



**CITY OF DULUTH
CAPITAL IMPROVEMENT
BUDGET AND FIVE YEAR PLAN**

2011 through 2015

NOVEMBER 2010



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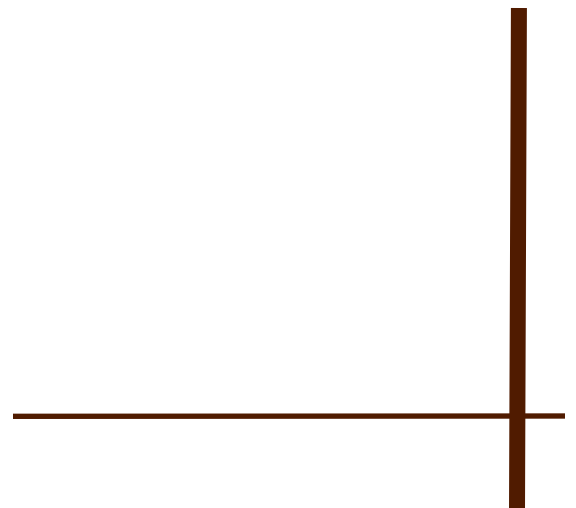
CAPITAL IMPROVEMENTS

Capital Improvements

Street Improvements

Street Reconstruction and Bridges

Capital Utility Improvements





Capital Budget and Plan

INTRODUCTION

The City of Duluth's Capital Improvement Plan (CIP) is a plan for the development and maintenance of the city's "physical plant" covering items thought of as infrastructure - street, water, gas and sewer lines, bridges etc., as well as city facilities and property. Also included in this plan is the city's rolling stock equipment plan and budget, and the capital outlay budget items. Not included in the CIP at this time are non-street Community Development Block Grant projects, new development, Duluth Economic Development Authority projects, or projects from Spirit Mountain, Duluth Transit Authority, Duluth Airport, or the Duluth Entertainment and Convention Center.

The City's Capital Improvement Budget and Plan addresses current and future improvements to the City's infrastructure, facilities, and properties by combining elements of both budgeting (current year needs) and planning (five year plan). The purpose of the CIP is twofold; first, to prioritize and fund the most urgent needs in the coming year's budget; and secondly, to identify future capital needs with sufficient lead time so decisions may be made to our best advantage. This section presents a summary of the 2011 Capital Budget and the 2012 through 2015 Capital Improvement Plan, as well as the Capital Equipment Budget and Plan.

CAPITAL IMPROVEMENTS BUDGET SUMMARY

2011 Proposed Improvements

The 2011 Capital Improvement Budget outlines projects funded in the Capital Projects Funds of Special Assessments, Permanent Improvement, Capital Improvement and Street Improvement. Also included are projects for the Water, Gas, Sewer, and Stormwater utilities. The total proposed budget is \$29,391,600 consisting of an array of projects and funding sources.

Capital improvements funded by the General Fund for 2011 total \$592,000, a \$2,164,500 capital improvement bond, a federal grant for \$1,806,500, and a matching grant bond for \$651,600 for a combined total program of \$5,214,600.

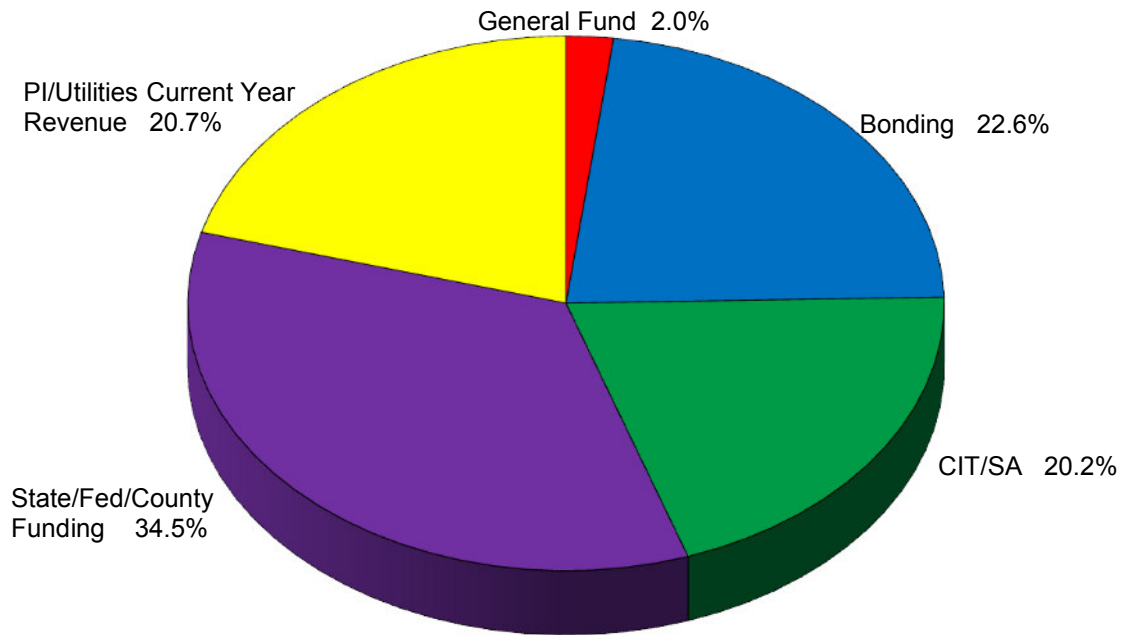
The Street Preservation Program totals \$6,443,700 and is funded through the Community Investment Trust Fund, assessments and the utilities.. The program will target streets that are in moderate to fair condition to extend their useful life.

Other infrastructure projects total \$17,733,100 and are funded with various sources including state and federal funding, permanent improvement funds, special assessments and the utilities. The funding breakdown for the participating utilities is as follows. The Stormwater, Sewer, and Gas utilities will fund all improvements from current year revenue in the amounts of \$1.138 million, \$1.470 million and \$869,300 respectively. The Water utility is proposing improvement funding from both current year revenue and bonds. For current year funding the Water Fund is proposing \$1.713 million with an additional \$3.834 million in bond sales.

CAPITAL BUDGET AND PLAN

The following graph illustrates the breakdown of the 2011 Capital Budget by funding source. For specific project detail, please refer to the sections following this introduction.

2011 Capital Improvement Funding Sources



| | |
|-------------------------------------|----------------------|
| General Fund | \$ 592,000 |
| Bonding - CIP; Grant Match; Utility | 6,650,400 |
| Community Investment Fund/SA | 5,917,000 |
| State/Federal/County Funding | 10,141,000 |
| PI/Utilities Current Year Revenue | 6,091,000 |
| Total 2011 Funding | \$ 29,391,400 |

Five Year Improvement Plan

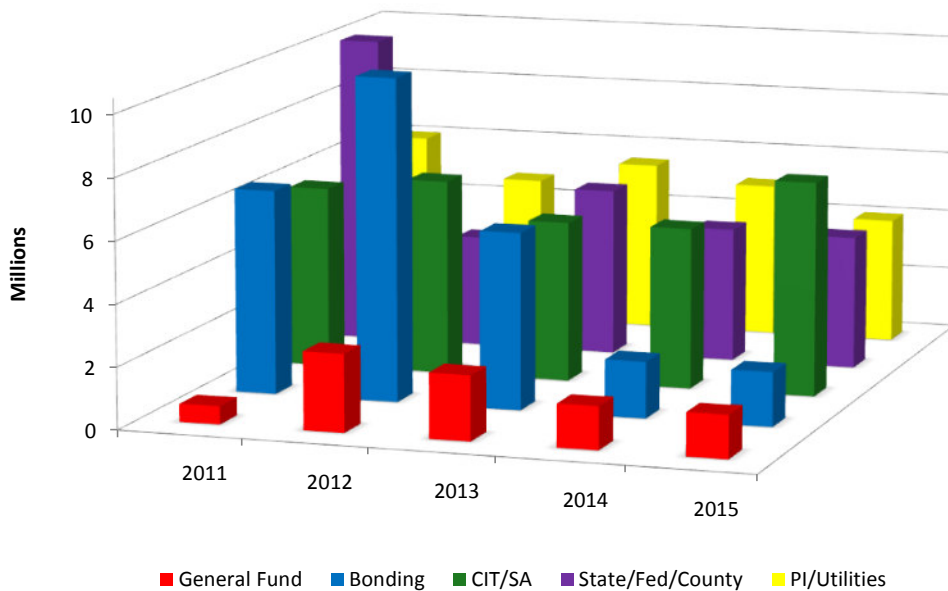
The City has identified \$118.532 million in improvements along with funding sources over the course of the next five years. Of that total, \$35.158 million is the Street Improvement Program; \$29.416 million in Street Reconstruction and Bridge Projects; \$30.254 million in Capital Utility \$8.022 million for general fund supported projects, supplemented by an additional \$11.379 million in bonds, and \$4.303 million in Federal grants .

CAPITAL BUDGET AND PLAN

The proposed five year improvement plan is balanced against available resources, with funding sources identified for the entire list of improvements totaling \$118.5 million. The General Fund contribution will total \$8.022 million over the five year period. In addition, the City will bond for certain types of improvements allowable by State Statute, as well as for trail improvements using grant money as the required match. For 2011, the City is proposing to bond \$2.16 million for capital improvements and \$651,600 for trails; for 2012, the figures are \$2.63 million and \$494,100 respectively. The proposed bond amounts for the remaining three years of the plan are \$1.83 million in 2013 and 2014, and \$1.76 million in 2015 for a combined five year total of \$11.38 million for improvements and trail bonds. Other sources include property tax dollars levied in the Permanent Improvement Fund for street and bridge projects totaling \$2.63 million, with \$2.11 million to come from current year property tax revenues and the balance from prior year balances. The Utility Funds will finance \$23 million utilizing current year operating revenues, with an additional \$15.7 million to be financed with bonds over the five year period for a combined total of \$38.7 million for the utilities.

The funding for the Neighborhood Street Improvement Program has changed from bonding annually to using Community Investment Trust Fund dollars for the annual program. This continues to be an important piece in the City's financial recovery as proposed by Mayor Ness. It moves the program away from bonding to pay as you go. Over the 5 year period represented by this plan, the city will use \$22,363,300 for this purpose.

State funding is available for infrastructure projects, in the form of municipal state aid and state bonding dollars for a five year total of \$18.229 million. Federal funding in the amount of \$8.78 million is also part of the five year plan, in the form of recovery act, enhancement, or general dollars for trails, streets and infrastructure.



| | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| General Fund | 592,000 | 2,525,000 | 2,105,000 | 1,400,000 | 1,400,000 | 8,022,000 |
| Bonding - CIP; Grant Match; Utility | 6,650,400 | 11,128,100 | 5,735,000 | 1,835,000 | 1,765,000 | 27,113,500 |
| Community Investment Fund/SA | 5,917,000 | 6,374,800 | 5,226,600 | 5,254,300 | 6,982,100 | 29,754,800 |
| State/Federal/County | 10,141,000 | 3,656,300 | 5,474,500 | 4,400,000 | 4,350,000 | 28,021,800 |
| Permanent Improvement/Utilities | 6,091,000 | 4,822,600 | 5,558,600 | 5,054,900 | 4,093,400 | 25,620,500 |
| Total Improvement Plan | 29,391,400 | 28,506,800 | 24,099,700 | 17,944,200 | 18,590,500 | 118,532,600 |



2011 CAPITAL IMPROVEMENTS PROGRAM FUNDING SOURCES

| | CIP/Grant Bond | General | PI/ Prior Yr PI | Aids/ Grants | CIF/ SA | Utility Bond | Utility Revenue | Total |
|--|-------------------|---------|--------------------|-----------------|------------|-----------------|--------------------|------------|
| Capital Improvement Program | | | | | | | | |
| Buildings City-Wide | 445,000 | 250,000 | | | | | | 695,000 |
| City Hall | 789,000 | | | | | | | 789,000 |
| Fire | 630,500 | | | | | | | 630,500 |
| Lakewalk & Munger Trails | 651,600 | | | 1,806,500 | | | | 2,458,100 |
| Library | 300,000 | | | | | | | 300,000 |
| Parks & Recreation | | 342,000 | | | | | | 342,000 |
| | 2,816,100 | 592,000 | | 1,806,500 | | | | 5,214,600 |
| Street Preservation Program | | | | | | | | |
| 4th Avenue West | | | | | 210,000 | | 12,500 | 222,500 |
| 88th Avenue West | | | | | 1,513,000 | | 12,500 | 1,525,500 |
| Arrowhead Rd | | | | | 947,500 | | 12,500 | 960,000 |
| East First Street | | | | | 824,000 | | 12,500 | 836,500 |
| Ivanhoe Street | | | | | 830,000 | | 535,200 | 1,365,200 |
| Riverside Design | | | | | 100,000 | | 220,000 | 320,000 |
| Swan Lake Road | | | | | 560,000 | | | 560,000 |
| Yosemite Street | | | | | 144,000 | | 12,500 | 156,500 |
| Street Mtce Caps | | | | | 350,000 | | | 350,000 |
| Contingency | | | | | 147,500 | | | 147,500 |
| | | | | | 5,626,000 | | 817,700 | 6,443,700 |
| Street Reconstruction & Bridge Projects | | | | | | | | |
| Misc Annual Infrastructure | | | 270,000 | 100,000 | 30,000 | | | 400,000 |
| 2nd Street at 13th Bridge 93402 | | | | 750,000 | | | | 750,000 |
| 36th Avenue East | | | | 517,000 | 73,000 | | 363,000 | 953,000 |
| 26th Avenue East Signals | | | 40,000 | | | | | 40,000 |
| 46th Avenue West Signals | | | 40,000 | | | | | 40,000 |
| 27th Avenue West Bridge 69812 | | | | 1,300,000 | | | | 1,300,000 |
| Anderson Road | | | | 1,522,500 | 188,000 | | 570,000 | 2,280,500 |
| East First Street Retaining Wall | | | | 400,000 | | | | 400,000 |
| Fairmont Street Bridge L8516 | | | 250,000 | 250,000 | | | | 500,000 |
| Glenwood Street | | | | 980,000 | | | 222,300 | 1,202,300 |
| Joshua Avenue | | | 50,000 | 200,000 | | | | 250,000 |
| Lincoln Park Bridge L8476 | | | 150,000 | 550,000 | | | | 700,000 |
| Old Piedmont Avenue | | | | 600,000 | | | | 600,000 |
| Oxford/Livingston/Glenwood | | | | 250,000 | | | | 250,000 |
| Rice Lake Road | | | | 915,000 | | | | 915,000 |
| Seven Bridges Road | | | 100,000 | | | | | 100,000 |
| | | | 900,000 | 8,334,500 | 291,000 | | 1,155,300 | 10,680,800 |
| Capital Utility Projects | | | | | | | | |
| Lakewood Switchgear | | | | | | 300,000 | | 300,000 |
| Main Loop Construction | | | | | | | 25,000 | 25,000 |
| Highland Storage Tank | | | | | | 3,534,300 | | 3,534,300 |
| Water Main Replacements | | | | | | | 700,000 | 700,000 |
| Gas Main Replacements | | | | | | | 50,000 | 50,000 |
| Gas Main Extensions | | | | | | | 320,000 | 320,000 |
| Meter Set Painting | | | | | | | 48,000 | 48,000 |
| Other Projects | | | | | | | 450,000 | 450,000 |
| Manhole Adjustments | | | | | | | 100,000 | 100,000 |
| Sanitary Sewer Rehabilitation | | | | | | | 450,000 | 450,000 |
| Lift Station Improvements - Sewer | | | | | | | 400,000 | 400,000 |
| Storm Sewer Replacement | | | | | | | 250,000 | 250,000 |
| Miscellaneous Projects | | | | | | | 175,000 | 175,000 |
| Brewery & Greys Creek | | | | | | | 250,000 | 250,000 |
| | | | | | | 3,834,300 | 3,218,000 | 7,052,300 |
| GRAND TOTALS | 2,816,100 | 592,000 | 900,000 | 10,141,000 | 5,917,000 | 3,834,300 | 5,191,000 | 29,391,400 |

