0.00	\$0.00	\$1,830,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 8577 - SP 69-00??? - 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 #:** SP 69-00???      **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:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 8203 - SP 69-690-013 - Reclaim & Overlay - CSAH 90

**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 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 #:** SP 69-690-013      **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
2016	\$0.00	\$0.00	\$2,000,000.00	\$0.00	\$2,000,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153450 - MP 115-153450 - 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 #: MP 115-153450

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: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153456 - MP 280-153456 - 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 #: MP 280-153456

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: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153458 - MP 289-153458 - 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 #: MP 289-153458

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: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153451 - MP 447-153451 - Reclaim & Overlay - CR 447

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2016

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

**PROJECT DESCRIPTION AND LOCATION:** Reclaim & Overlay - CR 447 (Tamminen Rd) - TH 37 to C.R. 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 #: MP 447-153451

ROAD #: CR 447

ROAD NAME: Tamminen Rd

BRIDGE #: NA

SECTION: 23 / TOWNSHIP: 57 / RANGE: 19

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: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 153452 - MP 452-153452 - Bituminous Overlay - CR 452

**DEPARTMENT:** Public Works

**CONTACT:** James T. Foldesi

**Extension:** 3840

**PROGRAM YEAR:** 2016

**PROJECT PURPOSE AND JUSTIFICATION:** To preserve and protect the investment in our county highway infrastructure, 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 #:** MP 452-153452      **ROAD #:** CR 452

**ROAD NAME:** Iron Jct Rd      **BRIDGE #:** NA      **SECTION:** 23 / **TOWNSHIP:** 57 / **RANGE:** 19

**ESTIMATED COST:** \$220,000.00      **FUNDING SOURCE:** Local

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$220,000.00	\$0.00	\$0.00	\$0.00	\$220,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153447 - MP 515-153447 - 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 #: MP 515-153447

ROAD #: CR 515

ROAD NAME: Hitchcock Rd

BRIDGE #: NA

SECTION: 13 / TOWNSHIP: 64 / RANGE: 20

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: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153448 - MP 516-153448 - 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 #: MP 516-153448

ROAD #: CR 516

ROAD NAME: Sugar Bush Tr

BRIDGE #: NA

SECTION: 11 / TOWNSHIP: 64 / RANGE: 20

ESTIMATED COST: \$168,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$168,000.00	\$0.00	\$0.00	\$0.00	\$168,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153446 - MP 677-153446 - 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 #: MP 677-153446

ROAD #: CR 677

ROAD NAME: King Rd.

BRIDGE #: NA

SECTION: 32 / TOWNSHIP: 65 / RANGE: 19

ESTIMATED COST: \$150,000.00

FUNDING SOURCE: Local

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$150,000.00	\$0.00	\$0.00	\$0.00	\$150,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - SP 69-00195 - 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 #:** ???? **STATE PROJECT #:** SP 69-00195 **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:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - SP 69-00196 - 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 #:** ???? **STATE PROJECT #:** SP 69-00196 **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:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 153445 - MP 961-153445 - 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 #: MP 961-153445      ROAD #: CR 961

ROAD NAME: Lake St.      BRIDGE #: NA      SECTION: 32 / TOWNSHIP: 65 / RANGE: 19

ESTIMATED COST: \$84,000.00      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$84,000.00	\$0.00	\$0.00	\$0.00	\$84,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 153454 - MP 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 #:** MP 8217-153454

**ROAD #:** UT 8217

**ROAD NAME:** Co. Rd. 904

**BRIDGE #:** NA

**SECTION:** 29 / **TOWNSHIP:** 61 / **RANGE:** 13

**ESTIMATED COST:** \$537,000.00

**FUNDING SOURCE:** Unorg. Twp.

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2016	\$0.00	\$0.00	\$0.00	\$537,000.00	\$537,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 10030 - MP 10030 - Bridge Projects -

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 Projects - (Bridge Projects) - County Wide

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 #: 10030      STATE PROJECT #: MP 10030      ROAD #:

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

ESTIMATED COST: \$1,350,000.00      FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$1,350,000.00	\$0.00	\$0.00	\$0.00	\$1,350,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP ???? - MP ???? - 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 #:** MP ???? **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:** 3/11/13

**Form 12**

**ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM**

**PROJECT NAME:** CP 147349 - SP 69-609-040 - Mill & Overlay - CSAH 9

**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 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 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 #:** SP 69-609-040      **ROAD #:** CSAH 9

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

**ESTIMATED COST:** \$3,400,000.00      **FUNDING SOURCE:** Federal

**FUNDING BREAKDOWN**

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$3,400,000.00	\$0.00	\$3,400,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP 9289 - SAP 69-624-14 - Complete Rebuild - 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. 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 24 (Vermilion Drive) - From Twp Rd. #4517 (Raps Rd.) to County Road 431 (Vermilion 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, 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 #: 9289

STATE PROJECT #: SAP 69-624-14

ROAD #: CSAH 24

ROAD NAME: Vermilion Drive

BRIDGE #: NA

SECTION: 8 / TOWNSHIP: 63 / RANGE: 18

ESTIMATED COST: \$6,000,000.00

FUNDING SOURCE: State

### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$0.00	\$0.00	\$6,000,000.00	\$0.00	\$6,000,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

Form 12

ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

PROJECT NAME: CP ???? - MP 48-???? - Reclaim & Overlay - CSAH 48

DEPARTMENT: Public Works

CONTACT: James T. Foldesi

Extension: 3840

PROGRAM YEAR: 2017

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

PROJECT DESCRIPTION AND LOCATION: Reclaim & Overlay - CSAH 48 (Lavaque Bypass) - T.H. 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 #: ???? STATE PROJECT #: MP 48-???? ROAD #: CSAH 48

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

ESTIMATED COST: \$1,500,000.00 FUNDING SOURCE: Local

FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$1,500,000.00	\$0.00	\$0.00	\$0.00	\$1,500,000.00	CONSTRUCTION

DATE PROJECT ESTIMATE LAST UPDATED: 3/11/13

# Form 12

## ST. LOUIS COUNTY 2013-2017 CAPITAL IMPROVEMENT PROGRAM

**PROJECT NAME:** CP 142593 - MP 666-142593 - Reclaim & Overlay - CR 666

**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 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 #:** MP 666-142593

**ROAD #:** CR 666

**ROAD NAME:** Kensington Dr.

**BRIDGE #:** NA

**SECTION:** 8 / **TOWNSHIP:** 58 / **RANGE:** 14

**ESTIMATED COST:** \$2,500,000.00

**FUNDING SOURCE:** Local

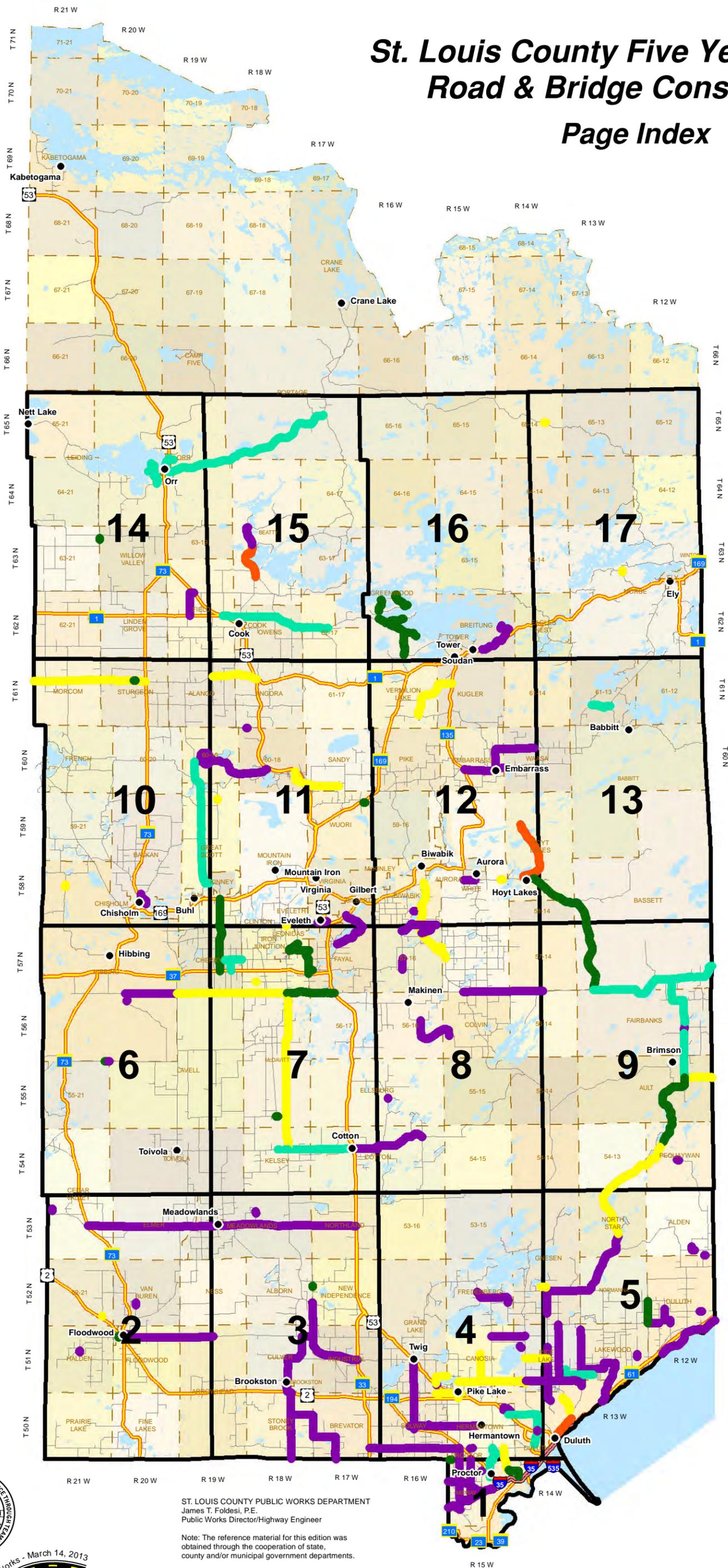
### FUNDING BREAKDOWN

YEAR	PROPERTY TAX	BONDING	FEDERAL/STATE	OTHER	TOTAL	COST TYPE
2017	\$2,500,000.00	\$0.00	\$0.00	\$0.00	\$2,500,000.00	CONSTRUCTION

**DATE PROJECT ESTIMATE LAST UPDATED:** 3/11/13

# St. Louis County Five Year Program Road & Bridge Construction

## Page Index



**Map Components**

**Five Year Program**

- 2013
- 2014
- 2015
- 2016
- 2017

- Interstate Highway
- U.S./State Highway
- County Road
- Page Number
- Township Boundary
- City/Town



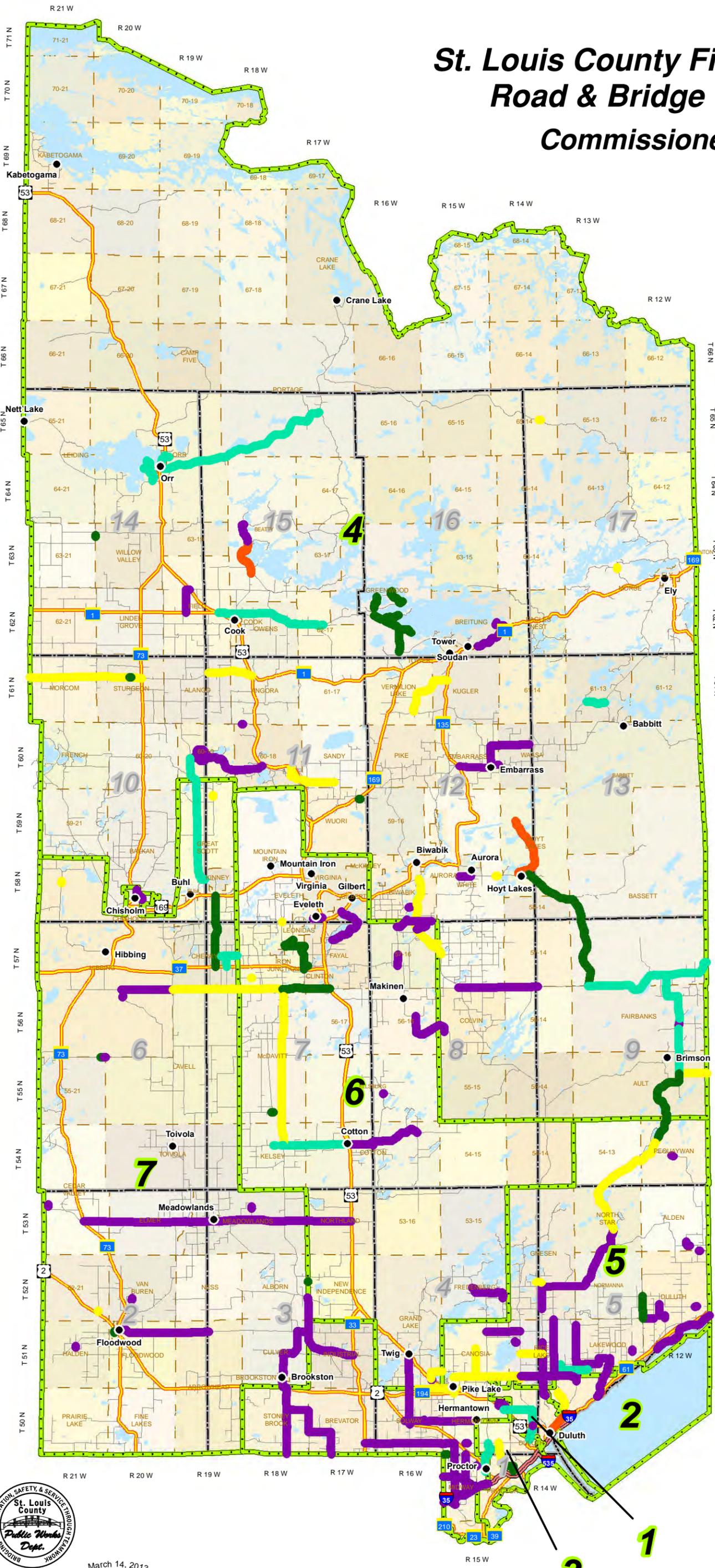
ST. LOUIS COUNTY PUBLIC WORKS DEPARTMENT  
James T. Foldesi, P.E.  
Public Works Director/Highway Engineer

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 Five Year Program Road & Bridge Construction Commissioner Districts



### 1st District

Commissioner Frank Jewell  
100 N. 5th Avenue West Rm. #208  
Duluth, MN 55802  
(218) 726-2450

### 2nd District

Commissioner Steven O'Neil  
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

Commissioner Michael Forsman  
St. Louis County Service Center - Ely  
320 Miners Drive East  
Ely, MN 55731  
(218) 365-8200

### 5th District

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

### 6th District

Commissioner Keith Nelson  
Virginia Courthouse  
300 South 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

**Five Year Program**

- 2013
- 2014
- 2015
- 2016
- 2017

**Infrastructure**

- Interstate Highway
- U.S./State Highway
- County Road

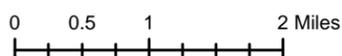
**Map Features**

- Page Number
- Commissioner District
- Township Boundary
- City/Town



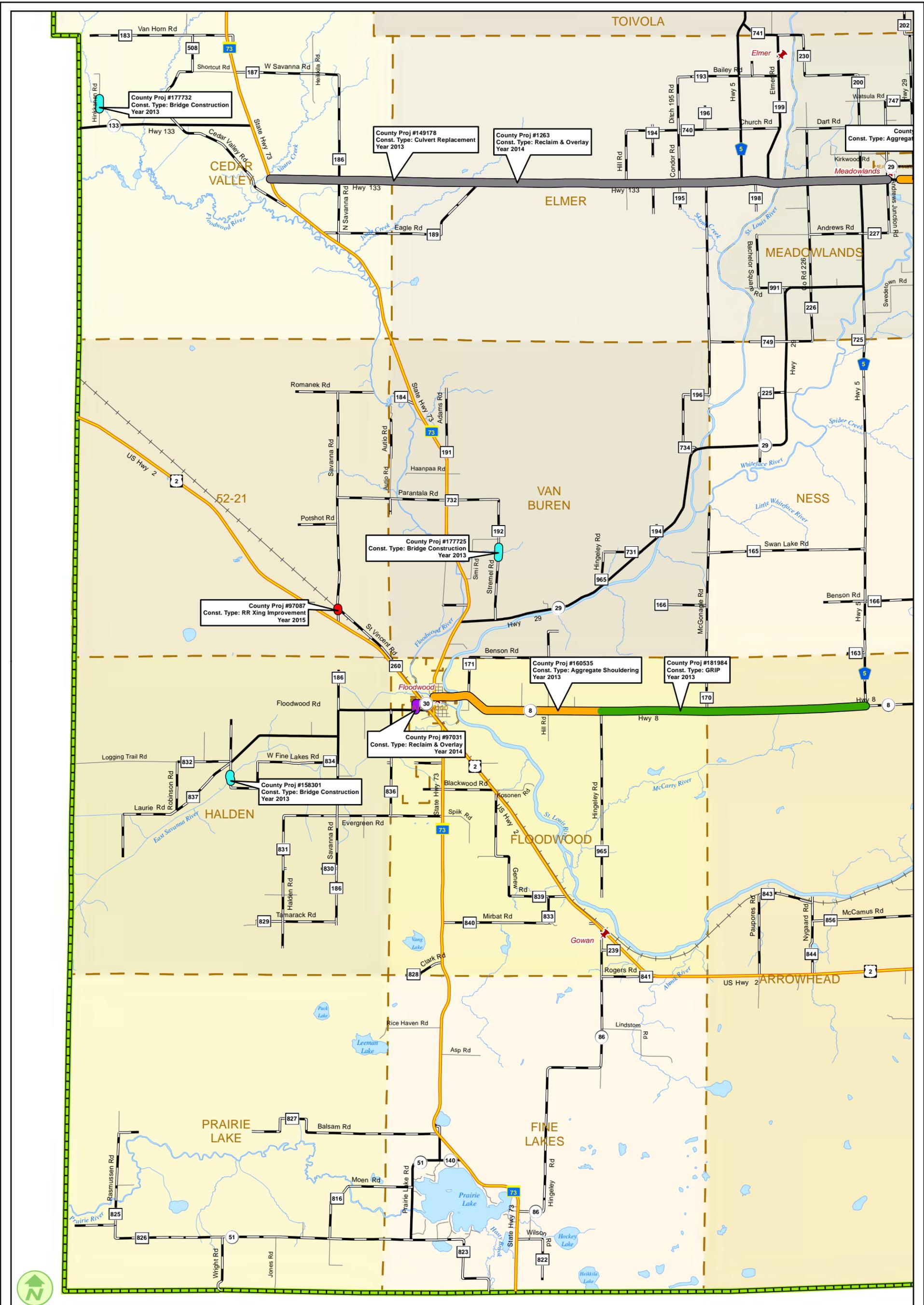


St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017

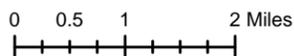


Map Components

10 Year Plan: Road Construction		Other Components	
Aggregate Shouldering	GRIP	Interstate Highway	Township
Bituminous Overlay	Intersection Realignment	U.S./State Multilane Divided Highway	City/Town
Bridge Construction	Mill & Overlay	U.S./State 2 Lane Highway	Lake
Chip Seal	Mill & Overlay, Edge Drains	County Road - Paved	River/Stream
Complete Rebuild	RR Xing Improvement	County Road - Gravel	
Culvert Construction	Reclaim & Overlay	Local Road/City Street	
Culvert Replacement	Traffic Signals	Railroad	
		Commissioner District	



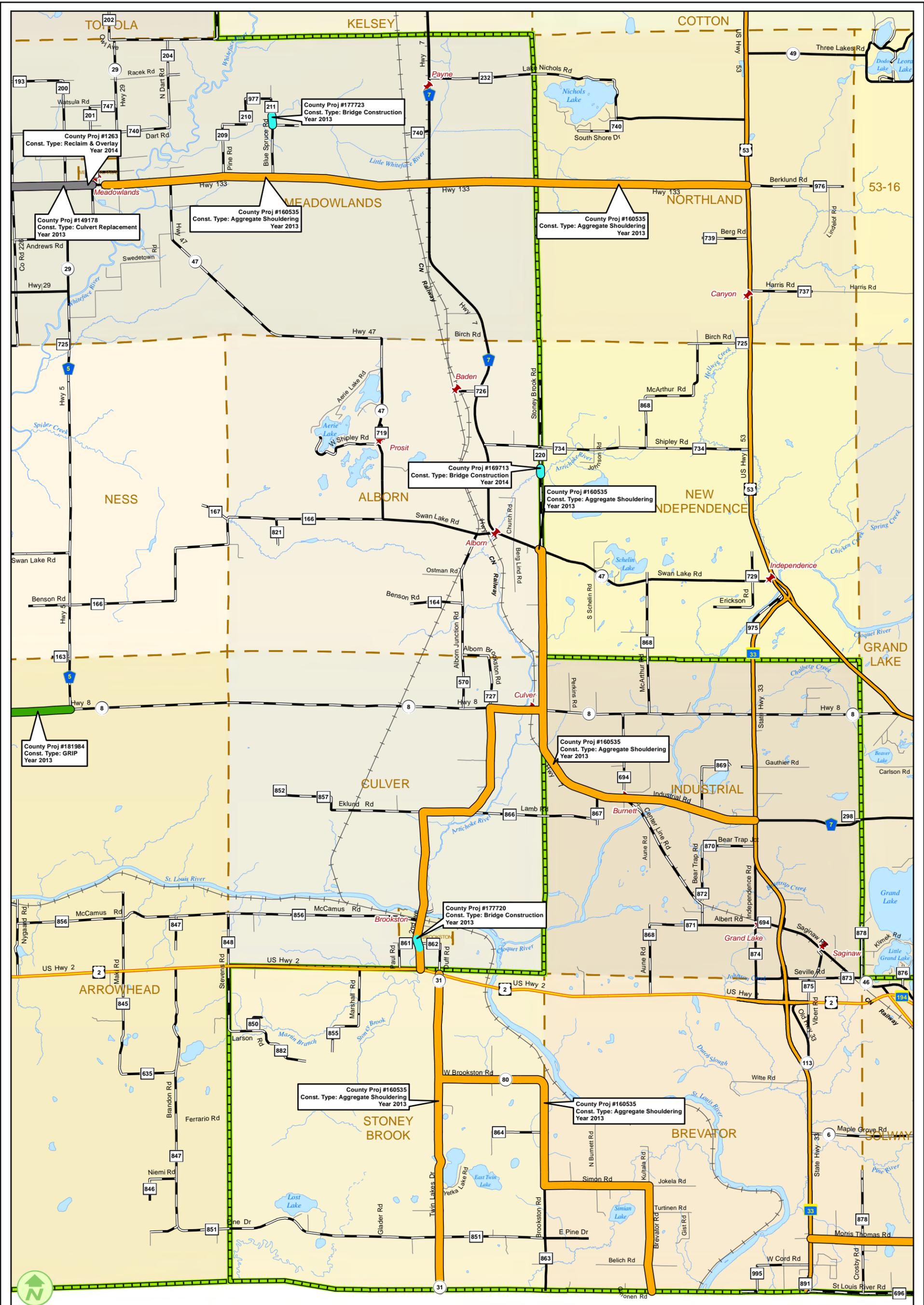
St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