**2011-2015 CAPITAL IMPROVEMENTS PROGRAM
SUMMARY OF ALL FUNDS**

| | 2011 | 2012 | 2013 | 2014 | 2015 | TOTAL |
|--|------------------|------------------|------------------|------------------|------------------|-------------------|
| Capital Improvement Program | | | | | | |
| Roof Replacement | 50,000 | 200,000 | 200,000 | 200,000 | 200,000 | 850,000 |
| ADA Compliance | 50,000 | 100,000 | 100,000 | 100,000 | 100,000 | 450,000 |
| Furnace/Boiler Replacements | 50,000 | 25,000 | | 280,000 | 325,000 | 680,000 |
| Masonry Repair | | 150,000 | 150,000 | | | 300,000 |
| Skywalk Repairs | 25,000 | 725,000 | | | | 750,000 |
| Storage Buildings | 120,000 | 190,000 | 75,000 | | | 385,000 |
| Security/Entry Systems | 125,000 | 125,000 | | | | 250,000 |
| Consolidations/Dispositions | 75,000 | 175,000 | 175,000 | 175,000 | 175,000 | 775,000 |
| Facility Needs Assessment | | 225,000 | | | | 225,000 |
| Facility Needs Priorities (ARRA) | 200,000 | 255,000 | 1,000,000 | 1,150,000 | 1,255,000 | 3,860,000 |
| Modernization/Remodeling | 80,400 | 110,000 | 110,000 | 110,000 | 110,000 | 520,400 |
| Window Replacement | 525,000 | 450,000 | | | | 975,000 |
| MIS Office Space | 33,600 | | | | | 33,600 |
| Data Closet Wiring | 110,000 | | | | | 110,000 |
| Data Center Air Conditioning | 40,000 | | | | | 40,000 |
| Firehall #1 Masonry | | | | 50,000 | | 50,000 |
| Firehall #1 Remodel | | | 250,000 | | | 250,000 |
| Firehall #1,4,7 Overlays | | 35,000 | | | | 35,000 |
| Firehall #2 Repair/remodel | 90,500 | | | | | 90,500 |
| Firehall #2 Roof Replacement | | | | 250,000 | | 250,000 |
| Firehall #4 Window Replace | 60,000 | | | | | 60,000 |
| Firehall #4 & 7 Brick Repair | | | | 100,000 | | 100,000 |
| Carpet Replacement | | 54,000 | | | | 54,000 |
| Communication System | 480,000 | 720,000 | | | | 1,200,000 |
| Furnace Replacements | | | | | 50,000 | 50,000 |
| Roof Replacements | | | | | 250,000 | 250,000 |
| Keyless Entry System | | | | 100,000 | | 100,000 |
| Overhead Doors | | 100,000 | | 75,000 | 120,000 | 295,000 |
| Ventilation | | 100,000 | | 50,000 | 60,000 | 210,000 |
| Lakewalk | 200,000 | 1,470,400 | | | | 1,670,400 |
| Lakewalk Restroom Replace | | 125,000 | | | | 125,000 |
| Lakewalk Resurfacing | | 120,000 | | | | 120,000 |
| Munger Trail | 2,258,100 | 200,000 | 900,000 | 800,000 | 400,000 | 4,558,100 |
| Mechanical Systems | 300,000 | 250,000 | 250,000 | | | 800,000 |
| Solar and Green Roof | | 95,000 | | | | 95,000 |
| Baywalk Phase IV Design | 50,000 | | | | | 50,000 |
| Buddy Ball Fields | 75,000 | | | | 50,000 | 125,000 |
| Chambers Grove Trail Repair | 75,000 | | | | | 75,000 |
| Lester Park Trail Repair | 37,000 | | | | | 37,000 |
| Longview Tennis Court Resurfacing | | | | | 120,000 | 120,000 |
| Lower Chester Garden Center | | 350,000 | | | | 350,000 |
| Multipurpose Court Resurfacing | | 20,000 | 20,000 | 20,000 | 40,000 | 100,000 |
| Observation Park | | | | | 150,000 | 150,000 |
| Playground Replacement | 45,000 | 45,000 | 30,000 | 30,000 | 30,000 | 180,000 |
| Playground Replace Lester Park | 60,000 | | | | | 60,000 |
| Soccer Field Improvements | | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 |
| Soccer Field Irrigation | | 120,000 | | | | 120,000 |
| Wade Stadium Field Renovation | | | 220,000 | | | 220,000 |
| Wade Stadium Restoration | | 235,000 | | | | 235,000 |
| Washington Center-Add'l Gym | | | 600,000 | | | 600,000 |
| Washington Pool to multipurpose | | | 300,000 | | | 300,000 |
| Wheeler Backstops | | 10,000 | 10,000 | 10,000 | | 30,000 |
| Wheeler Field Storage Building | | | | 100,000 | | 100,000 |
| Wheeler Field Renovation | | | | 60,000 | | 60,000 |
| Wheeler Retaining Wall Repair | | | | 25,000 | | 25,000 |
| Capital Improvement Program Total | 5,214,600 | 6,829,400 | 4,440,000 | 3,735,000 | 3,485,000 | 23,704,000 |

**2011-2015 CAPITAL IMPROVEMENTS PROGRAM
SUMMARY OF ALL FUNDS**

| | 2011 | 2012 | 2013 | 2014 | 2015 | TOTAL |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Street Preservation Program | | | | | | |
| 4th Avenue West | 222,500 | | | | | 222,500 |
| 88th Avenue West | 1,525,500 | | | | | 1,525,500 |
| Arrowhead Road | 960,000 | | | | | 960,000 |
| East First Street | 836,500 | | | | | 836,500 |
| Ivanhoe Street | 1,365,200 | | | | | 1,365,200 |
| Riverside | 320,000 | | | | | 320,000 |
| Swan Lake Road | 560,000 | | | | | 560,000 |
| Yosemite Street | 156,500 | | | | | 156,500 |
| Street Maintenance Caps | 350,800 | | | | | 350,800 |
| Contingency | 146,700 | | | | | 146,700 |
| 47th Avenue East | | 675,500 | | | | 675,500 |
| 52nd Avenue East | | 587,500 | | | | 587,500 |
| 59th Avenue West | | 684,000 | | | | 684,000 |
| 63rd Avenue West | | 430,000 | | | | 430,000 |
| Chambersburg Avenue | | 684,000 | | | | 684,000 |
| Riverside | | 5,161,300 | | | | 5,161,300 |
| Street Maintenance Caps | | 350,000 | | | | 350,000 |
| 21st Avenue East | | | 352,500 | | | 352,500 |
| 40th Avenue West | | | 233,500 | | | 233,500 |
| Decker Road | | | 1,085,000 | | | 1,085,000 |
| Hawthorne Road | | | 575,000 | | | 575,000 |
| Lakeside Lower West | | | 1,674,600 | | | 1,674,600 |
| Maxwell Avenue | | | 360,500 | | | 360,500 |
| Redwing Street | | | 556,500 | | | 556,500 |
| West Superior Street | | | 440,000 | | | 440,000 |
| Street Maintenance Caps | | | 350,000 | | | 350,000 |
| 45th Avenue East | | | | 773,500 | | 773,500 |
| Fairmont Park North 2 | | | | 989,300 | | 989,300 |
| Piedmont East Lower | | | | 1,786,300 | | 1,786,300 |
| Concrete Pavement Repairs | | | | 1,500,000 | | 1,500,000 |
| Street Maintenance Caps | | | | 350,000 | | 350,000 |
| Tree Planting | | | | 100,000 | | 100,000 |
| Cody Street Southwest | | | | | 674,000 | 674,000 |
| Congdon Park West Lower 4 | | | | | 991,400 | 991,400 |
| Downtown Area Brick Reconstruction | | | | | 6,900,000 | 6,900,000 |
| Street Maintenance Caps | | | | | 350,000 | 350,000 |
| Tree Planting | | | | | 100,000 | 100,000 |
| Street Preservation Total | 6,443,700 | 8,572,300 | 5,627,600 | 5,499,100 | 9,015,400 | 35,158,100 |

**2011-2015 CAPITAL IMPROVEMENTS PROGRAM
SUMMARY OF ALL FUNDS**

| | 2011 | 2012 | 2013 | 2014 | 2015 | TOTAL |
|--|-------------------|------------------|------------------|------------------|------------------|-------------------|
| Street Reconstruction & Bridge Projects | | | | | | |
| Misc Annual Infrastructure | 400,000 | 292,100 | 386,600 | 572,100 | 572,100 | 2,222,900 |
| 2nd Street at 13th Bridge 93402 | 750,000 | | | | | 750,000 |
| 3rd Street Bridge 91143 | | | | 680,000 | | 680,000 |
| 9th Street Reconstruction | | | | | 300,000 | 300,000 |
| 10th Avenue East | | 200,000 | 3,812,500 | | | 4,012,500 |
| 26th Avenue East Signals | 40,000 | | 350,000 | | | 390,000 |
| 27th Avenue West Bridge 69812 | 1,300,000 | | | | | 1,300,000 |
| 27th Avenue West | | | 250,000 | 2,620,000 | | 2,870,000 |
| 36th Avenue East | 953,000 | | | | | 953,000 |
| 43rd Avenue East | | 50,000 | 895,000 | | | 945,000 |
| 46th Avenue West Signals | 40,000 | 350,000 | | | | 390,000 |
| 63rd Avenue West Bridge L3140 | | | | 420,000 | | 420,000 |
| Anderson Road | 2,280,500 | | | | | 2,280,500 |
| Bristol Street Bridge L8485 | | | 300,000 | | | 300,000 |
| Central Avenue Bridge L88550 | | | | 450,000 | | 450,000 |
| Chris Jensen Road | | 560,000 | | | | 560,000 |
| Downtown Area Brick Reconstruction | | | | 500,000 | | 500,000 |
| East 1st Street Retaining Wall | 400,000 | | | | | 400,000 |
| Fairmont Street Bridge L8516 | 500,000 | | | | | 500,000 |
| Glenwood Street | 1,202,300 | | | | | 1,202,300 |
| Joshua Avenue | 250,000 | | | | | 250,000 |
| Lincoln Park Bridge L8476 | 700,000 | | | | | 700,000 |
| Old Piedmont Avenue at W First | 600,000 | | | | | 600,000 |
| Oxford Street Bridge L9419 | | | 310,000 | | | 310,000 |
| Oxford/Livingston/Glenwood | 250,000 | 2,335,000 | | | | 2,585,000 |
| Rice Lake Road | 915,000 | | | | | 915,000 |
| Seven Bridges Road | 100,000 | | | | | 100,000 |
| Toledo Avenue Bridge L8496 | | | 140,000 | | | 140,000 |
| Triggs Avenue Bridge L5833 | | | 140,000 | | | 140,000 |
| West First Street Reconstruct | | | | 250,000 | 2,000,000 | 2,250,000 |
| Street Reconstruction & Bridge Total | 10,680,800 | 3,787,100 | 6,584,100 | 5,492,100 | 2,872,100 | 29,416,200 |

**2011-2015 CAPITAL IMPROVEMENTS PROGRAM
SUMMARY OF ALL FUNDS**

| | 2011 | 2012 | 2013 | 2014 | 2015 | TOTAL |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Capital Utility Projects | | | | | | |
| Booster Station Studies | | 50,000 | | | | 50,000 |
| Main Loop Construction | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Lakewood Switchgear | 300,000 | | | | | 300,000 |
| Highland Storage Tank | 3,534,300 | | | | | 3,534,300 |
| Water Main Replacement | 700,000 | 450,000 | 700,000 | 700,000 | 700,000 | 3,250,000 |
| Reservoir Security | | 100,000 | 100,000 | | | 200,000 |
| Pump Station | | 2,000,000 | 2,000,000 | | | 4,000,000 |
| Transmission Line | | 3,700,000 | 1,900,000 | | | 5,600,000 |
| Miscellaneous Projects | | 180,000 | | | | 180,000 |
| Gas Main Replacements | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| Gas Main Extensions | 320,000 | 320,000 | 320,000 | 320,000 | 320,000 | 1,600,000 |
| Meter Set Painting | 48,000 | 48,000 | 48,000 | 48,000 | 48,000 | 240,000 |
| Miscellaneous Projects | 450,000 | 460,000 | 400,000 | 200,000 | 200,000 | 1,710,000 |
| Manhole Adjustments | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| Sanitary Sewer Rehab/Reline | 450,000 | 450,000 | 750,000 | 750,000 | 750,000 | 3,150,000 |
| Lift Station Improvements | 400,000 | 350,000 | 350,000 | 350,000 | 350,000 | 1,800,000 |
| Miscellaneous Projects | | 180,000 | | | | 180,000 |
| Manhole Adjustments | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| Miscellaneous Projects | 175,000 | 355,000 | 205,000 | 175,000 | 175,000 | 1,085,000 |
| Storm Sewer Replacement | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| Brewery & Gray's Creek | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| Capital Utility Projects Total | 7,052,300 | 9,318,000 | 7,448,000 | 3,218,000 | 3,218,000 | 30,254,300 |
| GRAND TOTAL | 29,391,400 | 28,506,800 | 24,099,700 | 17,944,200 | 18,590,500 | 118,532,600 |



5 YEAR CAPITAL IMPROVEMENTS PROGRAM BY FUNDING SOURCE

| | 2011 | 2012 | 2013 | 2014 | 2015 | TOTAL |
|--|------------|------------|------------|------------|------------|-------------|
| Capital Improvement Bond | 2,164,500 | 2,634,000 | 1,835,000 | 1,835,000 | 1,765,000 | 10,233,500 |
| Matching Grant Bond | 651,600 | 494,100 | | | | 1,145,700 |
| General Fund - Current Year Revenue | 592,000 | 2,525,000 | 2,105,000 | 1,400,000 | 1,400,000 | 8,022,000 |
| Permanent Improvement Fund | 422,100 | 422,100 | 422,100 | 422,100 | 422,100 | 2,110,500 |
| Prior Year Permanent Improvement | 477,900 | | 50,000 | | | 527,900 |
| Federal Grants | 4,304,500 | 1,276,300 | 1,550,000 | 600,000 | 1,050,000 | 8,780,800 |
| State Funding | | | | | | |
| MSA | 3,104,500 | 2,100,000 | 3,182,500 | 2,946,000 | 3,300,000 | 14,633,000 |
| State Bonding | 2,000,000 | | 742,000 | 854,000 | | 3,596,000 |
| St Louis County | 732,000 | 280,000 | | | | 1,012,000 |
| Community Investment Trust Fund | 4,336,400 | 4,774,200 | 3,928,000 | 3,990,800 | 5,333,900 | 22,363,300 |
| Special Assessment | 1,580,600 | 1,600,600 | 1,298,600 | 1,263,500 | 1,648,200 | 7,391,500 |
| Utilities - Bonding | | | | | | |
| Water | 3,834,300 | 7,000,000 | 3,900,000 | | | 14,734,300 |
| Sewer | | 1,000,000 | | | | 1,000,000 |
| Utilities - Current Year Revenue | | | | | | |
| Water | 1,713,400 | 1,117,500 | 1,638,500 | 1,156,200 | 841,400 | 6,467,000 |
| Gas | 869,300 | 878,000 | 868,000 | 631,000 | 618,000 | 3,864,300 |
| Sewer | 1,470,300 | 1,330,000 | 1,690,000 | 1,760,600 | 1,419,900 | 7,670,800 |
| Stormwater | 1,138,000 | 1,075,000 | 890,000 | 1,085,000 | 792,000 | 4,980,000 |
| TOTAL ALL FUNDING SOURCES | 29,391,400 | 28,506,800 | 24,099,700 | 17,944,200 | 18,590,500 | 118,532,600 |