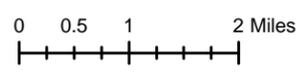
Map Components

10 Year Plan: Road Construction		Other Components	
Aggregate Shouldering	GRIP	Interstate Highway	Township
Bituminous Overlay	Intersection Realignment	U.S./State Multilane Divided Highway	City/Town
Bridge Construction	Mill & Overlay	U.S./State 2 Lane Highway	Lake
Chip Seal	Mill & Overlay, Edge Drains	County Road - Paved	River/Stream
Complete Rebuild	RR Xing Improvement	County Road - Gravel	
Culvert Construction	Reclaim & Overlay	Local Road/City Street	
Culvert Replacement	Reconstruction	Railroad	
	Traffic Signals	Commissioner District	

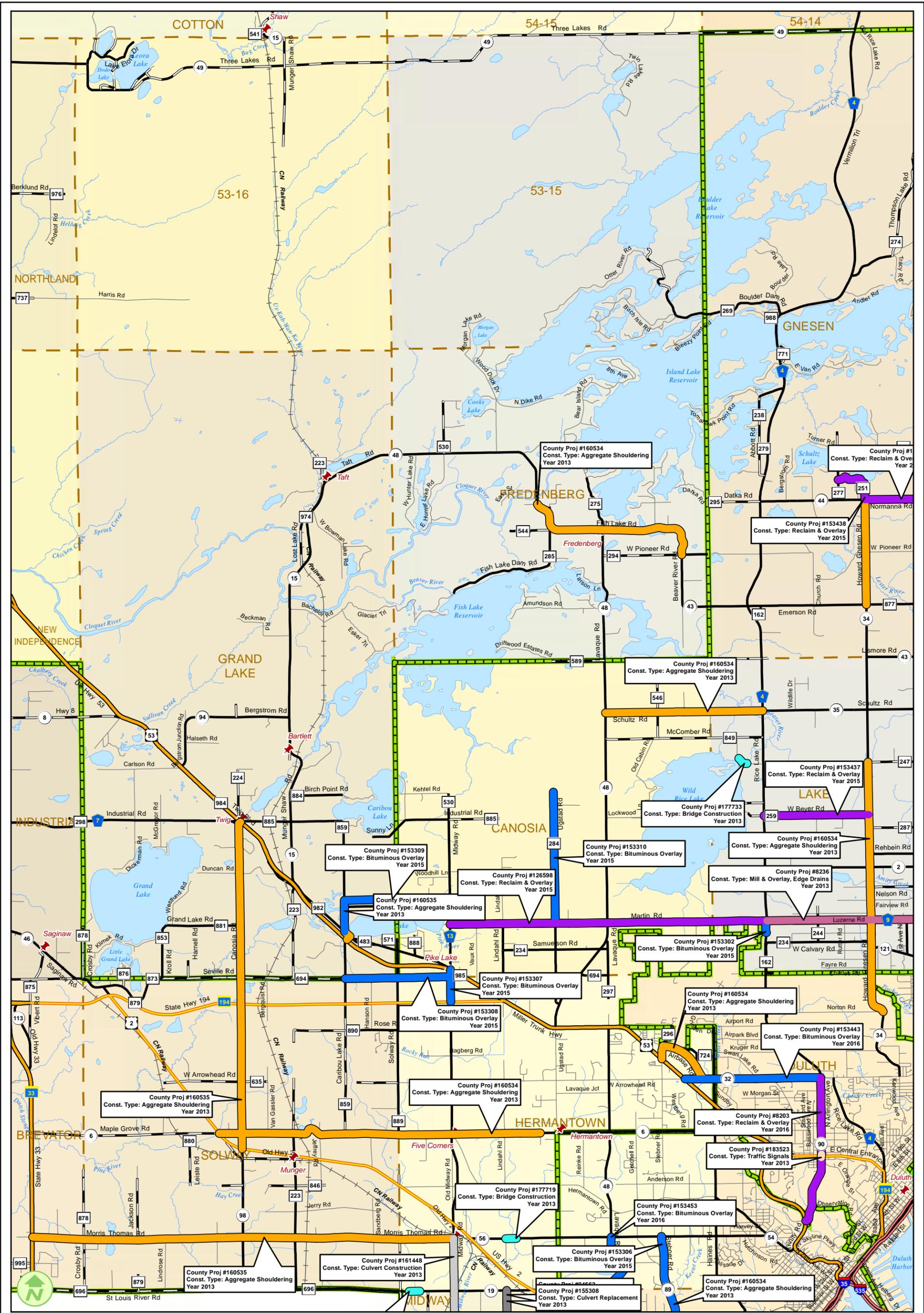




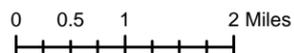
St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



Map Components	
<b>10 Year Plan: Road Construction</b>	<b>GRIP</b>
Aggregate Shouldering	Intersection Realignment
Bituminous Overlay	Mill & Overlay
Bridge Construction	Mill & Overlay, Edge Drains
Chip Seal	Reclaim & Overlay
Complete Rebuild	Reconstruction
Culvert Construction	Traffic Signals
Culvert Replacement	
	Interstate Highway
	U.S./State Multilane Divided Highway
	U.S./State 2 Lane Highway
	County Road - Paved
	County Road - Gravel
	Local Road/City Street
	Railroad
	Commissioner District
	Township
	City/Town
	Lake
	River/Stream

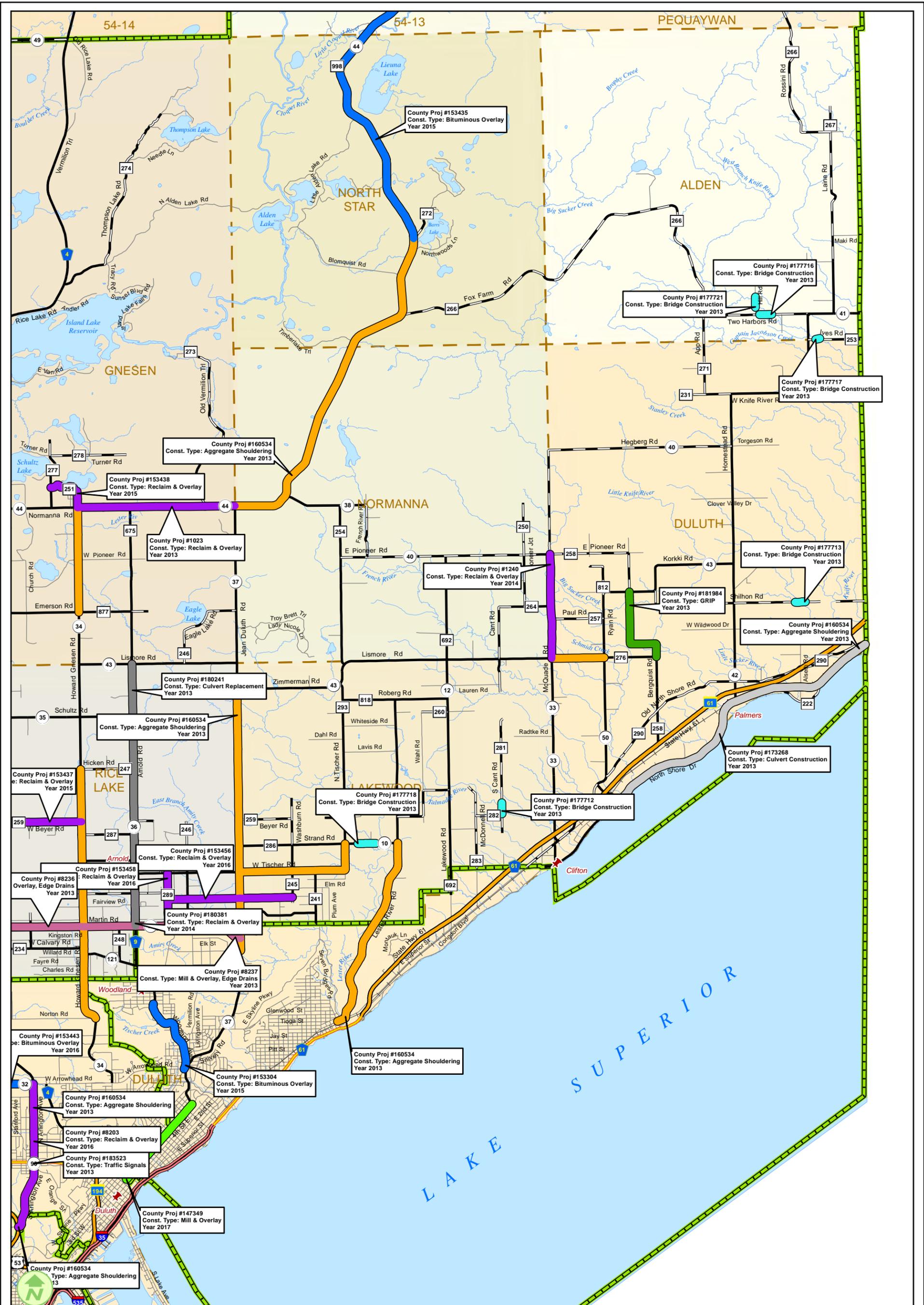


St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017

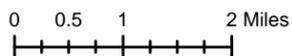


Map Components

- |  |                             |                                      |              |
|--|-----------------------------|--------------------------------------|--------------|
| <b>10 Year Plan: Road Construction</b> | GRIP                        | Interstate Highway                   | Township     |
| Aggregate Shouldering                  | Intersection Realignment    | U.S./State Multilane Divided Highway | City/Town    |
| Bituminous Overlay                     | Mill & Overlay              | U.S./State 2 Lane Highway            | Lake         |
| Bridge Construction                    | Mill & Overlay, Edge Drains | County Road - Paved                  | River/Stream |
| Chip Seal                              | Reclaim & Overlay           | County Road - Gravel                 |              |
| Complete Rebuild                       | Reconstruction              | Local Road/City Street               |              |
| Culvert Construction                   | Traffic Signals             | Railroad                             |              |
| Culvert Replacement                    |                             | Commissioner District                |              |

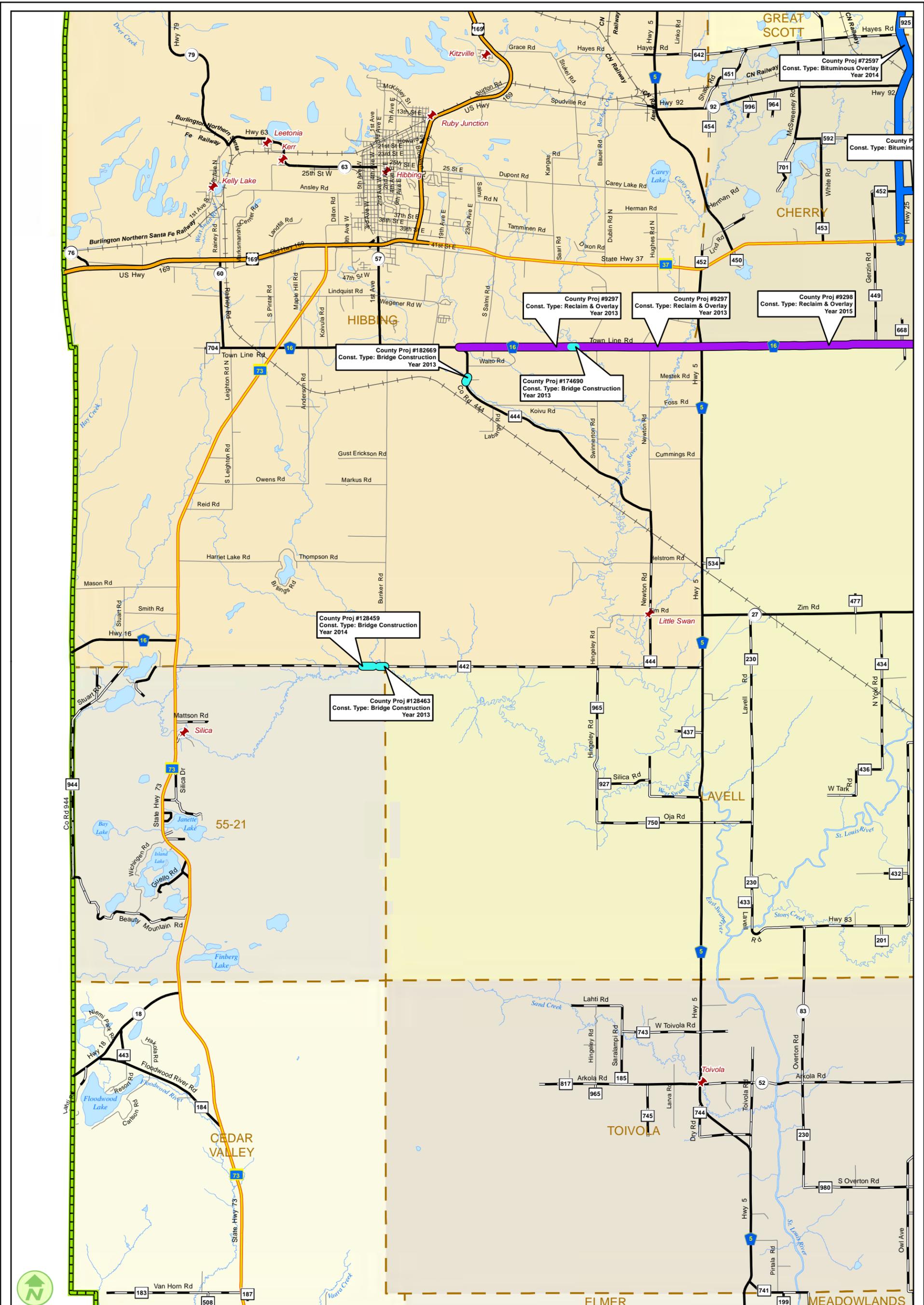


St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017

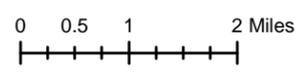


Map Components

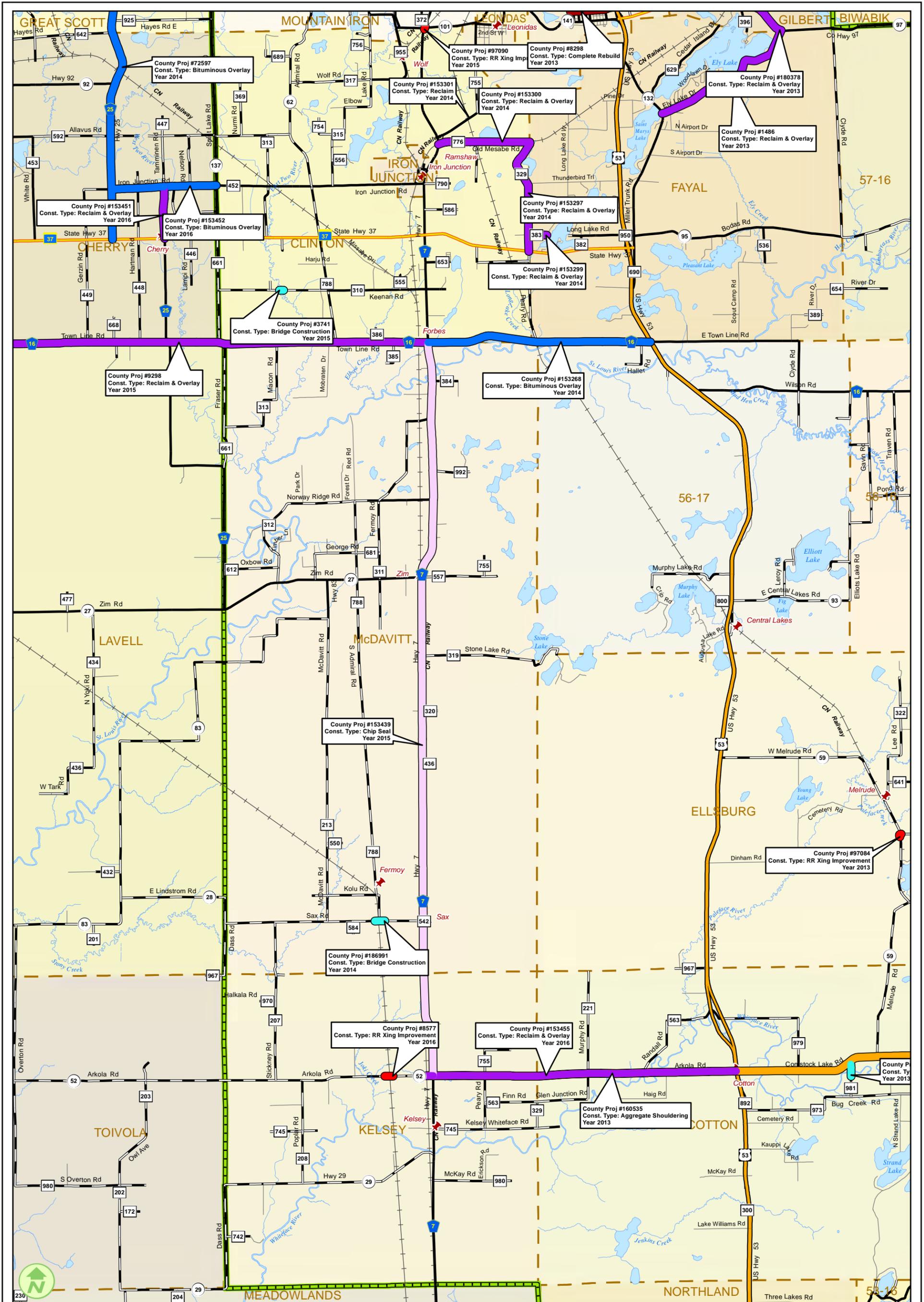
10 Year Plan: Road Construction		Other Components	
Aggregate Shouldering	GRIP	Interstate Highway	Township
Bituminous Overlay	Intersection Realignment	U.S./State Multilane Divided Highway	City/Town
Bridge Construction	Mill & Overlay	U.S./State 2 Lane Highway	Lake
Chip Seal	Mill & Overlay, Edge Drains	County Road - Paved	River/Stream
Complete Rebuild	RR Xing Improvement	County Road - Gravel	
Culvert Construction	Reclaim & Overlay	Local Road/City Street	
Culvert Replacement	Reconstruction	Railroad	
	Traffic Signals	Commissioner District	



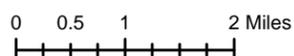
St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



Map Components		
<b>10 Year Plan: Road Construction</b>	<b>GRIP</b>	Interstate Highway
Aggregate Shouldering	Intersection Realignment	U.S./State Multilane Divided Highway
Bituminous Overlay	Mill & Overlay	U.S./State 2 Lane Highway
Bridge Construction	Mill & Overlay, Edge Drains	County Road - Paved
Chip Seal	RR Crossing Improvement	County Road - Gravel
Complete Rebuild	Reclaim & Overlay	Local Road/City Street
Culvert Construction	Reconstruction	Railroad
Culvert Replacement	Traffic Signals	Commissioner District
		Township
		City/Town
		Lake
		River/Stream