Capital Improvement Program





Capital Improvement Program Summary

The Capital Improvement Program is the principal funding program the City uses to make large, planned improvements and corrections to its building inventory and infrastructure. It traditionally consists of funding from general obligation bonds for city hall, public safety facilities, libraries and public works facilities. General Fund supported CIP is used in funding those structures not eligible for bond support, typically Parks & Recreation structures. The City maintains 150 structures and 93 parks. It has approximately 49 miles of trails, walkways, and paths also requiring services for improvements and maintenance. With an average age of over 40 years, these structures require continued accessibility and code compliance efforts. The program is funded through the sale of general obligation bonds, current year operating revenues from the General Fund, Federal and State grants awarded for specific projects.

| Projects | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Buildings City-Wide | 695,000 | 2,170,000 | 1,700,000 | 1,905,000 | 2,055,000 | 8,525,000 |
| City Hall | 789,000 | 560,000 | 110,000 | 110,000 | 110,000 | 1,679,000 |
| Fire | 630,500 | 1,009,000 | 250,000 | 625,000 | 480,000 | 2,994,500 |
| Lakewalk & Munger Trail | 2,458,100 | 1,915,400 | 900,000 | 800,000 | 400,000 | 6,473,500 |
| Library | 300,000 | 250,000 | 250,000 | | | 800,000 |
| Maintenance Shop | | 95,000 | | | | 95,000 |
| Parks & Recreation | 342,000 | 830,000 | 1,230,000 | 295,000 | 440,000 | 3,137,000 |
| Total | 5,214,600 | 6,829,400 | 4,440,000 | 3,735,000 | 3,485,000 | 23,704,000 |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| General Fund | 592,000 | 2,525,000 | 2,105,000 | 1,400,000 | 1,400,000 | 8,022,000 |
| Capital Improvement Bond | 2,164,500 | 2,634,000 | 1,835,000 | 1,835,000 | 1,765,000 | 10,233,500 |
| Matching Grant Bond | 651,600 | 494,100 | | | | 1,145,700 |
| Federal Grants | 1,806,500 | 1,176,300 | 500,000 | 500,000 | 320,000 | 4,302,800 |
| Total | 5,214,600 | 6,829,400 | 4,440,000 | 3,735,000 | 3,485,000 | 23,704,000 |

Buildings City-Wide

Description:

It is important to maintain a city-wide program of roof replacements and accessibility compliance for structures not eligible for bond support. With our diminished funding support and re-organization of personnel, it is important to establish a program of consolidation and disposition of outlying Parks and Recreation structures. Whether this plan develops into citizen based management of a structure, or the City declares a structure uninhabitable and slated for closure, funds need to be consistently allocated to fund either condition. Current funding limits for city wide reroofing support allows the replacement of shingles to two structures annually or one EPDM replacement. Escalating petroleum based products and labor are the primary reasons. Many remote sites need masonry tuck pointing. This is our primary point of water migration into finished spaces. We have damaged window heads, sills and parapets which need repairs under this funding.

Additionally, many remote sites are being heated with boilers or furnaces which are 20 years old. Replacing these with modern, high efficient units with electronic controls can realize 15% annual energy savings over the continued life of the structure.

There is a city wide need for a cold storage facility to serve all departments. Consolidation and centralization of all files, equipment and facility furnishings will allow development of standardized filing and reduce staff time on recovering same.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|----------------------------------|----------------|------------------|------------------|------------------|------------------|------------------|
| Roof Replacement | 50,000 | 200,000 | 200,000 | 200,000 | 200,000 | 850,000 |
| ADA Compliance | 50,000 | 100,000 | 100,000 | 100,000 | 100,000 | 450,000 |
| Furnace/Boiler Replacements | 50,000 | 25,000 | | 280,000 | 325,000 | 680,000 |
| Masonry Repair | | 150,000 | 150,000 | | | 300,000 |
| Skywalk Repairs | 25,000 | 725,000 | | | | 750,000 |
| Storage Buildings | 120,000 | 190,000 | 75,000 | | | 385,000 |
| Security/Entry Systems | 125,000 | 125,000 | | | | 250,000 |
| Consolidations/Dispositions | 75,000 | 175,000 | 175,000 | 175,000 | 175,000 | 775,000 |
| Facility Needs Assessment | | 225,000 | | | | 225,000 |
| Facility Needs Priorities (ARRA) | 200,000 | 255,000 | 1,000,000 | 1,150,000 | 1,255,000 | 3,860,000 |
| Total | 695,000 | 2,170,000 | 1,700,000 | 1,905,000 | 2,055,000 | 8,525,000 |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|--------------------------|----------------|------------------|------------------|------------------|------------------|------------------|
| General Fund | 250,000 | 1,450,000 | 475,000 | 805,000 | 880,000 | 3,860,000 |
| Capital Improvement Bond | 445,000 | 720,000 | 1,225,000 | 1,100,000 | 1,175,000 | 4,665,000 |
| Total | 695,000 | 2,170,000 | 1,700,000 | 1,905,000 | 2,055,000 | 8,525,000 |

City Hall

Description:

City Hall windows were installed in the mid 1970's under less than optimal window manufacturing conditions. All sashes are warped and require staff to manually close during the fall season change.

Projects include:

- Continuing four year plan to replace 32 year old windows
- Modernize to accommodate reorganizations and department consolidations
- MIS office space remodeling
- Data Closet Wiring
- Data Center Air Conditioning

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|------------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Modernization/Remodeling | 80,400 | 110,000 | 110,000 | 110,000 | 110,000 | 520,400 |
| Window Replacement | 525,000 | 450,000 | | | | 975,000 |
| MIS Office Space | 33,600 | | | | | 33,600 |
| Data Closet Wiring | 110,000 | | | | | 110,000 |
| Data Center Air Conditioning | 40,000 | | | | | 40,000 |
| Total | 789,000 | 560,000 | 110,000 | 110,000 | 110,000 | 1,158,600 |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|--------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Capital Improvement Bond | 789,000 | 560,000 | 110,000 | 110,000 | 110,000 | 1,679,000 |

Fire Department

Description:

Over the next five years, the City is proposing to invest almost \$1.8 million in repair and maintenance projects, and energy improvements at firehalls throughout the City. Repair and maintenance projects consist of masonry and brick repair; remodeling and carpeting; and driveway overlays as necessary. Energy improvements consist of installing new windows and overhead doors, as well as replacing furnaces and roofs. Improvements in the ventilation systems in various firehalls continues the effort to install capture at source systems to reclaim diesel exhaust from apparatus upon start.

\$1.2 million is proposed for the purchase of a new communication system as mandated by the FCC. The City is moving to the ARMER communication system (a state system) to meet the narrow band compliance deadline of January 1, 2013.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|------------------------------|----------------|------------------|----------------|----------------|----------------|------------------|
| Firehall #1 Masonry | | | | 50,000 | | 50,000 |
| Firehall #1 Remodel | | | 250,000 | | | 250,000 |
| Firehall #1,4,7 Overlays | | 35,000 | | | | 35,000 |
| Firehall #2 Repair/remodel | 90,500 | | | | | 90,500 |
| Firehall #2 Roof Replacement | | | | 250,000 | | 250,000 |
| Firehall #4 Window Replace | 60,000 | | | | | 60,000 |
| Firehall #4 & 7 Brick Repair | | | | 100,000 | | 100,000 |
| Carpet Replacement | | 54,000 | | | | 54,000 |
| Communication System | 480,000 | 720,000 | | | | 1,200,000 |
| Furnace Replacements | | | | | 50,000 | 50,000 |
| Roof Replacements | | | | | 250,000 | 250,000 |
| Keyless Entry System | | | | 100,000 | | 100,000 |
| Overhead Doors | | 100,000 | | 75,000 | 120,000 | 295,000 |
| Ventilation | | 100,000 | | 50,000 | 60,000 | 210,000 |
| Total | 630,500 | 1,009,000 | 250,000 | 625,000 | 480,000 | 2,994,500 |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|--------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Capital Improvement Bond | 630,500 | 1,009,000 | 250,000 | 625,000 | 480,000 | 2,994,500 |

Lakewalk and Munger Trails

Description:

Lakewalk is a combination of a \$1.2 million federal grant and the City's match for engineering, right of way acquisition, acquisition, and construction. This continues the successful extension of this vital recreation and commuting trail from 60th Avenue East to Brighton Beach, following the North Shore Railroad right of way.

The 2011 Munger Trail project is a combination of a \$1.8 million federal grant and the City's match for engineering, right of way acquisition, and construction of the trail from Recycle Way to Jenswold.

There is a need for a new restroom on Lakewalk and older portions of the trail are in need of resurfacing, which will be done in house.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|----------------------|------------------|------------------|----------------|----------------|----------------|------------------|
| Lakewalk | 200,000 | 1,470,400 | | | | 1,670,400 |
| Lakewalk Restroom | | 125,000 | | | | 125,000 |
| Lakewalk Resurfacing | | 120,000 | | | | 120,000 |
| Munger Trail | 2,258,100 | 200,000 | 900,000 | 800,000 | 400,000 | 4,558,100 |
| Total | 2,458,100 | 1,915,400 | 900,000 | 800,000 | 400,000 | 6,473,500 |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|---------------------|------------------|------------------|----------------|----------------|----------------|------------------|
| Federal Grant | 1,806,500 | 1,176,300 | 500,000 | 500,000 | 320,000 | 4,302,800 |
| Matching Grant Bond | 651,600 | 494,100 | | | | 1,145,700 |
| General Fund | | 245,000 | 400,000 | 300,000 | 80,000 | 1,025,000 |
| Total | 2,458,100 | 1,915,400 | 900,000 | 800,000 | 400,000 | 6,473,500 |

Library

Description:

The main library mechanical system is the original installation and has not seen major energy modifications or maintenance upgrades since its installation. Current energy demands, coupled with increased air quality concerns necessitate a review, cleaning and upgrade to mechanical equipment, controls and delivery components.

An estimated savings of 10% annually in fuel/energy consumption at this building alone will result in operating savings of approximately \$14,000 annually, based on today's energy costs and current consumption.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|--------------------|----------------|----------------|----------------|-------------|-------------|----------------|
| Mechanical Systems | 300,000 | 250,000 | 250,000 | | | 800,000 |
| Total | <u>300,000</u> | <u>250,000</u> | <u>250,000</u> | | | <u>800,000</u> |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|--------------------------|----------------|----------------|----------------|-------------|-------------|----------------|
| Capital Improvement Bond | 300,000 | 250,000 | 250,000 | | | 800,000 |
| Total | <u>300,000</u> | <u>250,000</u> | <u>250,000</u> | | | <u>800,000</u> |

Maintenance Shop

Description:

In our city's ongoing effort to honor commitments to Cities for Climate Protection (CCP) and Early Adopters (EAP), and continued efforts to move toward sustainable maintenance models, we are replacing the aged EPDM roof (delayed the last 4 years due to funding limits) with the "Green Roof" concept of replacement.

Solar energy would be added to take care of this buildings domestic hot water needs. This would be the final step in modernizing our HVAC system in this structure and compliments the high efficiency, modulating condensing boilers added in 2010.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|----------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Solar and Green Roof | | 95,000 | | | | 95,000 |
| Total | | 95,000 | | | | 95,000 |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|--------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Capital Improvement Bond | | 95,000 | | | | 95,000 |

Parks & Recreation

Description:

With over 90 park sites and depleted staff resources, the need for CIP support to maintain trails and improve accessible recreation is more important than ever. 2011 needs are continued support of accessible ball field surfaces; trail repair at Lester Park; shore line and trail repair at Chambers Grove; a new playground at Lester Park; and the continuation of the City's matching grant program for playgrounds.

Wade Stadium is on the list of historic sites and needs brick tuck pointing, washroom modernization, accessibility upgrades as well as irrigation to the field.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-----------------------------------|----------------|----------------|------------------|----------------|----------------|------------------|
| Baywalk Phase IV Design | 50,000 | | | | | 50,000 |
| Buddy Ball Fields | 75,000 | | | | 50,000 | 125,000 |
| Chambers Grove Trail Repair | 75,000 | | | | | 75,000 |
| Lester Park Trail Repair | 37,000 | | | | | 37,000 |
| Longview Tennis Court Resurfacing | | | | | 120,000 | 120,000 |
| Lower Chester Garden Center | | 350,000 | | | | 350,000 |
| Multipurpose Court Resurfacing | | 20,000 | 20,000 | 20,000 | 40,000 | 100,000 |
| Observation Park | | | | | 150,000 | 150,000 |
| Playground Replacement | 45,000 | 45,000 | 30,000 | 30,000 | 30,000 | 180,000 |
| Playgrnd Replace Lester Park | 60,000 | | | | | 60,000 |
| Soccer Field Improvements | | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 |
| Soccer Field Irrigation | | 120,000 | | | | 120,000 |
| Wade Stadium Field Renovation | | | 220,000 | | | 220,000 |
| Wade Stadium Restoration | | 235,000 | | | | 235,000 |
| Washington Center-Add'l Gym | | | 600,000 | | | 600,000 |
| Washington Pool to multipurpose | | | 300,000 | | | 300,000 |
| Wheeler Backstops | | 10,000 | 10,000 | 10,000 | | 30,000 |
| Wheeler Field Storage Building | | | | 100,000 | | 100,000 |
| Wheeler Field Renovation | | | | 60,000 | | 60,000 |
| Wheeler Retaining Wall Repair | | | | 25,000 | | 25,000 |
| Total | 342,000 | 830,000 | 1,230,000 | 295,000 | 440,000 | 3,137,000 |
| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
| General Fund | 342,000 | 830,000 | 1,230,000 | 295,000 | 440,000 | 3,137,000 |
| Total | 342,000 | 830,000 | 1,230,000 | 295,000 | 440,000 | 3,137,000 |



Street Improvement Program





Street Improvement Program Summary

Description:

The street improvement program consists of two types of capital improvements; street reconstruction and street preservation.

Reconstruction consists of removal of existing road and sub grade, and placement of new granular base and surface, including new curb and gutter and sidewalk. The existing utilities are also replaced as appropriate, depending on age and condition.