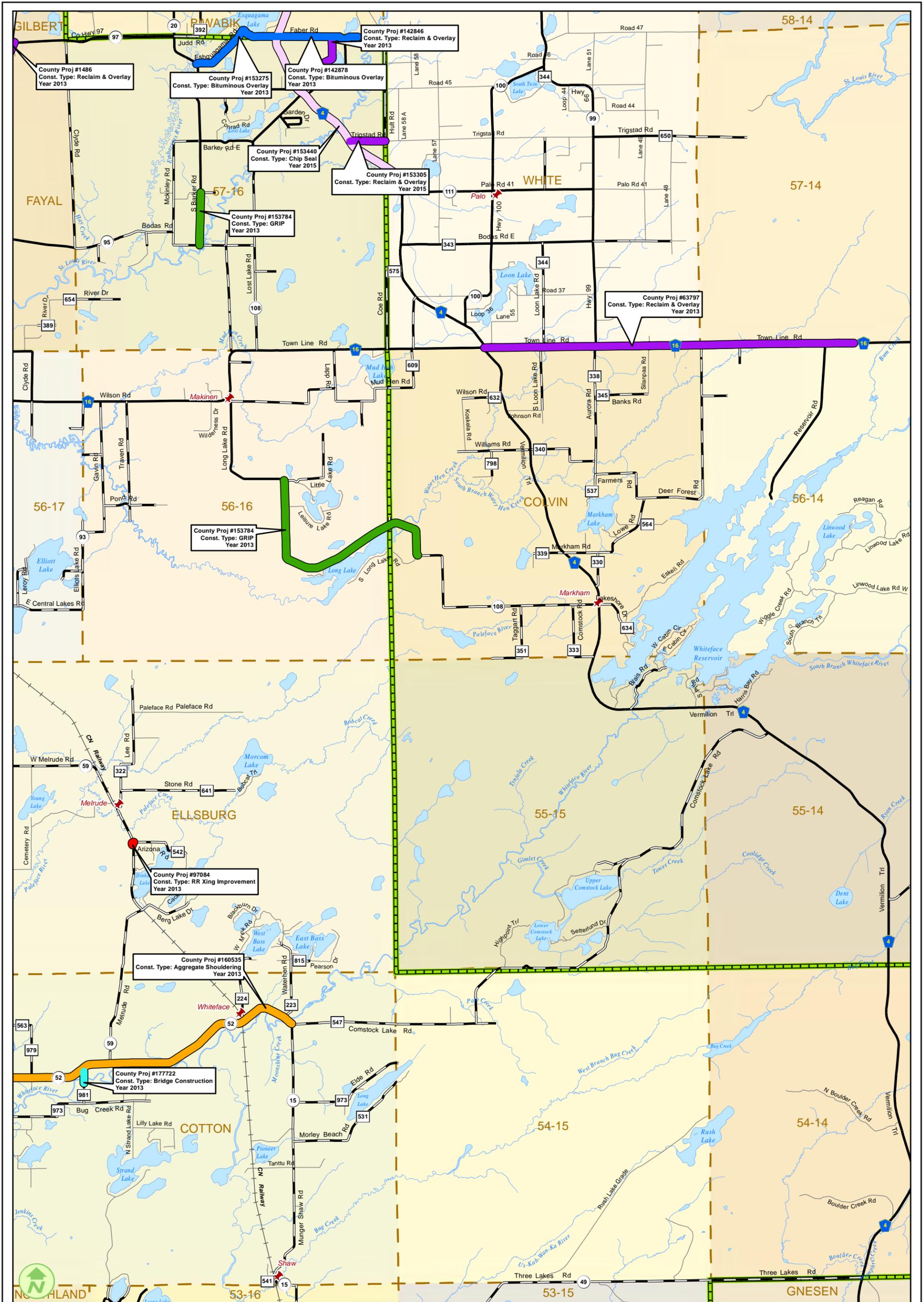


St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017

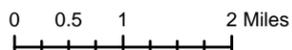


Map Components

<b>10 Year Plan: Road Construction</b>	GRIP	Interstate Highway
Aggregate Shouldering	Intersection Realignment	U.S./State Multilane Divided Highway
Bituminous Overlay	Mill & Overlay	U.S./State 2 Lane Highway
Bridge Construction	Mill & Overlay, Edge Drains	County Road - Paved
Chip Seal	RR Xing Improvement	County Road - Gravel
Complete Rebuild	Reclaim & Overlay	Local Road/City Street
Culvert Construction	Reconstruction	Railroad
Culvert Replacement	Traffic Signals	Commissioner District
		Township
		City/Town
		Lake
		River/Stream

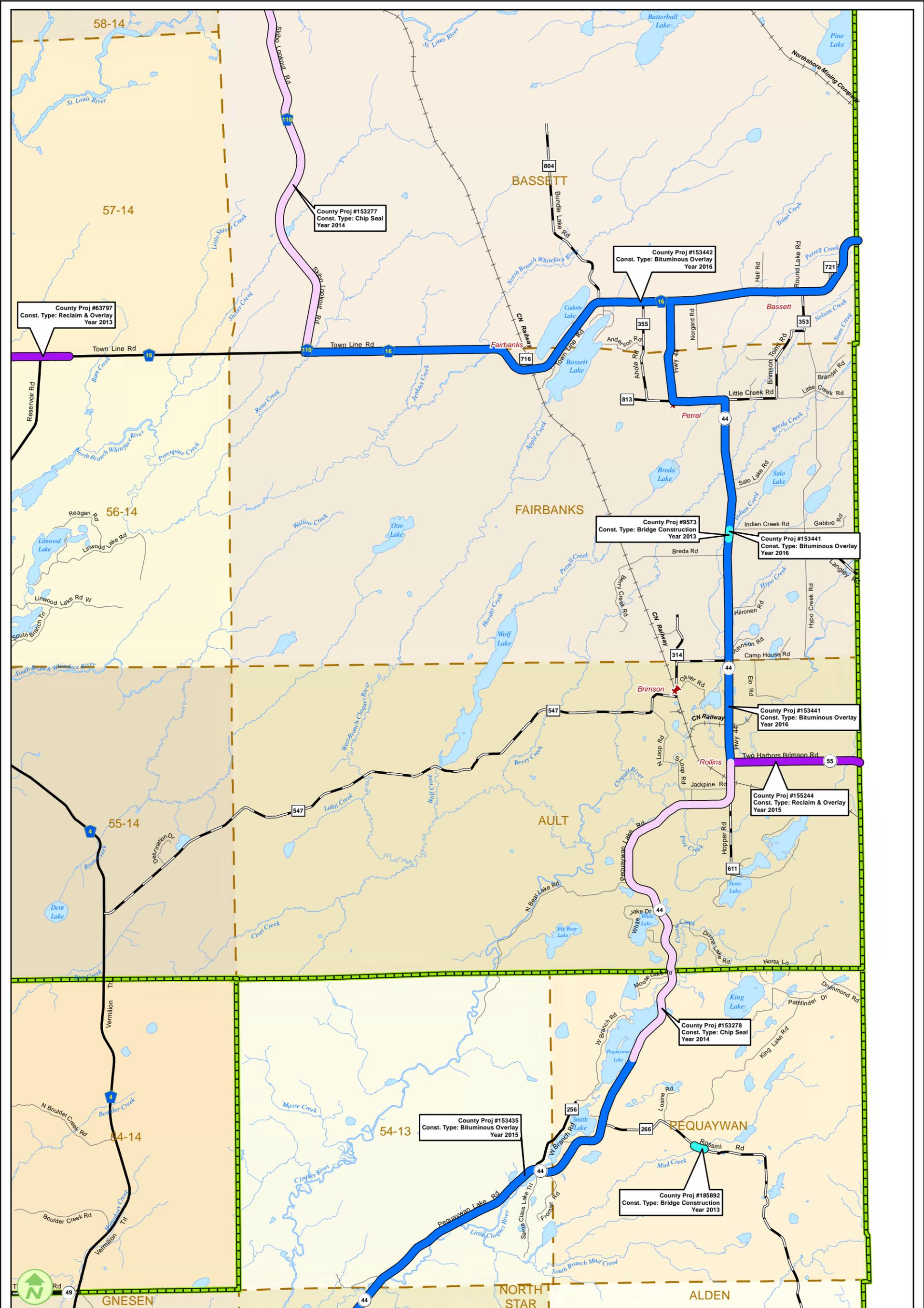


St. Louis County 10 Year Plan: Road & Bridge Construction from 2013 to 2017

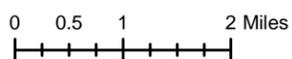


Map Components

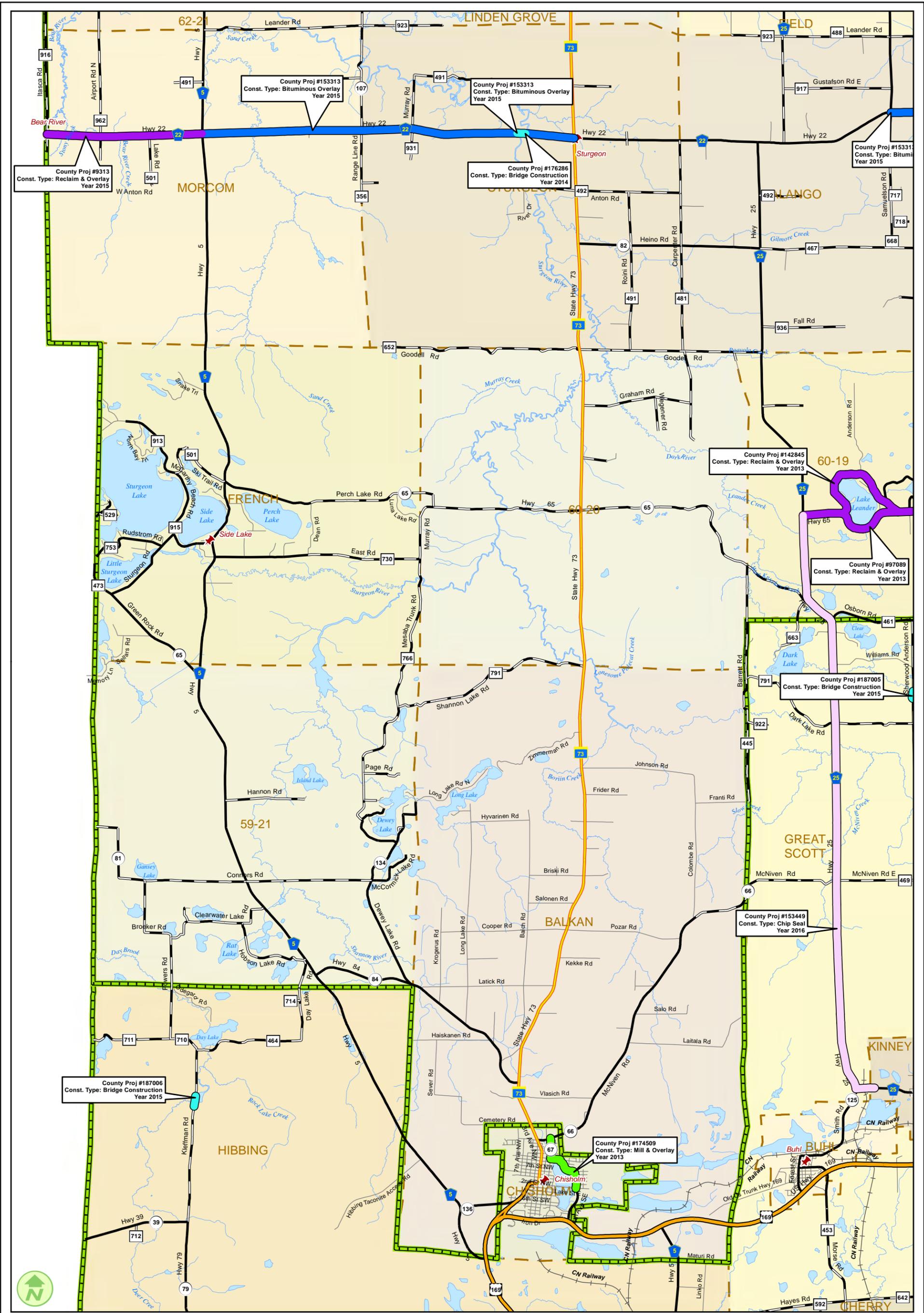
10 Year Plan: Road Construction		Other Features	
Aggregate Shouldering	GRIP	Interstate Highway	Township
Bituminous Overlay	Intersection Realignment	U.S./State Multilane Divided Highway	City/Town
Bridge Construction	Mill & Overlay	U.S./State 2 Lane Highway	Lake
Chip Seal	Mill & Overlay, Edge Drains	County Road - Paved	River/Stream
Complete Rebuild	RR Xing Improvement	County Road - Gravel	
Culvert Construction	Reclaim & Overlay	Local Road/City Street	
Culvert Replacement	Traffic Signals	Railroad	
		Commissioner District	



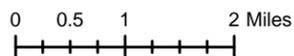
St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