Preservation of existing surfaces can include one of several techniques depending on the surface type, age of pavement and condition, and the sub grade material. These techniques include mill and overlay, reconditioning, or concrete pavement rehabilitation. The preservation program is a strategically planned, engineering based program to arrest light deterioration, retard progressive failures, reduce the need for routine maintenance, and maintain the existing roadway system. It is a series of cost effective maintenance strategies to delay the onset of predicted distress and prolong pavement life.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|----------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Street Program | 6,443,700 | 8,572,300 | 5,627,600 | 5,499,100 | 9,015,400 | 35,158,100 |
| Total | <u>6,443,700</u> | <u>8,572,300</u> | <u>5,627,600</u> | <u>5,499,100</u> | <u>9,015,400</u> | <u>35,158,100</u> |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Community Investment Fund | 4,336,400 | 4,774,200 | 3,928,000 | 3,990,800 | 5,333,900 | 22,363,300 |
| Special Assessment | 1,289,600 | 1,335,600 | 996,100 | 713,500 | 1,598,200 | 5,933,000 |
| Community Develop Block Grant | | | | | 130,000 | 130,000 |
| Municipal State Aid | | | | | 1,500,000 | 1,500,000 |
| Sewer Bond | | 1,000,000 | | | | 1,000,000 |
| Sewer | 300,000 | | 165,000 | 310,600 | 269,900 | 1,045,500 |
| Storm | 120,000 | 100,000 | 55,000 | 290,000 | 67,000 | 632,000 |
| Water Bond | | 1,300,000 | | | | 1,300,000 |
| Water | 397,700 | 62,500 | 483,500 | 181,200 | 116,400 | 1,241,300 |
| Gas | | | | 13,000 | | 13,000 |
| Total | <u>6,443,700</u> | <u>8,572,300</u> | <u>5,627,600</u> | <u>5,499,100</u> | <u>9,015,400</u> | <u>35,158,100</u> |

2011 Street Improvement Program

| Project | 2011 | Funding | 2011 |
|-------------------------|------------------|---------------------------|------------------|
| 4th Avenue West | 222,500 | Community Investment Fund | 4,336,400 |
| 88th Avenue West | 1,525,500 | Special Assessment | 1,289,600 |
| Arrowhead Road | 960,000 | Sewer | 300,000 |
| East First Street | 836,500 | Storm | 120,000 |
| Ivanhoe Street | 1,365,200 | Water | 397,700 |
| Riverside | 320,000 | | |
| Swan Lake Road | 560,000 | | |
| Yosemite Street | 156,500 | | |
| Street Maintenance Caps | 350,800 | | |
| Contingency | 146,700 | | |
| | 6,443,700 | | |
| | | | |
| Total | 6,443,700 | Total | 6,443,700 |

Project Title:
 4th Avenue West

Funding Source:

| | FY 2011 |
|-------|-----------|
| CIF | 157,500 |
| SA | 52,500 |
| Water | 12,500 |
| | \$222,500 |

PROJECT TOTAL: \$222,500



2011 Street Improvement Program

Project Title:

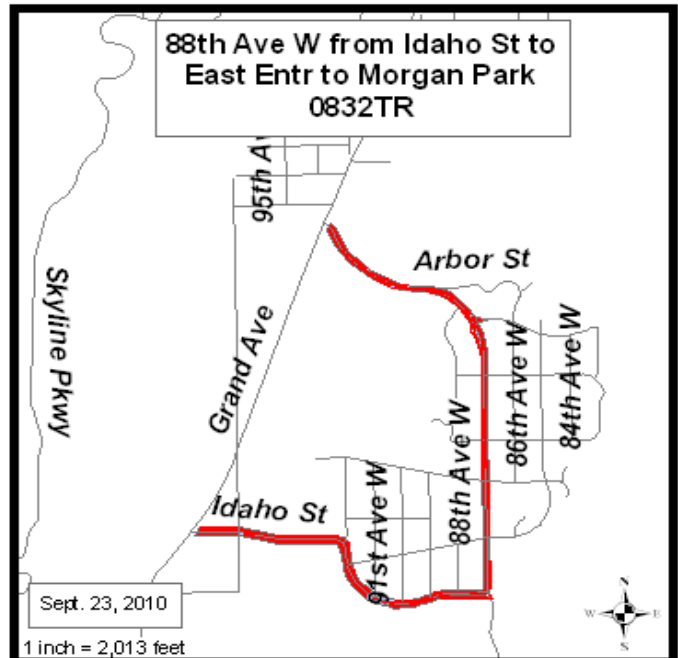
88th Avenue West

Funding Source:

| | FY 2011 |
|-------|-----------|
| CIF | 1,134,800 |
| SA | 378,200 |
| Water | 12,500 |

PROJECT TOTAL:

\$1,525,500



Project Title:

Arrowhead Road

Funding Source:

| | FY 2011 |
|-------|---------|
| CIF | 703,100 |
| SA | 244,400 |
| Water | 12,500 |

PROJECT TOTAL:

\$960,000



2011 Street Improvement Program

Project Title:
 East First Street

Funding Source:

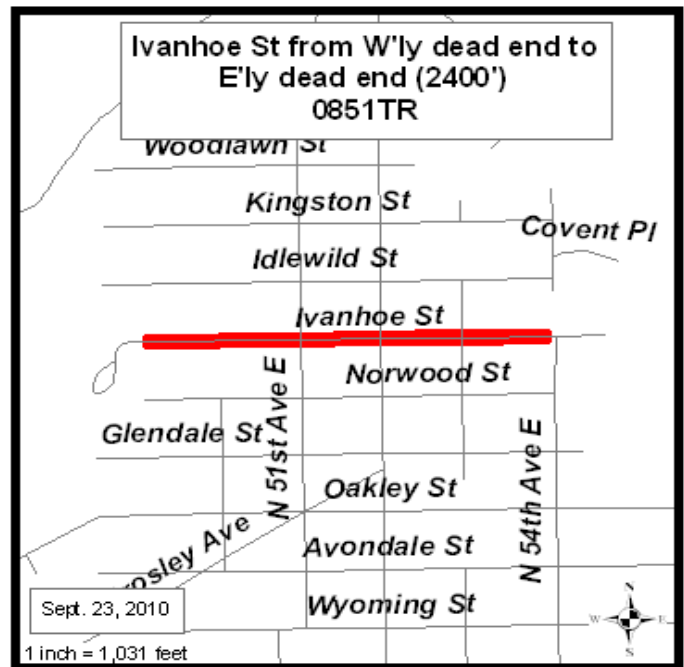
| | FY 2012 |
|-------|---------------------------------|
| CIF | 618,000 |
| SA | 206,000 |
| Water | 12,500 |
| | PROJECT TOTAL: \$836,500 |



Project Title:
 Ivanhoe Street

Funding Source:

| | FY 2011 |
|-------|-----------------------------------|
| CIF | 622,500 |
| SA | 207,500 |
| Water | 235,200 |
| Sewer | 200,000 |
| Storm | 100,000 |
| | PROJECT TOTAL: \$1,365,200 |



2011 Street Improvement Program

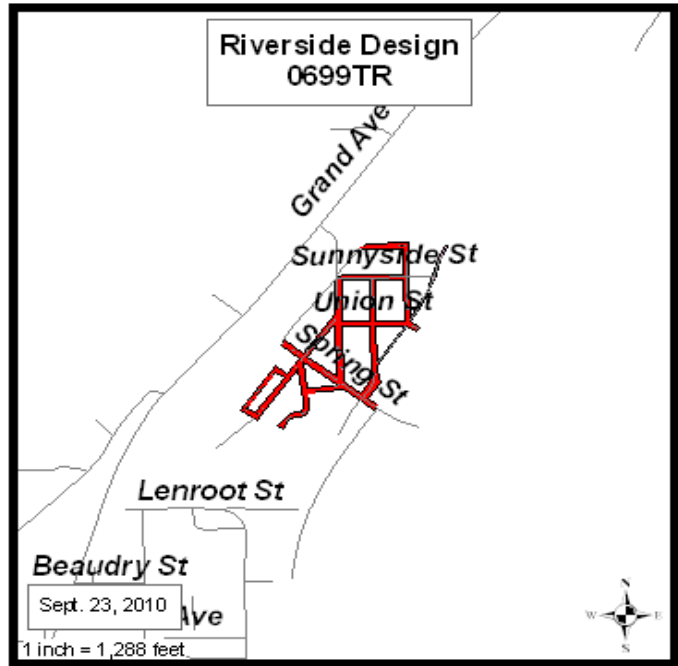
Project Title:

Riverside

Funding Source:

| | FY 2011 |
|-------|---------|
| CIF | 75,000 |
| SA | 25,000 |
| Water | 100,000 |
| Sewer | 100,000 |
| Storm | 20,000 |

PROJECT TOTAL: \$320,000



Project Title:

Swan Lake Road

Funding Source:

| | FY 2011 |
|-----|---------|
| CIF | 420,000 |
| SA | 140,000 |

PROJECT TOTAL: \$560,000



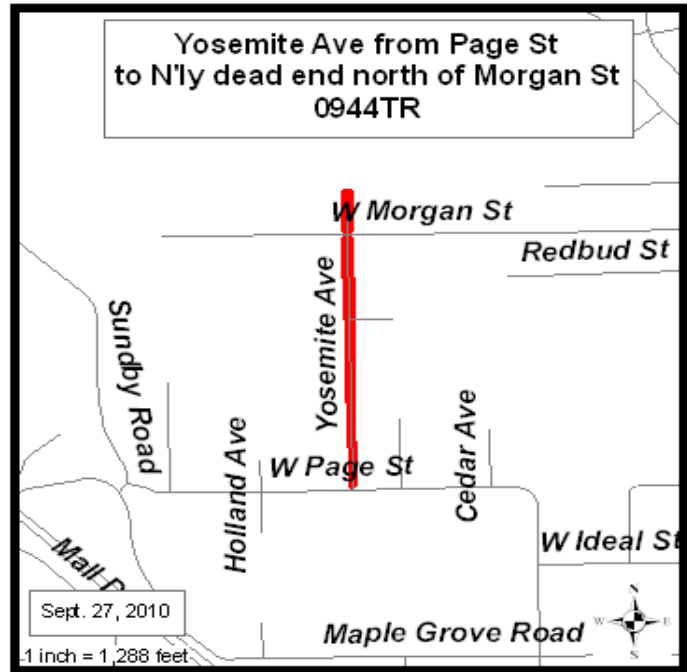
2011 Street Improvement Program

Project Title:

Yosemite Street

Funding Source:

| | FY 2011 |
|-----------------------|------------------|
| CIF | 108,000 |
| SA | 36,000 |
| Water | 12,500 |
| PROJECT TOTAL: | \$156,500 |



2012 Street Improvement Program

| Project | 2012 | Funding | 2012 |
|-------------------------|------------------|---------------------------|------------------|
| 47th Avenue East | 675,500 | Community Investment Fund | 4,774,200 |
| 52nd Avenue East | 587,500 | Special Assessment | 1,335,600 |
| 59th Avenue West | 684,000 | Sewer Bond | 1,000,000 |
| 63rd Avenue West | 430,000 | Storm | 100,000 |
| Chambersburg Avenue | 684,000 | Water Bond | 1,300,000 |
| Riverside | 5,161,300 | Water | 62,500 |
| Street Maintenance Caps | 350,000 | | |
| Total | 8,572,300 | Total | 8,572,300 |

Project Title:

47th Avenue East

Funding Source:

| | |
|-------|---------|
| | FY 2012 |
| CIF | 497,200 |
| SA | 165,800 |
| Water | 12,500 |

PROJECT TOTAL: \$675,500



2012 Street Improvement Program

Project Title:

52nd Avenue East

Funding Source:

| | FY 2012 |
|-----------------------|------------------|
| CIF | 431,300 |
| SA | 143,700 |
| Water | 12,500 |
| PROJECT TOTAL: | \$587,500 |



Project Title:

59th Avenue West

Funding Source:

| | FY 2012 |
|-----------------------|------------------|
| CIF | 503,600 |
| SA | 167,900 |
| Water | 12,500 |
| PROJECT TOTAL: | \$684,000 |



2012 Street Improvement Program

Project Title:

63rd Avenue West

Funding Source:

| | FY 2012 |
|-----------------------|------------------|
| CIF | 417,500 |
| Water | 12,500 |
| PROJECT TOTAL: | \$430,000 |

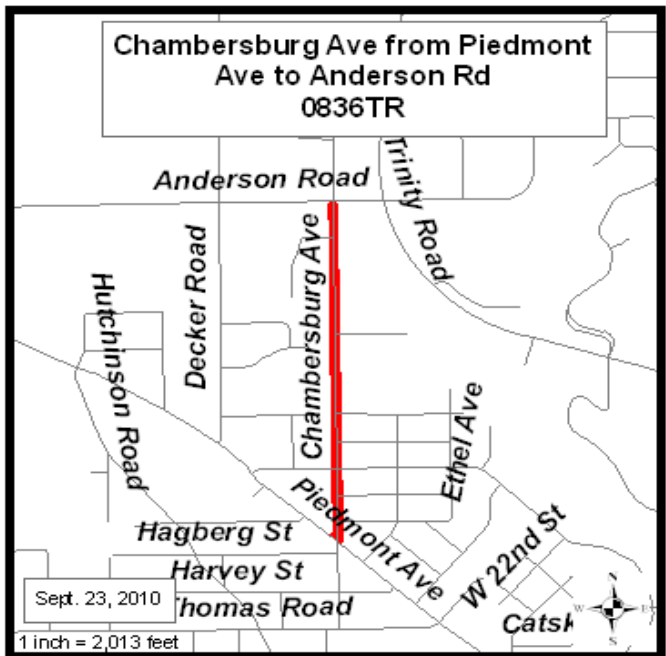


Project Title:

Chambersburg Avenue

Funding Source:

| | FY 2012 |
|-----------------------|------------------|
| CIF | 503,600 |
| SA | 167,900 |
| Water | 12,500 |
| PROJECT TOTAL: | \$684,000 |



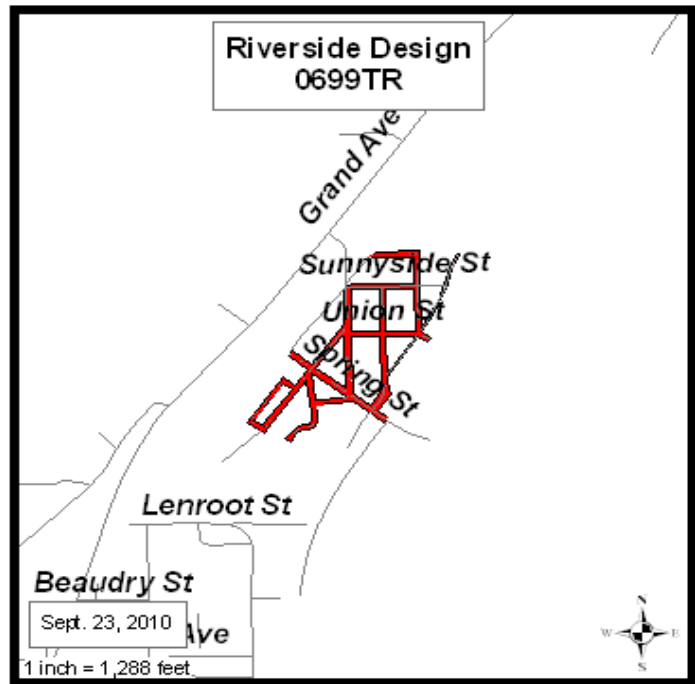
2012 Street Improvement Program

Project Title:

Riverside

Funding Source:

| | FY 2012 |
|-----------------------|--------------------|
| CIF | 2,071,000 |
| SA | 690,300 |
| Water Bond | 1,300,000 |
| Sewer Bond | 1,000,000 |
| Storm | 100,000 |
| PROJECT TOTAL: | \$5,161,300 |



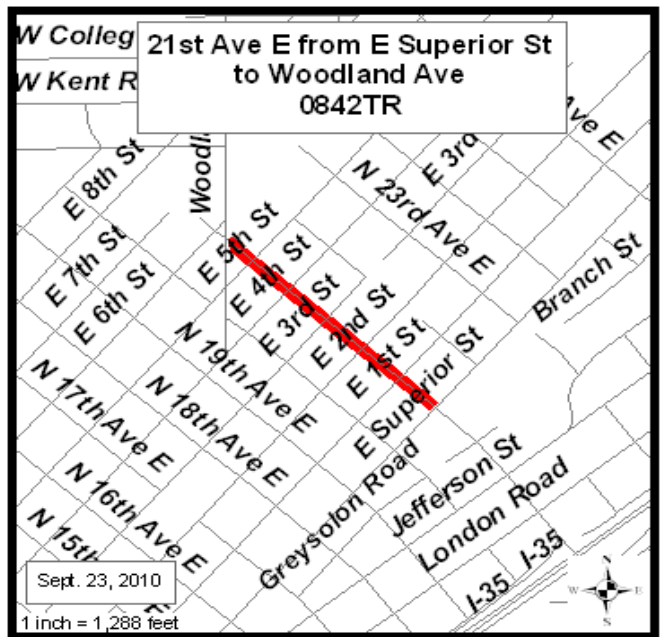
2013 Street Improvement Program

| Project | 2013 | Funding | 2013 |
|-------------------------|------------------|---------------------------|------------------|
| 21st Avenue East | 352,500 | Community Investment Fund | 3,928,000 |
| 40th Avenue West | 233,500 | Special Assessment | 996,100 |
| Decker Road | 1,085,000 | Sewer | 165,000 |
| Hawthorne Road | 575,000 | Storm | 55,000 |
| Lakeside Lower West | 1,674,600 | Water | 483,500 |
| Maxwell Avenue | 360,500 | | |
| Redwing Street | 556,500 | | |
| West Superior Street | 440,000 | | |
| Street Maintenance Caps | 350,000 | | |
| Total | 5,627,600 | Total | 5,627,600 |