Map Components	
<b>10 Year Plan: Road Construction</b>	<b>GRIP</b>
Aggregate Shouldering	Intersection Realignment
Bituminous Overlay	Mill & Overlay
Bridge Construction	Mill & Overlay, Edge Drains
Chip Seal	RR Xing Improvement
Complete Rebuild	Reclaim & Overlay
Culvert Construction	Reconstruction
Culvert Replacement	Traffic Signals
	Interstate Highway
	U.S./State Multilane Divided Highway
	U.S./State 2 Lane Highway
	County Road - Paved
	County Road - Gravel
	Local Road/City Street
	Railroad
	Commissioner District
	Township
	City/Town
	Lake
	River/Stream

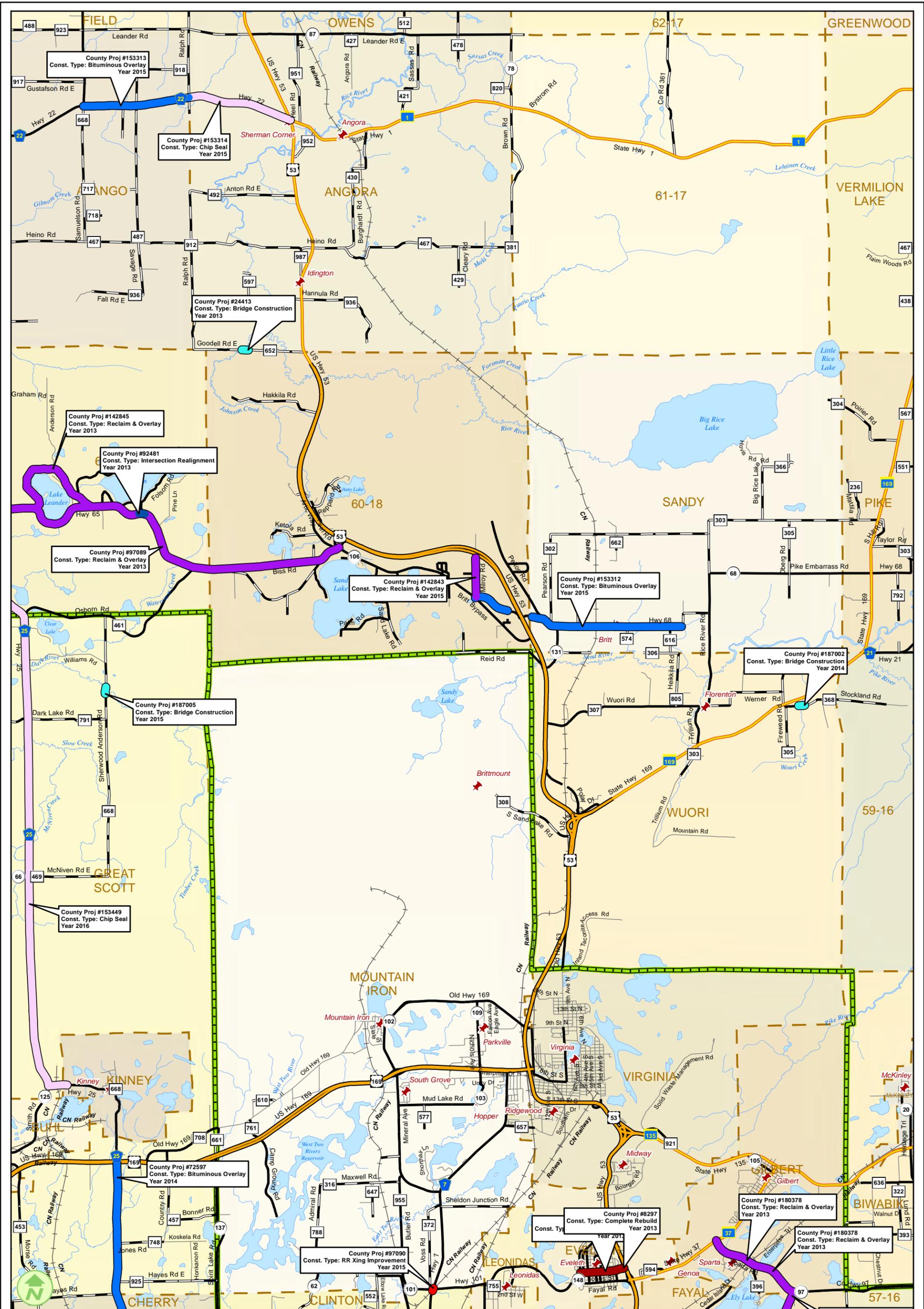


St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017

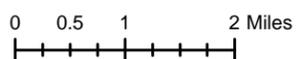


Map Components

<b>10 Year Plan: Road Construction</b>	GRIP	Interstate Highway
Aggregate Shouldering	Intersection Realignment	U.S./State Multilane Divided Highway
Bituminous Overlay	Mill & Overlay	U.S./State 2 Lane Highway
Bridge Construction	Mill & Overlay, Edge Drains	County Road - Paved
Chip Seal	RR Xing Improvement	County Road - Gravel
Complete Rebuild	Reclaim & Overlay	Local Road/City Street
Culvert Construction	Reconstruction	Railroad
Culvert Replacement	Traffic Signals	Commissioner District
		Township
		City/Town
		Lake
		River/Stream



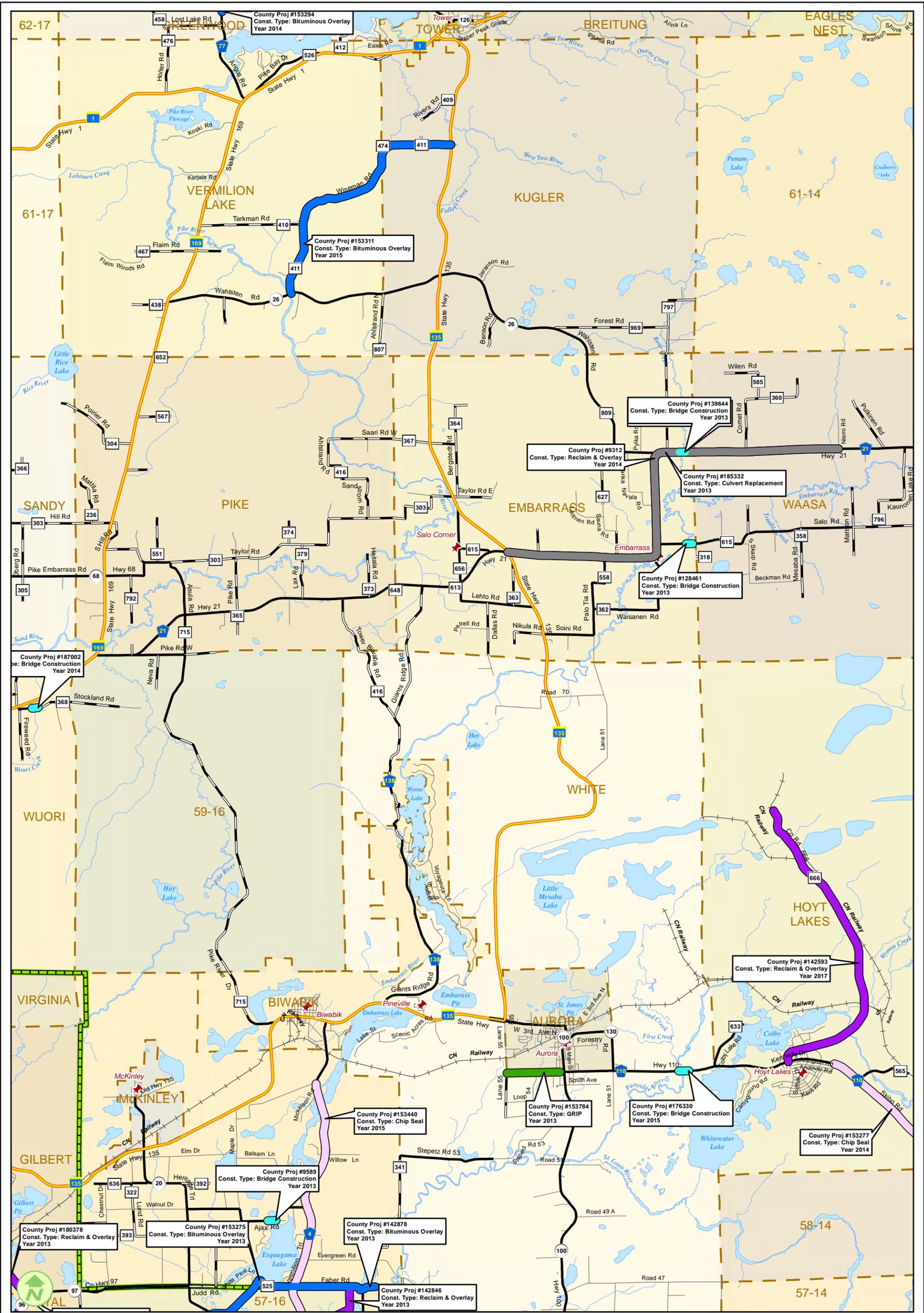
St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



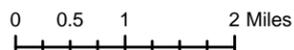
Map Components

<b>10 Year Plan: Road Construction</b>	GRIP	Interstate Highway
Aggregate Shouldering	Intersection Realignment	U.S./State Multilane Divided Highway
Bituminous Overlay	Mill & Overlay	U.S./State 2 Lane Highway
Bridge Construction	Mill & Overlay, Edge Drains	County Road - Paved
Chip Seal	RR Ring Improvement	County Road - Gravel
Complete Rebuild	Reclaim & Overlay	Local Road/City Street
Culvert Construction	Reconstruction	Railroad
Culvert Replacement	Traffic Signals	Commissioner District
		Township
		City/Town
		Lake
		River/Stream





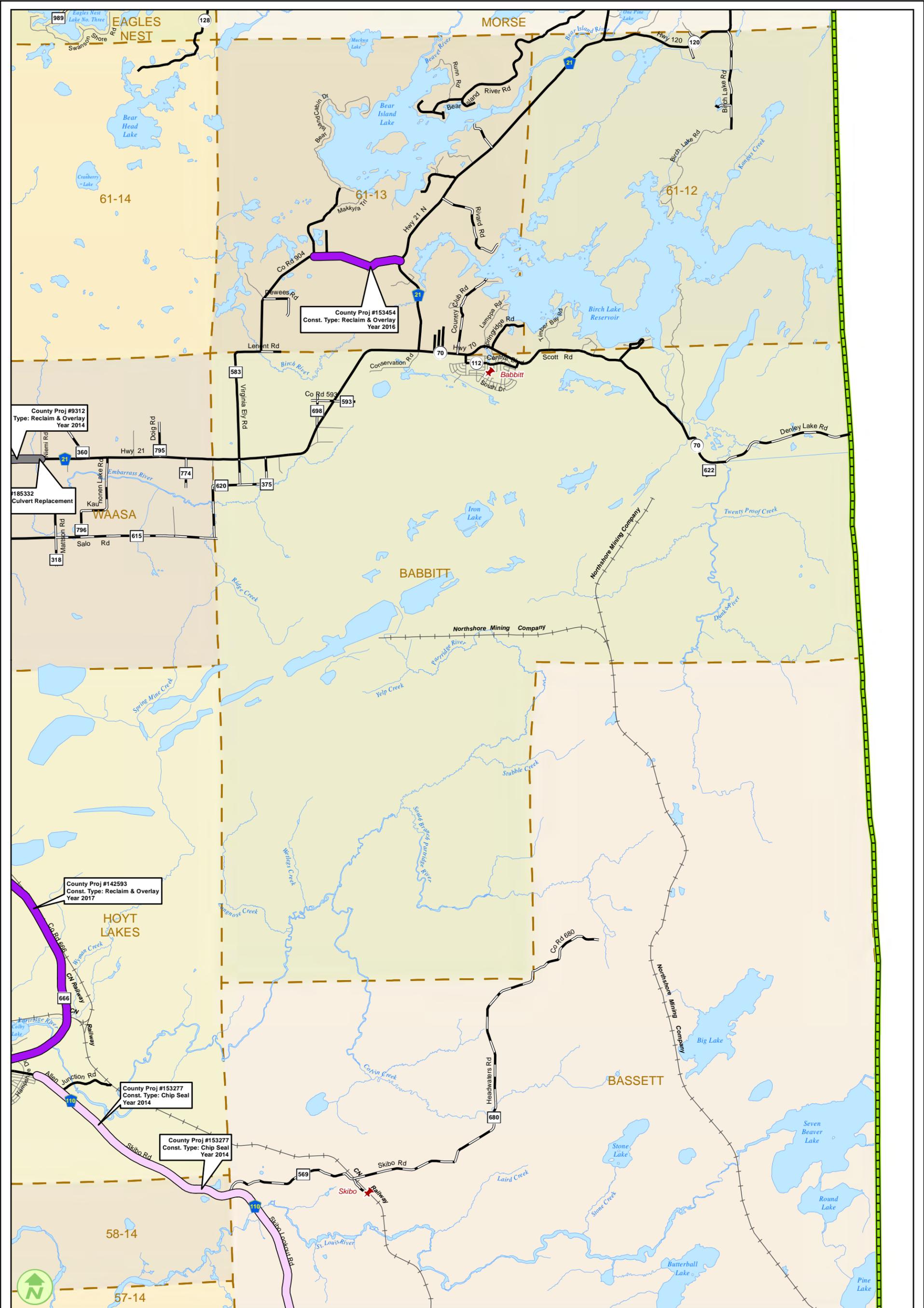
St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



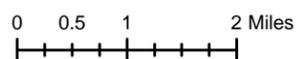
Map Components

<b>10 Year Plan: Road Construction</b>	Aggregate Shouldering	Bituminous Overlay	Bridge Construction	Chip Seal	Complete Rebuild	Culvert Construction	Culvert Replacement	GRIP	Intersection Realignment	Mill & Overlay	Mill & Overlay, Edge Drains	RR Xing Improvement	Reclaim & Overlay	Reconstruction	Traffic Signals
	Interstate Highway	U.S./State Multilane Divided Highway	U.S./State 2 Lane Highway	County Road - Paved	County Road - Gravel	Local Road/City Street	Railroad	Commissioner District	Township	City/Town	Lake	River/Stream			



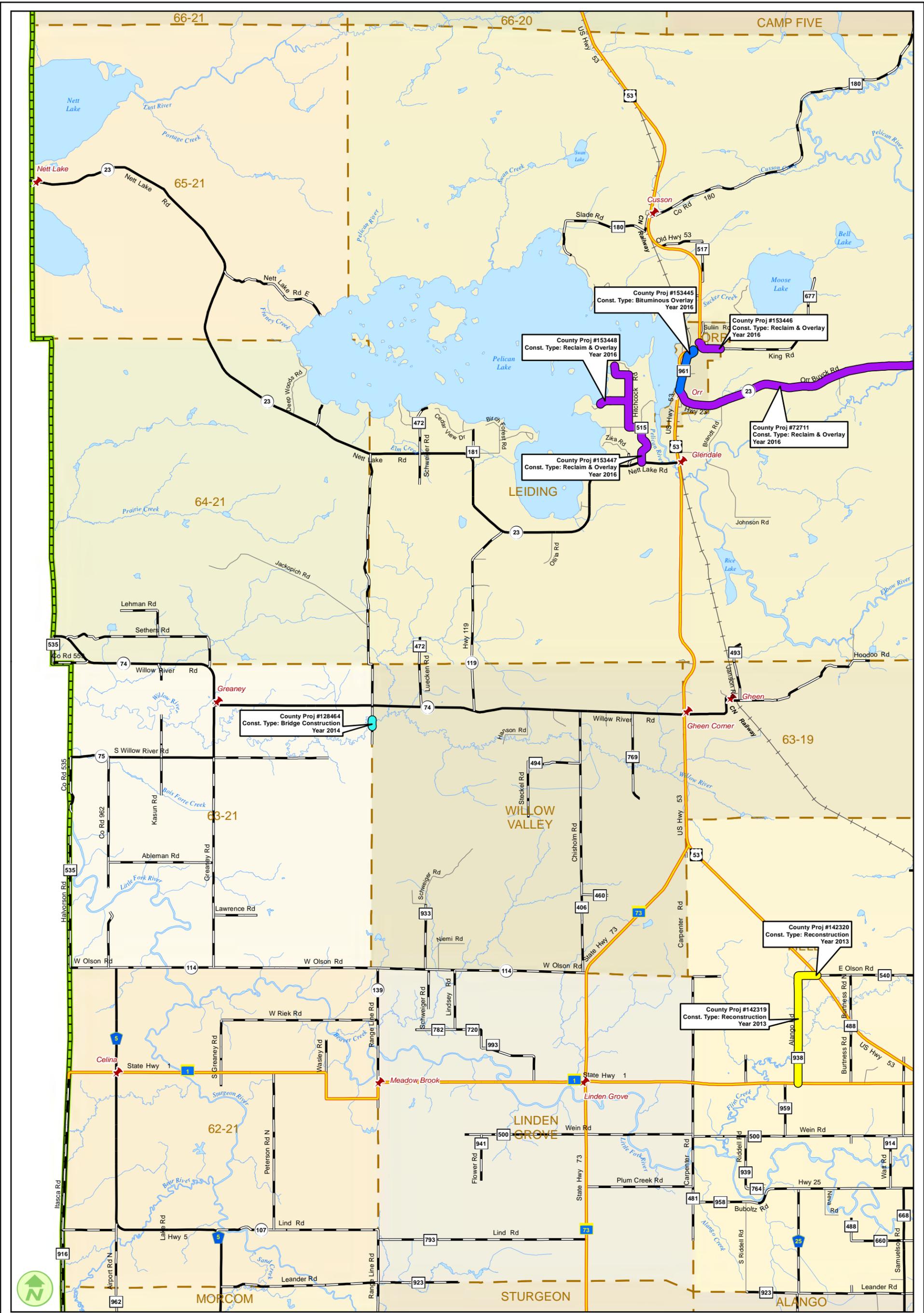


St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017

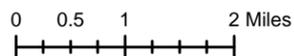


Map Components

10 Year Plan: Road Construction		Other Components	
Aggregate Shouldering	GRIP	Interstate Highway	Township
Bituminous Overlay	Intersection Realignment	U.S./State Multilane Divided Highway	City/Town
Bridge Construction	Mill & Overlay	U.S./State 2 Lane Highway	Lake
Chip Seal	Mill & Overlay, Edge Drains	County Road - Paved	River/Stream
Complete Rebuild	Reclaim & Overlay	County Road - Gravel	
Culvert Construction	Reconstruction	Local Road/City Street	
Culvert Replacement	Traffic Signals	Railroad	
		Commissioner District	



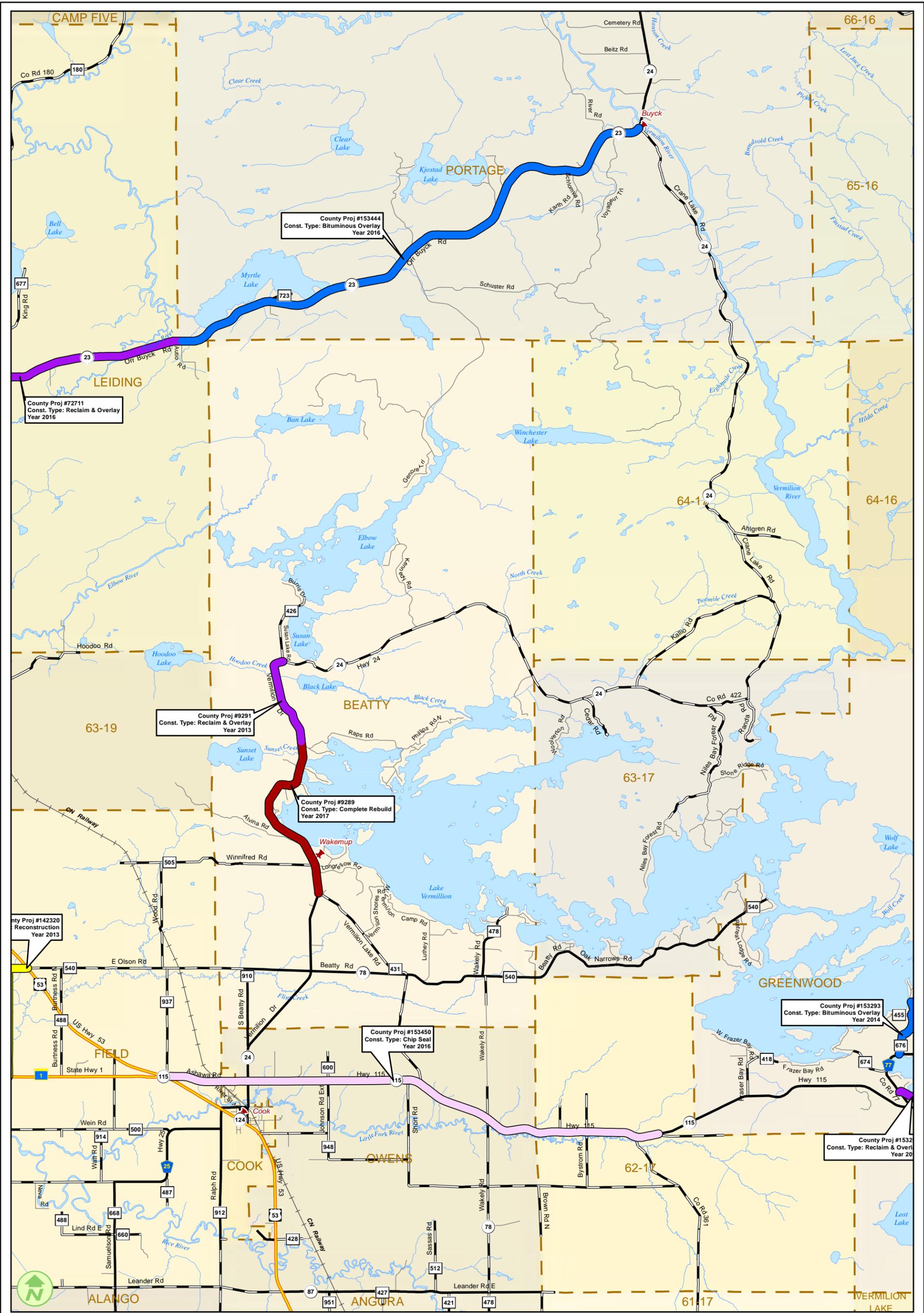
St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



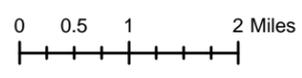
Map Components

- |  |                                      |                           |                             |                      |                        |                      |                       |
|--|--------------------------------------|---------------------------|-----------------------------|----------------------|------------------------|----------------------|-----------------------|
| <b>10 Year Plan: Road Construction</b> | Aggregate Shouldering                | Bituminous Overlay        | Bridge Construction         | Chip Seal            | Complete Rebuild       | Culvert Construction | Culvert Replacement   |
| GRIP                                   | Intersection Realignment             | Mill & Overlay            | Mill & Overlay, Edge Drains | RR Xing Improvement  | Reclaim & Overlay      | Reconstruction       | Traffic Signals       |
| Interstate Highway                     | U.S./State Multilane Divided Highway | U.S./State 2 Lane Highway | County Road - Paved         | County Road - Gravel | Local Road/City Street | Railroad             | Commissioner District |
| Township                               | City/Town                            | Lake                      | River/Stream                |                      |                        |                      |                       |

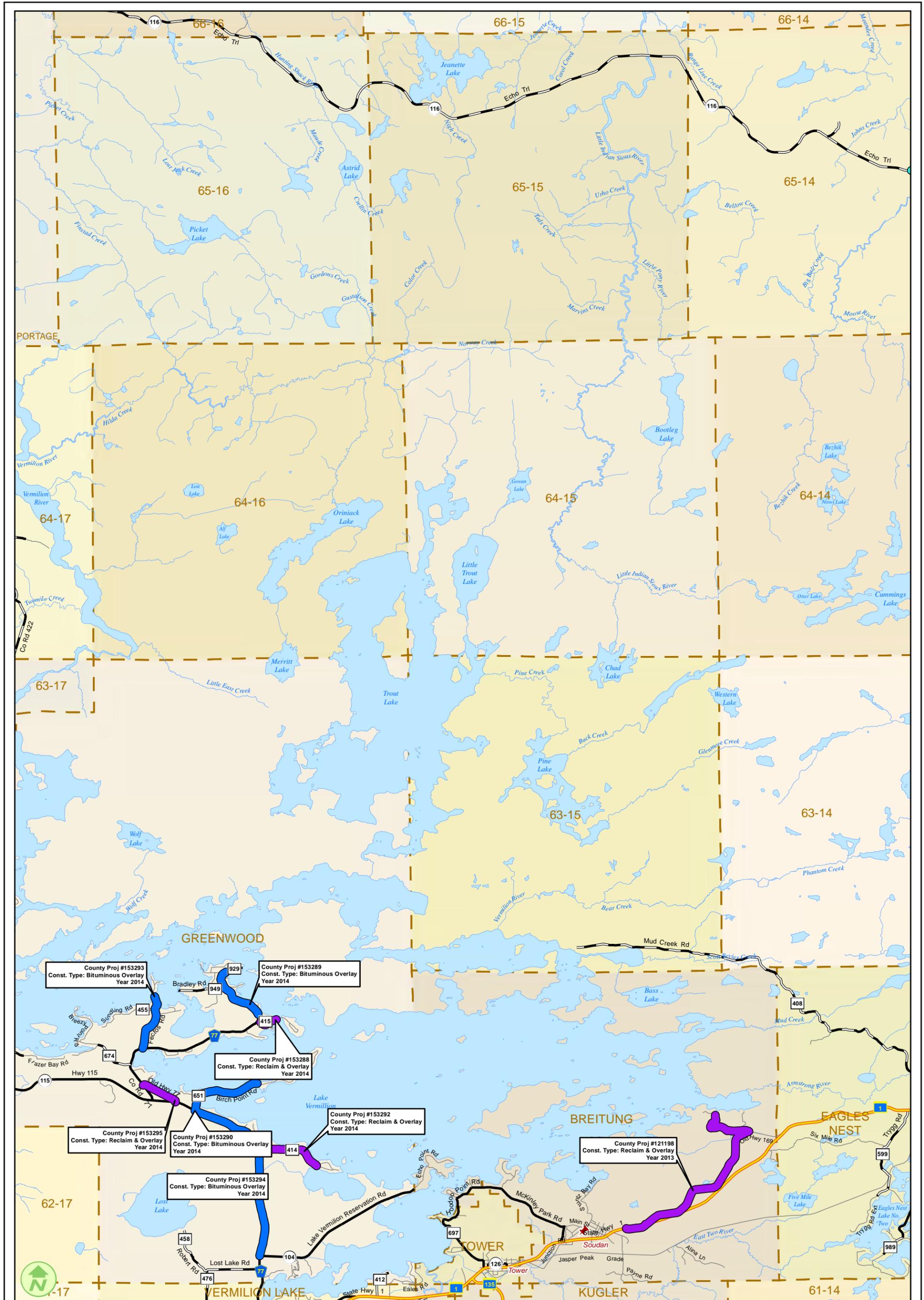




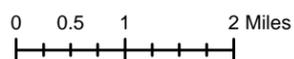
St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



10 Year Plan: Road Construction		Map Components	
Aggregate Shouldering	GRIP	Interstate Highway	Township
Bituminous Overlay	Intersection Realignment	U.S./State Multilane Divided Highway	City/Town
Bridge Construction	Mill & Overlay	U.S./State 2 Lane Highway	Lake
Chip Seal	Mill & Overlay, Edge Drains	County Road - Paved	River/Stream
Complete Rebuild	RR Xing Improvement	County Road - Gravel	
Culvert Construction	Reclaim & Overlay	Local Road/City Street	
Culvert Replacement	Traffic Signals	Railroad	
		Commissioner District	



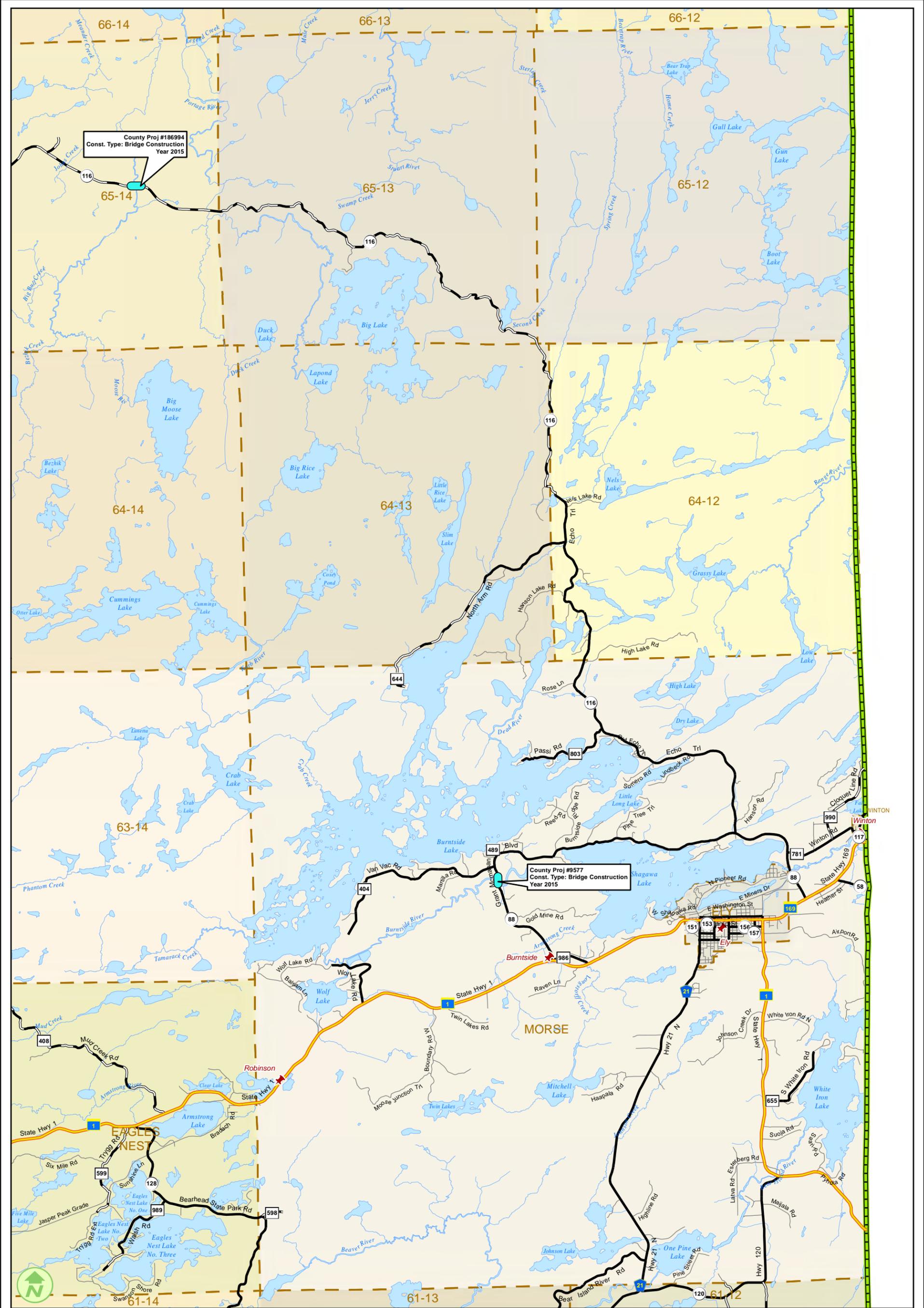
St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



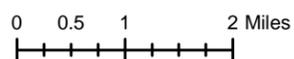
Map Components

<b>10 Year Plan: Road Construction</b>	GRIP	Interstate Highway
Aggregate Shouldering	Intersection Realignment	U.S./State Multilane Divided Highway
Bituminous Overlay	Mill & Overlay	U.S./State 2 Lane Highway
Bridge Construction	Mill & Overlay, Edge Drains	County Road - Paved
Chip Seal	RR Xing Improvement	County Road - Gravel
Complete Rebuild	Reclaim & Overlay	Local Road/City Street
Culvert Construction	Reconstruction	Railroad
Culvert Replacement	Traffic Signals	Commissioner District
		Township
		City/Town
		Lake
		River/Stream





St. Louis County 10 Year Program: Road & Bridge Construction from 2013 to 2017



Map Components

<b>10 Year Plan: Road Construction</b>	GRIP	Interstate Highway	Township
Aggregate Shouldering	Intersection Realignment	U.S./State Multilane Divided Highway	City/Town
Bituminous Overlay	Mill & Overlay	U.S./State 2 Lane Highway	Lake
Bridge Construction	Mill & Overlay, Edge Drains	County Road - Paved	River/Stream
Chip Seal	RR Xing Improvement	County Road - Gravel	
Complete Rebuild	Reclaim & Overlay	Local Road/City Street	
Culvert Construction	Reconstruction	Railroad	
Culvert Replacement	Traffic Signals	Commissioner District	