Project Title:
 21st Avenue East

Funding Source:

| | FY 2013 |
|-----------------------|------------------|
| CIF | 255,000 |
| SA | 85,000 |
| Water | 12,500 |
| PROJECT TOTAL: | \$352,500 |



2013 Street Improvement Program

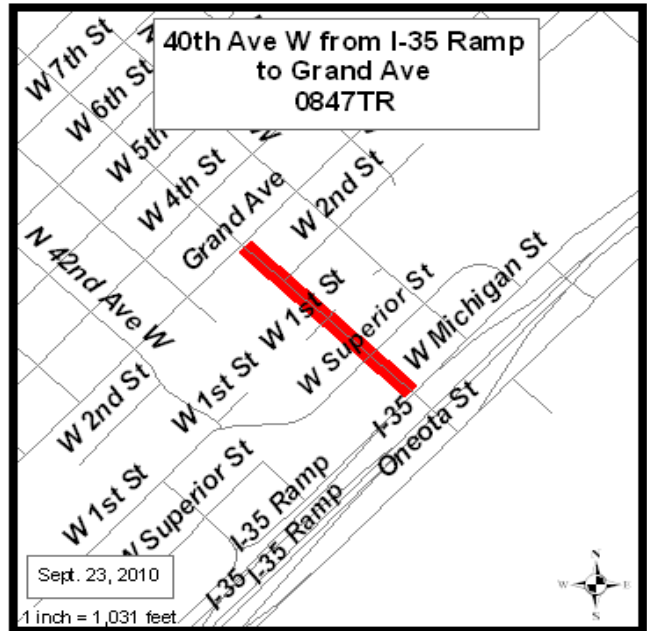
Project Title:

40th Avenue West

Funding Source:

| | FY 2013 |
|-------|---------|
| CIF | 165,700 |
| SA | 55,300 |
| Water | 12,500 |

PROJECT TOTAL: \$233,500



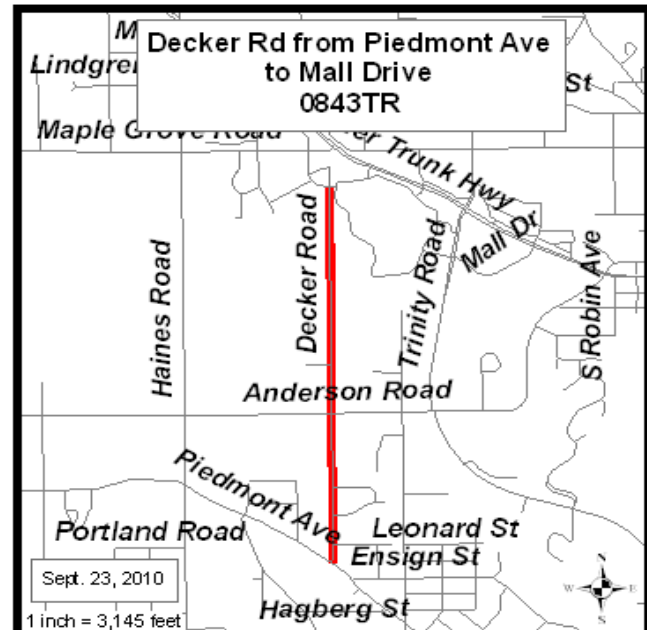
Project Title:

Decker Road

Funding Source:

| | FY 2013 |
|-------|---------|
| CIF | 804,400 |
| SA | 268,100 |
| Water | 12,500 |

PROJECT TOTAL: \$1,085,000



2013 Street Improvement Program

Project Title:

Hawthorne Road

Funding Source:

| | |
|-------|---------|
| | FY 2013 |
| CIF | 562,500 |
| Water | 12,500 |

PROJECT TOTAL: \$575,000



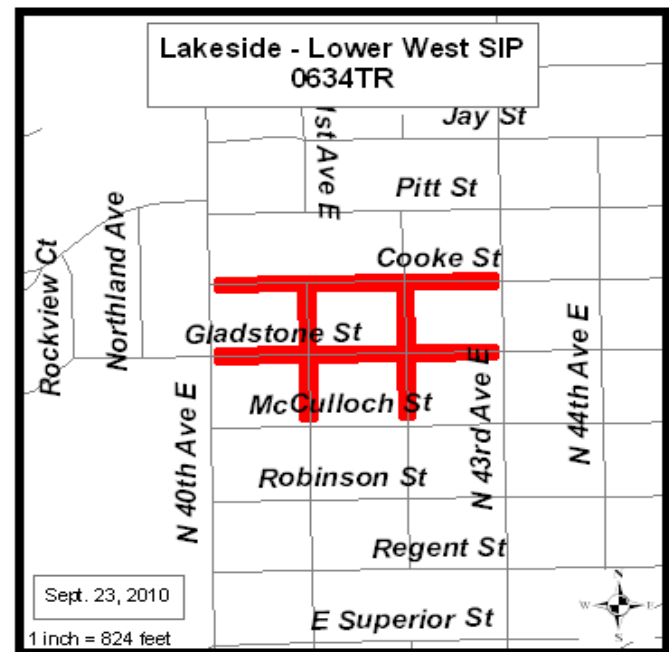
Project Title:

Lakeside Lower West

Funding Source:

| | |
|-------|---------|
| | FY 2013 |
| CIF | 794,000 |
| SA | 264,600 |
| Water | 396,000 |
| Sewer | 165,000 |
| Storm | 55,000 |

PROJECT TOTAL: \$1,674,600



2013 Street Improvement Program

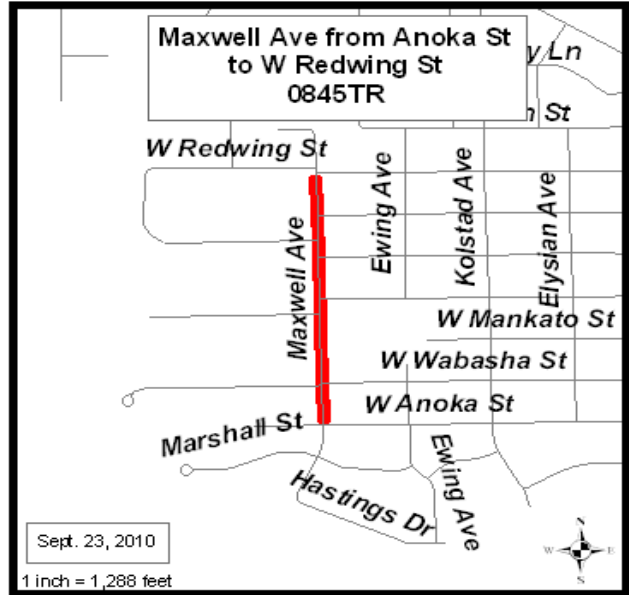
Project Title:

Maxwell Avenue

Funding Source:

| | |
|-------|---------|
| | FY 2013 |
| CIF | 267,800 |
| SA | 80,200 |
| Water | 12,500 |

PROJECT TOTAL: \$360,500



Project Title:

Redwing Street

Funding Source:

| | |
|-------|---------|
| | FY 2013 |
| CIF | 408,000 |
| SA | 136,000 |
| Water | 12,500 |

PROJECT TOTAL: \$556,500



2013 Street Improvement Program

Project Title:

West Superior Street

Funding Source:

| | |
|-------|--------------------------|
| | FY 2013 |
| CIF | 320,600 |
| SA | 106,900 |
| Water | 12,500 |
| | PROJECT TOTAL: \$440,000 |



2014 Street Improvement Program

| Project | 2014 |
|---------------------------|------------------|
| 45th Avenue East | 773,500 |
| Fairmont Park North 2 | 989,300 |
| Piedmont East Lower | 1,786,300 |
| Concrete Pavement Repairs | 1,500,000 |
| Street Maintenance Caps | 350,000 |
| Tree Planting | 100,000 |
| Total | 5,499,100 |

| Funding | 2014 |
|---------------------------|------------------|
| Community Investment Fund | 3,990,800 |
| Special Assessment | 713,500 |
| Sewer | 310,600 |
| Storm | 290,000 |
| Water | 181,200 |
| Gas | 13,000 |
| Total | 5,499,100 |

Project Title:

45th Avenue East

Funding Source:

FY 2014

| | | |
|-----|--|---------|
| CIF | | 580,100 |
| SA | | 193,400 |

PROJECT TOTAL: \$773,500



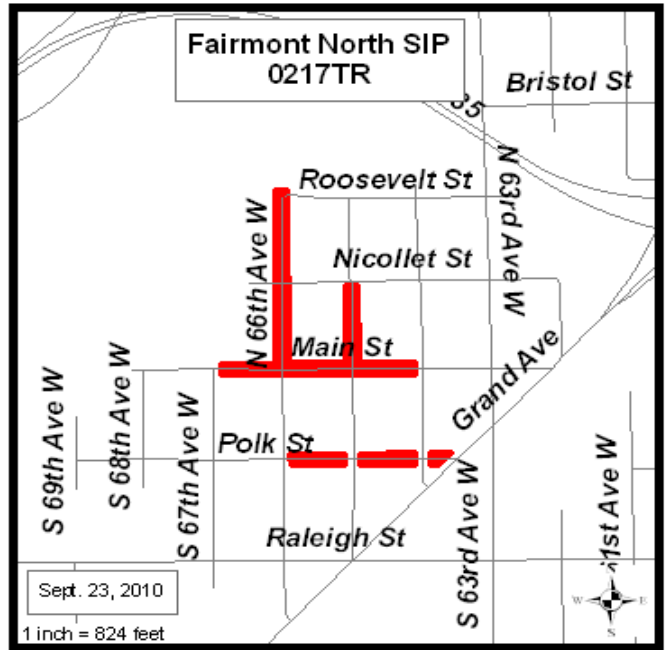
2014 Street Improvement Program

Project Title:

Fairmont Park North 2

Funding Source:

| | FY 2014 |
|-----------------------|------------------|
| CIF | 567,400 |
| SA | 189,100 |
| Water | 69,200 |
| Sewer | 118,600 |
| Storm | 40,000 |
| Gas | 5,000 |
| PROJECT TOTAL: | \$989,300 |

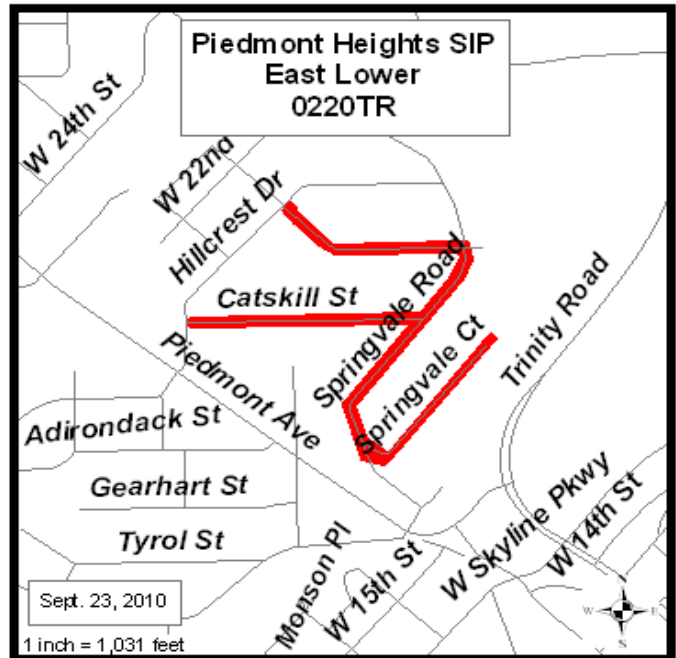


Project Title:

Piedmont East Lower

Funding Source:

| | FY 2014 |
|-----------------------|--------------------|
| CIF | 918,300 |
| SA | 306,000 |
| Water | 112,000 |
| Sewer | 192,000 |
| Storm | 250,000 |
| Gas | 8,000 |
| PROJECT TOTAL: | \$1,786,300 |



2015 Street Improvement Program

| Project | 2015 | Funding | 2015 |
|---------------------------|------------------|-------------------------------|------------------|
| Cody Street Southwest | 674,000 | Community Investment Fund | 5,333,900 |
| Congdon Park West Lower 4 | 991,400 | Special Assessment | 1,598,200 |
| Downtown Reconstruction | 6,900,000 | Community Develop Block Grant | 130,000 |
| Street Maintenance Caps | 350,000 | Municipal State Aid | 1,500,000 |
| Tree Planting | 100,000 | Sewer | 269,900 |
| | | Storm | 67,000 |
| | | Water | 116,400 |
| Total | 9,015,400 | Total | 9,015,400 |

Project Title:

Cody Street Southwest

Funding Source:

| | FY 2015 |
|-------|---------|
| CIF | 389,000 |
| CDBG | 130,000 |
| Water | 47,000 |
| Sewer | 81,000 |
| Storm | 27,000 |

PROJECT TOTAL: \$674,000



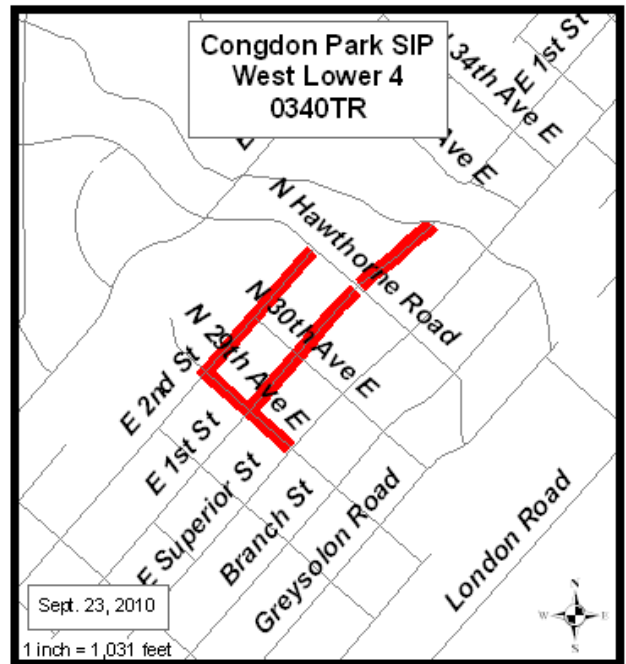
2015 Street Improvement Program

Project Title:

Congdon Park West Lower 4

Funding Source:

| | FY 2015 |
|-----------------------|------------------|
| CIF | 519,900 |
| SA | 173,200 |
| Water | 47,000 |
| Sewer | 188,900 |
| Storm | 40,000 |
| PROJECT TOTAL: | \$969,000 |

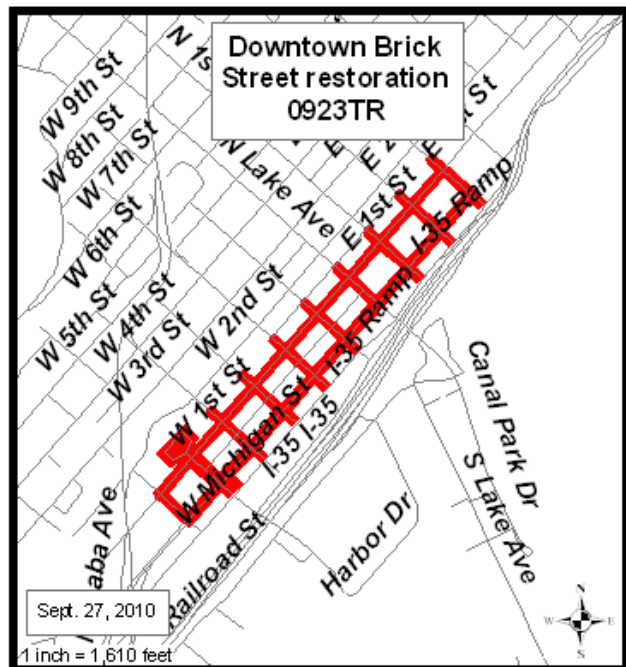


Project Title:

Downtown Area Brick Reconstruction

Funding Source:

| | FY 2015 |
|-----------------------|--------------------|
| CIF | 4,000,000 |
| SA | 1,400,000 |
| MSA | 1,500,000 |
| PROJECT TOTAL: | \$6,900,000 |





Street Reconstruction and Bridge Projects



Street Reconstruction & Bridge Projects Summary

Description:

These projects include street reconstruction and bridge maintenance that have funding sources other than the Community Investment Fund. These other funding sources include municipal state aid, state bridge bond, federal or permanent improvement funds.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|---------------------------------|-------------------|------------------|------------------|------------------|------------------|-------------------|
| Misc Annual Infrastructure | 400,000 | 292,100 | 386,600 | 572,100 | 572,100 | 2,222,900 |
| 2nd Street at 13th Bridge 93402 | 750,000 | | | | | 750,000 |
| 3rd Street Bridge 91143 | | | | 680,000 | | 680,000 |
| 9th Street Reconstruction | | | | | 300,000 | 300,000 |
| 10th Avenue East | | 200,000 | 3,812,500 | | | 4,012,500 |
| 26th Avenue East Signals | 40,000 | | 350,000 | | | 390,000 |
| 27th Avenue West Bridge 69812 | 1,300,000 | | | | | 1,300,000 |
| 27th Avenue West | | | 250,000 | 2,620,000 | | 2,870,000 |
| 36th Avenue East | 953,000 | | | | | 953,000 |
| 43rd Avenue East | | 50,000 | 895,000 | | | 945,000 |
| 46th Avenue West Signals | 40,000 | 350,000 | | | | 390,000 |
| 63rd Avenue West Bridge L3140 | | | | 420,000 | | 420,000 |
| Anderson Road | 2,280,500 | | | | | 2,280,500 |
| Bristol Street Bridge L8485 | | | 300,000 | | | 300,000 |
| Central Avenue Bridge L88550 | | | | 450,000 | | 450,000 |
| Chris Jensen Road | | 560,000 | | | | 560,000 |
| Downtown Area Reconstruction | | | | 500,000 | | 500,000 |
| East 1st Street Retaining Wall | 400,000 | | | | | 400,000 |
| Fairmont Street Bridge L8516 | 500,000 | | | | | 500,000 |
| Glenwood Street | 1,202,300 | | | | | 1,202,300 |
| Joshua Avenue | 250,000 | | | | | 250,000 |
| Lincoln Park Bridge L8476 | 700,000 | | | | | 700,000 |
| Old Piedmont Avenue at W First | 600,000 | | | | | 600,000 |
| Oxford Street Bridge L9419 | | | 310,000 | | | 310,000 |
| Oxford/Livingston/Glenwood | 250,000 | 2,335,000 | | | | 2,585,000 |
| Rice Lake Road | 915,000 | | | | | 915,000 |
| Seven Bridges Road | 100,000 | | | | | 100,000 |
| Toledo Avenue Bridge L8496 | | | 140,000 | | | 140,000 |
| Triggs Avenue Bridge L5833 | | | 140,000 | | | 140,000 |
| West First Street Reconstruct | | | | 250,000 | 2,000,000 | 2,250,000 |
| Total | 10,680,800 | 3,787,100 | 6,584,100 | 5,492,100 | 2,872,100 | 29,416,200 |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-----------------------|-------------------|------------------|------------------|------------------|------------------|-------------------|
| Federal | 2,498,000 | 100,000 | 1,050,000 | 100,000 | 600,000 | 4,348,000 |
| State | 5,104,500 | 2,100,000 | 3,924,500 | 3,800,000 | 1,800,000 | 16,729,000 |
| St. Louis County | 732,000 | 280,000 | | | | 1,012,000 |
| Special Assessment | 291,000 | 265,000 | 302,500 | 550,000 | 50,000 | 1,458,500 |
| Utilities | 1,155,300 | 620,000 | 835,000 | 620,000 | | 3,230,300 |
| Permanent Improvement | 422,100 | 422,100 | 422,100 | 422,100 | 422,100 | 2,110,500 |
| Prior Year PI | 477,900 | | 50,000 | | | 527,900 |
| Total | 10,680,800 | 3,787,100 | 6,584,100 | 5,492,100 | 2,872,100 | 29,416,200 |

Miscellaneous Annual Infrastructure

Description:

Miscellaneous annual infrastructure projects include those that are funded by the permanent improvement property tax levy and limited use of special assessments to the affected property owner. Permanent improvement projects are generally limited to intersections, bridges and other items that are not eligible for other funding sources. These projects include repair or replacement of the brick streets and sidewalks, a portion of the utility trench patch program, one way street conversions, retaining wall and guard rail repair.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Permanent Improvements | 190,000 | 62,100 | 156,600 | 342,100 | 342,100 | 1,092,900 |
| Patch & Sidewalks | 210,000 | 230,000 | 230,000 | 230,000 | 230,000 | 1,130,000 |
| Total | <u>400,000</u> | <u>292,100</u> | <u>386,600</u> | <u>572,100</u> | <u>572,100</u> | <u>2,222,900</u> |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|--------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| PI Fund | 270,000 | 142,100 | 236,600 | 422,100 | 422,100 | 1,492,900 |
| Special Assessment | 30,000 | 50,000 | 50,000 | 50,000 | 50,000 | 230,000 |
| Federal - CDBG | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Total | <u>400,000</u> | <u>292,100</u> | <u>386,600</u> | <u>572,100</u> | <u>572,100</u> | <u>2,222,900</u> |

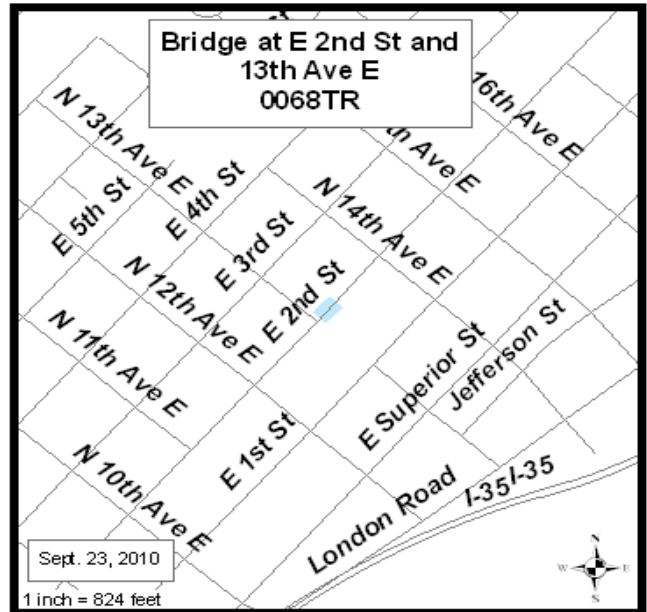
Street Reconstruction & Bridge Projects

Project Title:

2nd Street at 13th Avenue East Bridge 93402

Funding Source:

| | FY 2011 |
|----------------|-----------|
| State Bond | 400,000 |
| MSA | 350,000 |
| PROJECT TOTAL: | \$750,000 |

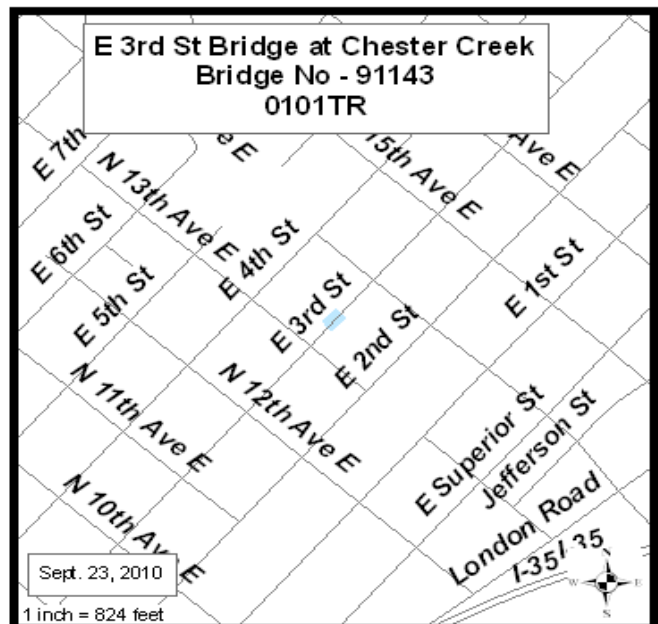


Project Title:

3rd Street Bridge 91143

Funding Source:

| | FY 2014 |
|----------------|-----------|
| State Bond | 544,000 |
| MSA | 136,000 |
| PROJECT TOTAL: | \$680,000 |



Street Reconstruction & Bridge Projects

Project Title:

9th Street Reconstruction

Funding Source:

| | FY 2015 |
|-----------------------|------------------|
| MSA | 300,000 |
| PROJECT TOTAL: | \$300,000 |

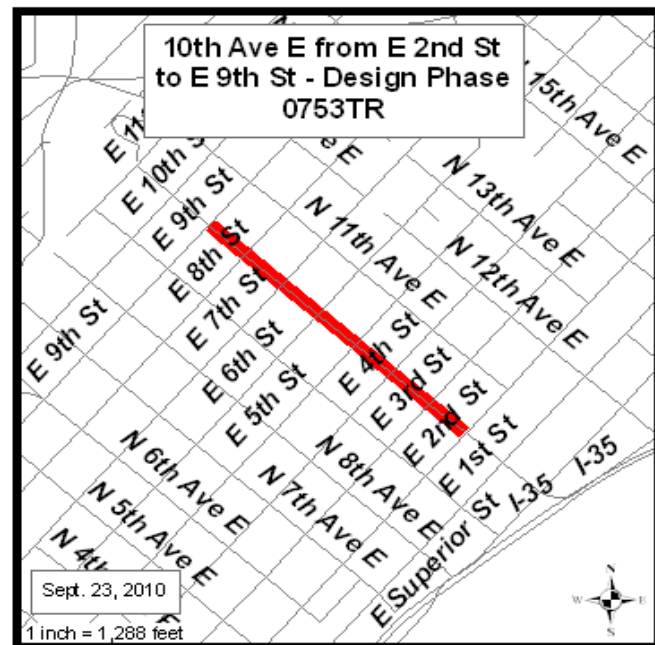


Project Title:

10th Avenue East: 2nd to 9th Street

Funding Source:

| | FY 2012-2013 |
|-----------------------|------------------|
| Federal | 950,000 |
| MSA | 2,150,000 |
| SA | 162,500 |
| Sewer | 350,000 |
| Storm | 50,000 |
| Water | 300,000 |
| Gas | 50,000 |
| PROJECT TOTAL: | 4,012,500 |



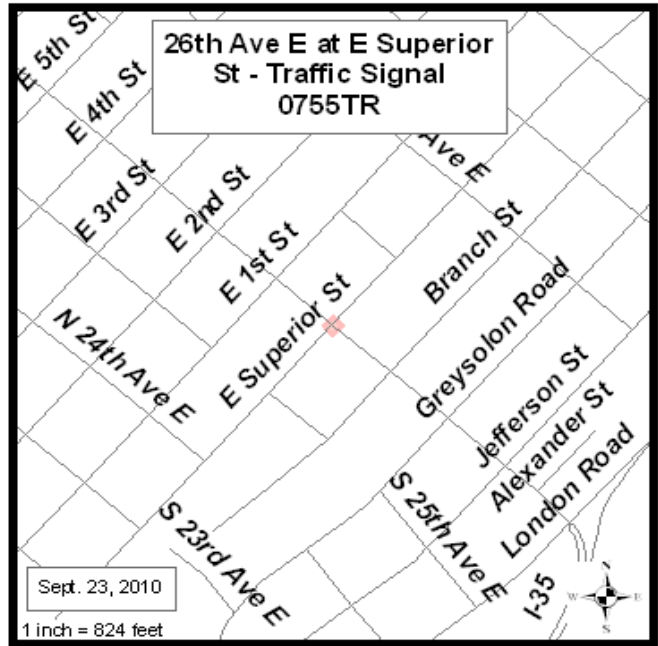
Street Reconstruction & Bridge Projects

Project Title:

26th Avenue East: Traffic Signals

Funding Source:

| | FY 2011-2013 |
|----------------|--------------|
| MSA | 262,500 |
| PI | 127,500 |
| PROJECT TOTAL: | 390,000 |

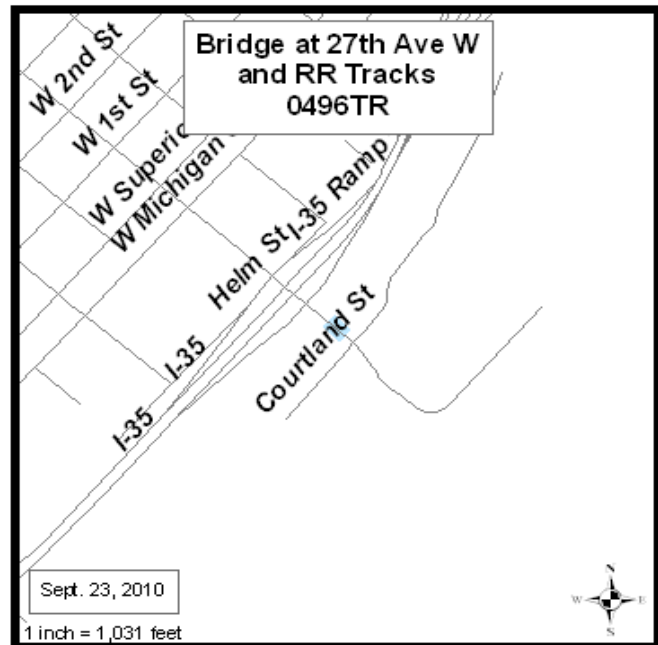


Project Title:

27th Avenue West: Bridge 69812

Funding Source:

| | FY 2011 |
|----------------|-----------|
| State Bond | 800,000 |
| MSA | 500,000 |
| PROJECT TOTAL: | 1,300,000 |



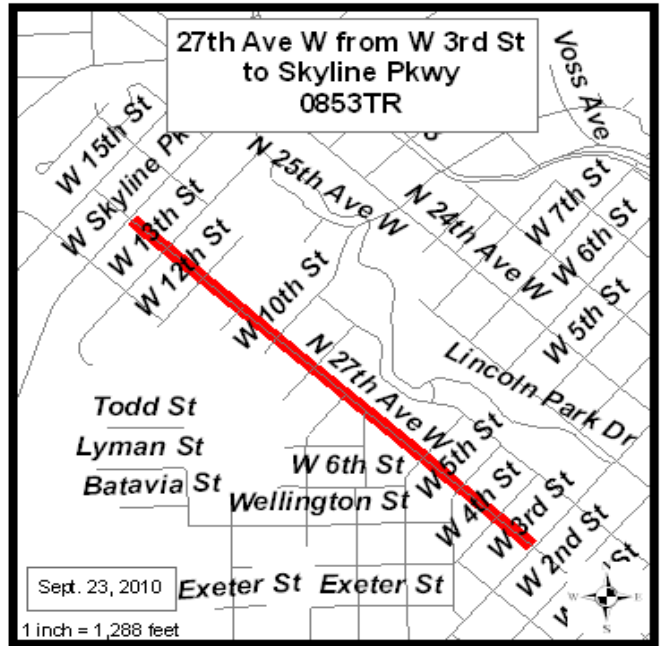
Street Reconstruction & Bridge Projects

Project Title:

27th Avenue West: 3rd St to Skyline Pkwy

Funding Source:

| | FY 2013-2014 |
|----------------|--------------|
| MSA | 1,750,000 |
| SA | 500,000 |
| Sewer | 300,000 |
| Storm | 70,000 |
| Water | 250,000 |
| PROJECT TOTAL: | |
| | 2,870,000 |



Project Title:

36th Avenue East: Superior St to E 4th St

Funding Source:

| | FY 2011 |
|----------------|---------|
| MSA | 517,000 |
| SA | 73,000 |
| Sewer | 25,000 |
| Storm | 50,000 |
| Water | 288,000 |
| PROJECT TOTAL: | |
| | 953,000 |



Street Reconstruction & Bridge Projects

Project Title:

43rd Avenue East: London Rd to Superior St

Funding Source:

FY 2012-2013

| | |
|-------|---------|
| MSA | 770,000 |
| SA | 90,000 |
| Sewer | 25,000 |
| Storm | 30,000 |
| Water | 30,000 |

PROJECT TOTAL: \$945,000



Project Title:

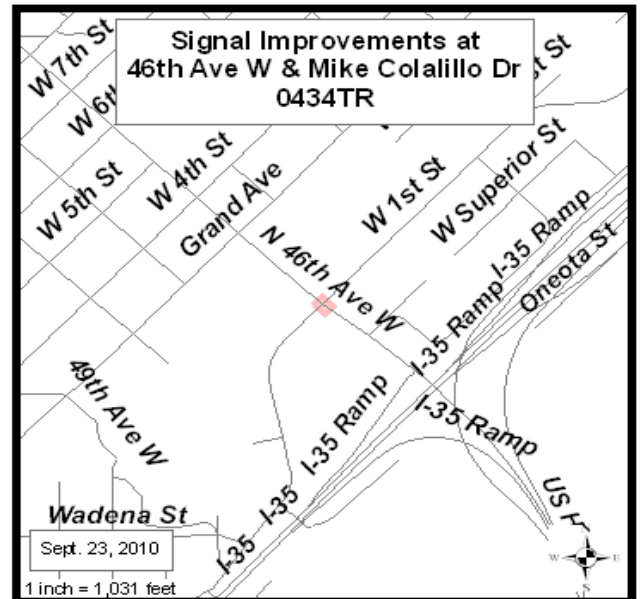
46th Avenue West: Traffic Signals

Funding Source:

FY 2011-2012

| | |
|-----|---------|
| MSA | 350,000 |
| PI | 40,000 |

PROJECT TOTAL: \$390,000



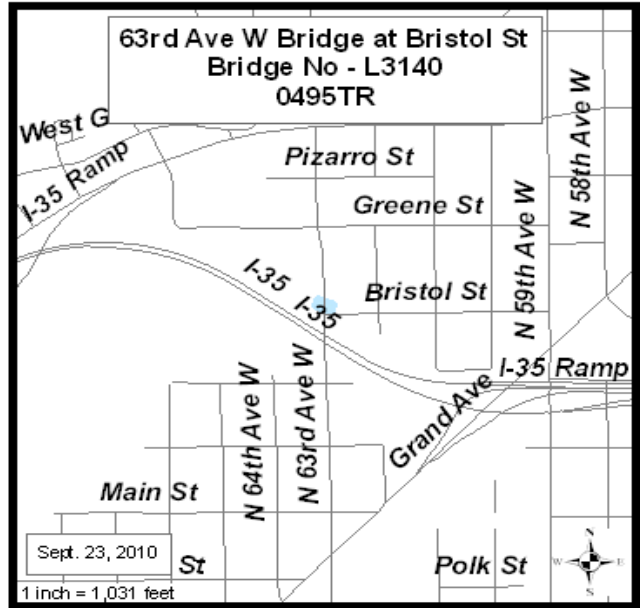
Street Reconstruction & Bridge Projects

Project Title:

63rd Avenue West: Bridge L3140

Funding Source:

| | FY 2014 |
|----------------|-----------|
| State Bond | 160,000 |
| MSA | 260,000 |
| PROJECT TOTAL: | |
| | \$420,000 |

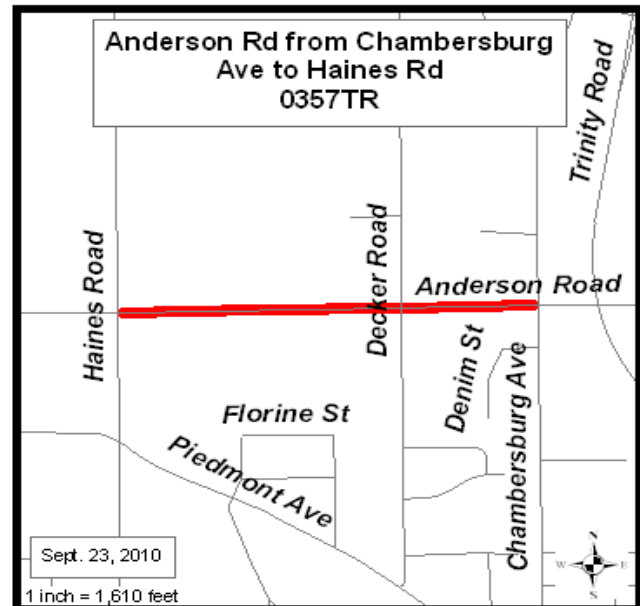


Project Title:

Anderson Road: Haines to Chambersburg

Funding Source:

| | FY 2011 |
|----------------|-------------|
| Federal | 1,218,000 |
| MSA | 304,500 |
| SA | 188,000 |
| Sewer | 120,000 |
| Storm | 200,000 |
| Water | 250,000 |
| PROJECT TOTAL: | |
| | \$2,280,500 |



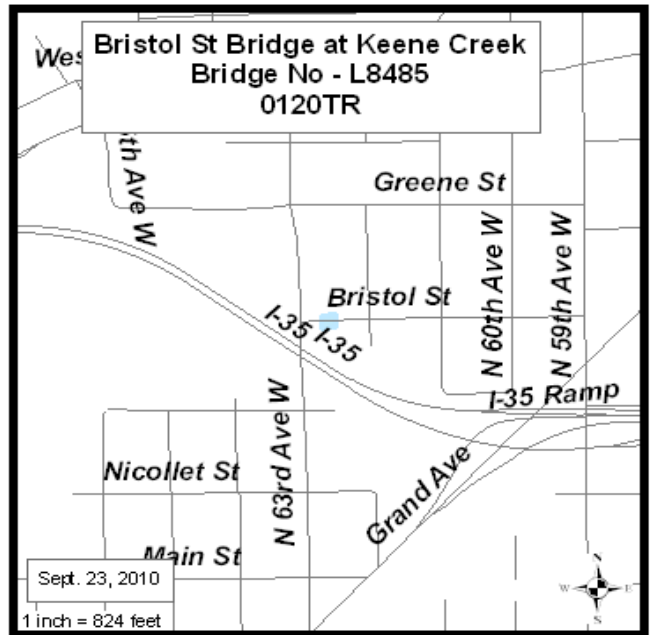
Street Reconstruction & Bridge Projects

Project Title:

Bristol Street: Bridge L8485

Funding Source:

| | FY 2013 |
|----------------|-----------|
| State bond | 250,000 |
| PI | 50,000 |
| PROJECT TOTAL: | \$300,000 |



Project Title:

Central Avenue Bridge L88550

Funding Source:

| | FY 2014 |
|----------------|-----------|
| State Bond | 150,000 |
| MSA | 300,000 |
| PROJECT TOTAL: | \$450,000 |



Street Reconstruction & Bridge Projects

Project Title:

Chris Jensen Road

Funding Source:

| | FY 2012 |
|-----------------|-----------|
| PI | 280,000 |
| St Louis County | 280,000 |
| PROJECT TOTAL: | |
| | \$560,000 |

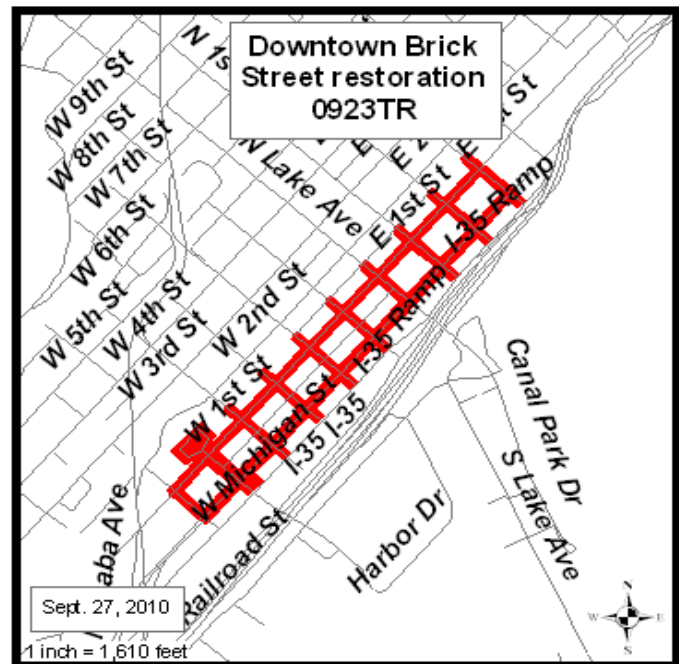


Project Title:

Downtown Area Brick Reconstruction
 Preliminary Engineering

Funding Source:

| | FY 2014 |
|----------------|-----------|
| MSA | 500,000 |
| PROJECT TOTAL: | |
| | \$500,000 |



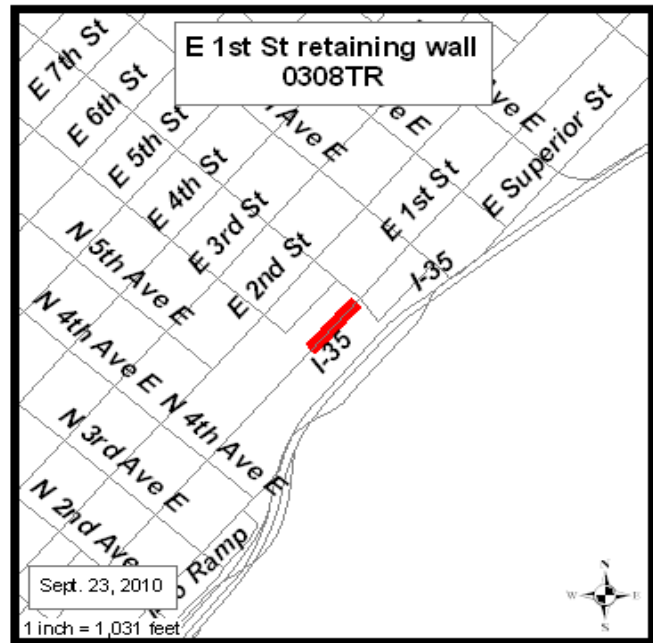
Street Reconstruction & Bridge Projects

Project Title:

East 1st Street Retaining Wall

Funding Source:

| | FY 2011 |
|-----------------------|------------------|
| MSA | 400,000 |
| PROJECT TOTAL: | \$400,000 |

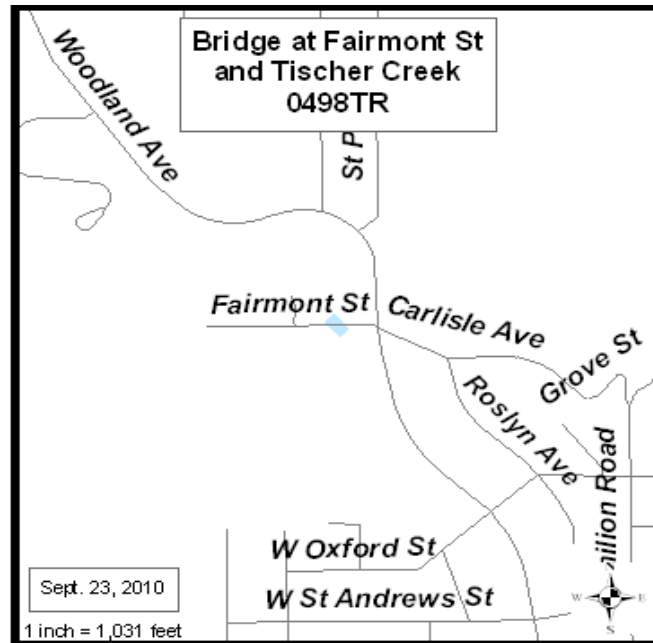


Project Title:

Fairmont Street: Bridge L8516

Funding Source:

| | FY 2011 |
|-----------------------|------------------|
| State Bond | 250,000 |
| Prior Year PI | 250,000 |
| PROJECT TOTAL: | \$500,000 |



Street Reconstruction & Bridge Projects

Project Title:

Glenwood Street:

Funding Source:

| | FY 2011 |
|-----------------------|--------------------|
| Federal | 980,000 |
| Sewer | 125,300 |
| Storm | 43,000 |
| Water | 52,700 |
| Gas | 1,300 |
| PROJECT TOTAL: | \$1,202,300 |

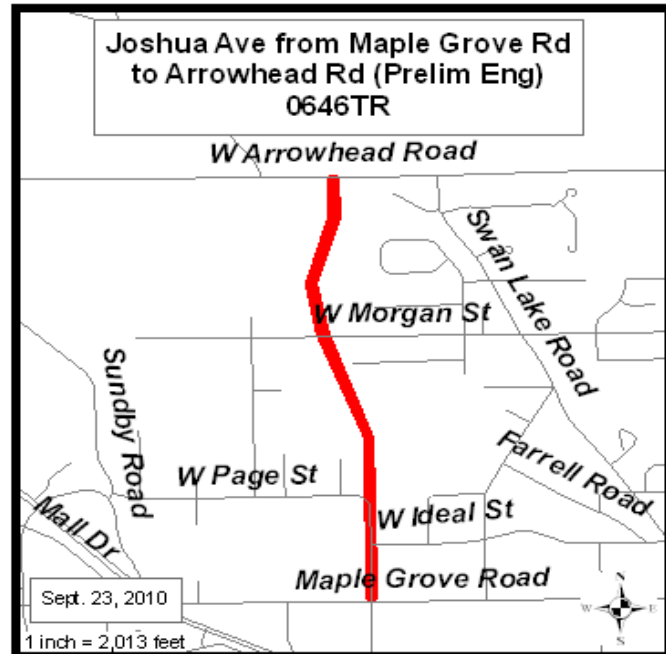


Project Title:

Joshua Avenue

Funding Source:

| | FY 2011 |
|-----------------------|----------------|
| Federal | 200,000 |
| PI | 50,000 |
| PROJECT TOTAL: | 250,000 |



Street Reconstruction & Bridge Projects

Project Title:

Lincoln Park: Bridge L8476

Funding Source:

FY 2011

| | |
|---------------|---------|
| State Bond | 550,000 |
| Prior Year PI | 150,000 |

PROJECT TOTAL: \$700,000



Project Title:

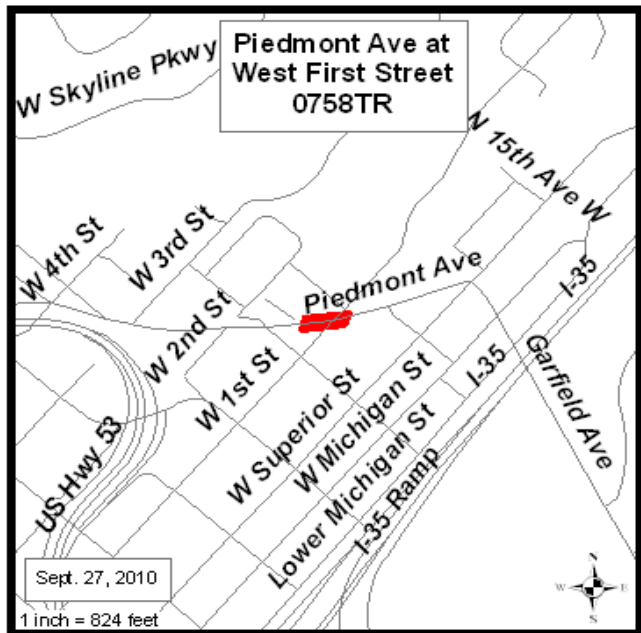
Old Piedmont Avenue at West First

Funding Source:

FY 2011

| | |
|-----|---------|
| MSA | 600,000 |
|-----|---------|

PROJECT TOTAL: \$600,000



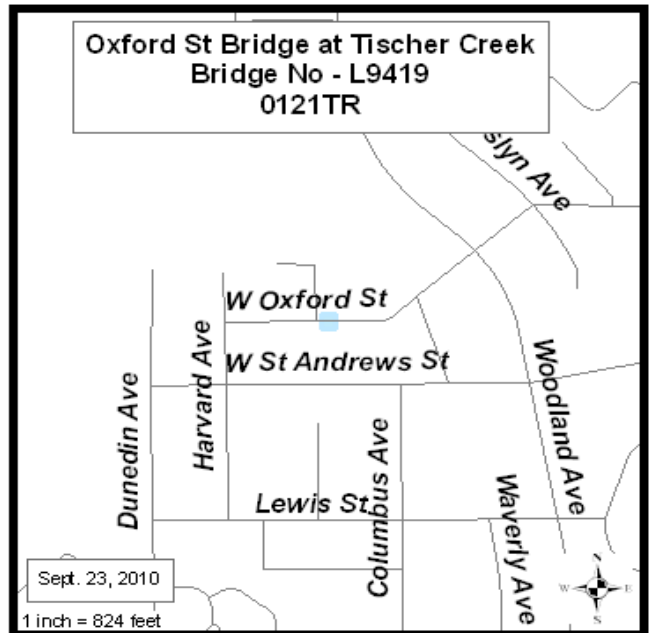
Street Reconstruction & Bridge Projects

Project Title:

Oxford Street: Bridge L9419

Funding Source:

| | FY 2013 |
|----------------|-----------|
| State Bond | 260,000 |
| Prior Year PI | 50,000 |
| PROJECT TOTAL: | \$310,000 |



Project Title:

Oxford/Livingston/Glenwood Streets

Funding Source:

| | FY 2011-2012 |
|----------------|--------------|
| MSA | 1,750,000 |
| SA | 215,000 |
| Sewer | 300,000 |
| Storm | 70,000 |
| Water | 250,000 |
| PROJECT TOTAL: | \$2,585,000 |



Street Reconstruction & Bridge Projects

Project Title:

Rice Lake Raod

Funding Source:

| | FY 2011 |
|-----------------|---------|
| St Louis County | 732,000 |
| MSA | 183,000 |

PROJECT TOTAL: \$915,000



Project Title:

Seven Bridges Road

Funding Source:

| | FY 2011 |
|----|---------|
| PI | 100,000 |

PROJECT TOTAL: \$100,000



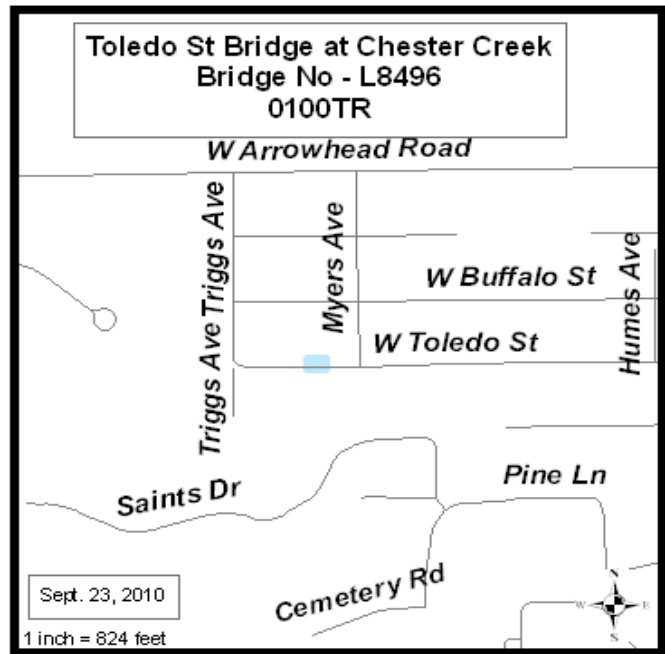
Street Reconstruction & Bridge Projects

Project Title:

Toledo Avenue Bridge L8496

Funding Source:

| | FY 2013 |
|----------------|-----------|
| State Bond | 116,000 |
| PI | 24,000 |
| PROJECT TOTAL: | \$140,000 |

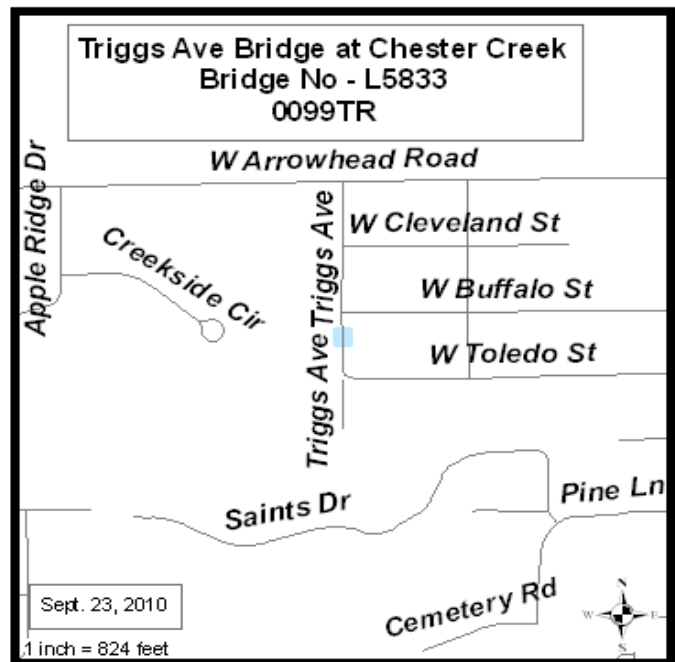


Project Title:

Triggs Avenue Bridge L5833

Funding Source:

| | FY 2013 |
|----------------|-----------|
| State Bond | 116,000 |
| PI | 24,000 |
| PROJECT TOTAL: | \$140,000 |



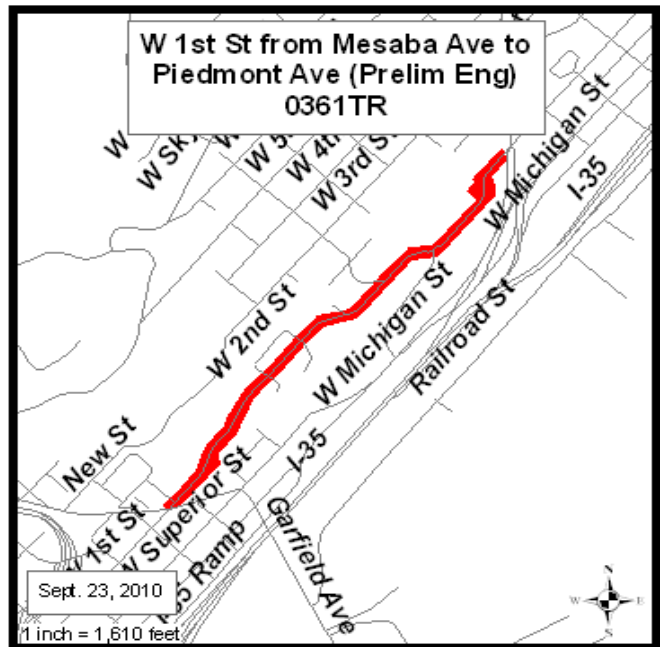
Street Reconstruction & Bridge Projects

Project Title:

West First Street Reconstruction

Funding Source:

| | FY 2014-2015 |
|----------------|--------------|
| Federal | 500,000 |
| MSA | 1,750,000 |
| PROJECT TOTAL: | \$2,250,000 |





Capital Utility Projects





Capital Utility Projects Summary

Utility projects included within the five year capital improvement plan primarily focus on the continued rehabilitation and replacement of aging infrastructure, consent decree compliance, as well as the continued extension of the city's natural gas system.

| Projects | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|---------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Water | 1,025,000 | 805,000 | 825,000 | 725,000 | 725,000 | 4,105,000 |
| Gas | 868,000 | 878,000 | 818,000 | 618,000 | 618,000 | 3,800,000 |
| Sewer | 900,000 | 1,030,000 | 1,150,000 | 1,150,000 | 1,150,000 | 5,380,000 |
| Stormwater | 475,000 | 655,000 | 505,000 | 475,000 | 475,000 | 2,585,000 |
| Brewery & Grays Creek | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| Highland Storage Tank | 3,534,300 | | | | | 3,534,300 |
| Pump Station Improvements | | 2,000,000 | 2,000,000 | | | 4,000,000 |
| Transmission Lines | | 3,700,000 | 1,900,000 | | | 5,600,000 |
| Total | 7,052,300 | 9,318,000 | 7,448,000 | 3,218,000 | 3,218,000 | 30,254,300 |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Water Improvement Bonds | 3,834,300 | 5,700,000 | 3,900,000 | | | 13,434,300 |
| Water - Current Revenue | 725,000 | 805,000 | 825,000 | 725,000 | 725,000 | 3,805,000 |
| Gas - Current Revenue | 868,000 | 878,000 | 818,000 | 618,000 | 618,000 | 3,800,000 |
| Sewer - Current Revenue | 900,000 | 1,030,000 | 1,150,000 | 1,150,000 | 1,150,000 | 5,380,000 |
| Stormwater - Current Revenue | 725,000 | 905,000 | 755,000 | 725,000 | 725,000 | 3,835,000 |
| Total | 7,052,300 | 9,318,000 | 7,448,000 | 3,218,000 | 3,218,000 | 30,254,300 |

Capital Utility Projects

Description: Water Annual Infrastructure

The proposed water projects over the next five years include updating the aging infrastructure by replacing the distribution mains with a high number of recurring leaks. Rehabilitation of primary transmission lines along with pump station upgrades and reservoir improvements will increase system reliability to meet water demand.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|------------------------|------------------|------------------|------------------|----------------|----------------|-------------------|
| Pump Station Studies | | 50,000 | | | | 50,000 |
| Main Loop Construction | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Lakewood Switchgear | 300,000 | | | | | 300,000 |
| Highland Storage Tank | 3,534,300 | | | | | 3,534,300 |
| Water Main Replacement | 700,000 | 450,000 | 700,000 | 700,000 | 700,000 | 3,250,000 |
| Reservoir Security | | 100,000 | 100,000 | | | 200,000 |
| Pump Station | | 2,000,000 | 2,000,000 | | | 4,000,000 |
| Transmission Line | | 3,700,000 | 1,900,000 | | | 5,600,000 |
| Miscellaneous Projects | | 180,000 | | | | 180,000 |
| Total | 4,559,300 | 6,505,000 | 4,725,000 | 725,000 | 725,000 | 17,239,300 |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-------------------------|------------------|------------------|------------------|----------------|----------------|-------------------|
| Water - Current Revenue | 725,000 | 805,000 | 825,000 | 725,000 | 725,000 | 3,805,000 |
| Water Improvement Bond | 3,834,300 | 5,700,000 | 3,900,000 | | | 13,434,300 |
| Total | 4,559,300 | 6,505,000 | 4,725,000 | 725,000 | 725,000 | 17,239,300 |

Capital Utility Projects

Description: Gas Annual Infrastructure

The proposed gas projects over the next five years include funding the continued extension of the system into and unserved areas and replacement of older steel mains where leaks occur.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Gas Main Replacements | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| Gas Main Extensions | 320,000 | 320,000 | 320,000 | 320,000 | 320,000 | 1,600,000 |
| Meter Set Painting | 48,000 | 48,000 | 48,000 | 48,000 | 48,000 | 240,000 |
| Miscellaneous Projects | 450,000 | 460,000 | 400,000 | 200,000 | 200,000 | 1,710,000 |
| Total | <u>868,000</u> | <u>878,000</u> | <u>818,000</u> | <u>618,000</u> | <u>618,000</u> | <u>3,800,000</u> |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-----------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Gas - Current Revenue | 868,000 | 878,000 | 818,000 | 618,000 | 618,000 | 3,800,000 |

Capital Utility Projects

Description: Sanitary Sewer Annual Infrastructure

The proposed sanitary sewer projects over the next five years include a focus of updating two of the city's 48 lift stations per year and continued lining or rehabilitation of leaking pipes.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-----------------------------|----------------|------------------|------------------|------------------|------------------|------------------|
| Manhole Adjustments | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| Sanitary Sewer Rehab/Reline | 450,000 | 450,000 | 750,000 | 750,000 | 750,000 | 3,150,000 |
| Lift Station Improvements | 400,000 | 350,000 | 350,000 | 350,000 | 350,000 | 1,800,000 |
| Miscellaneous Projects | | 180,000 | | | | 180,000 |
| Total | <u>900,000</u> | <u>1,030,000</u> | <u>1,150,000</u> | <u>1,150,000</u> | <u>1,150,000</u> | <u>5,380,000</u> |

| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-----------------------|----------------|------------------|------------------|------------------|------------------|------------------|
| Sewer Current Revenue | 900,000 | 1,030,000 | 1,150,000 | 1,150,000 | 1,150,000 | 5,380,000 |
| Total | <u>900,000</u> | <u>1,030,000</u> | <u>1,150,000</u> | <u>1,150,000</u> | <u>1,150,000</u> | <u>5,380,000</u> |

Capital Utility Projects

Description: Stormwater Annual Infrastructure

The proposed storm water projects over the next five years include continued replacement of failing storm sewer lines and large culverts. Reconstruction of Brewery and Grays Creek is planned to relocate these streams from underneath existing buildings.

| Project | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Manhole Adjustments | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| Miscellaneous Projects | 175,000 | 355,000 | 205,000 | 175,000 | 175,000 | 1,085,000 |
| Storm Sewer Replacement | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| Brewery & Gray's Creek | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| Total | 725,000 | 905,000 | 755,000 | 725,000 | 725,000 | 3,835,000 |

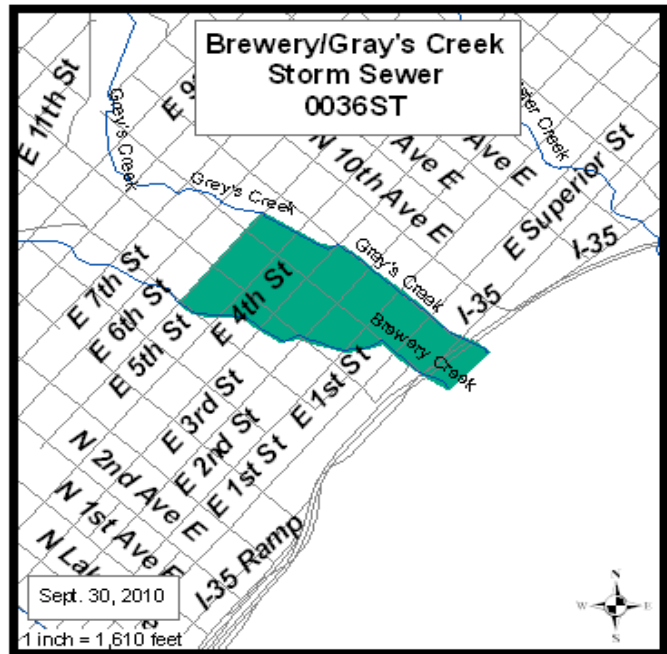
| Funding | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Stormwater - Current Revenue | 725,000 | 905,000 | 755,000 | 725,000 | 725,000 | 3,835,000 |

Capital Utility Projects

Project Title:
 Brewery & Gray's Creek Storm Sewer

Funding Source:

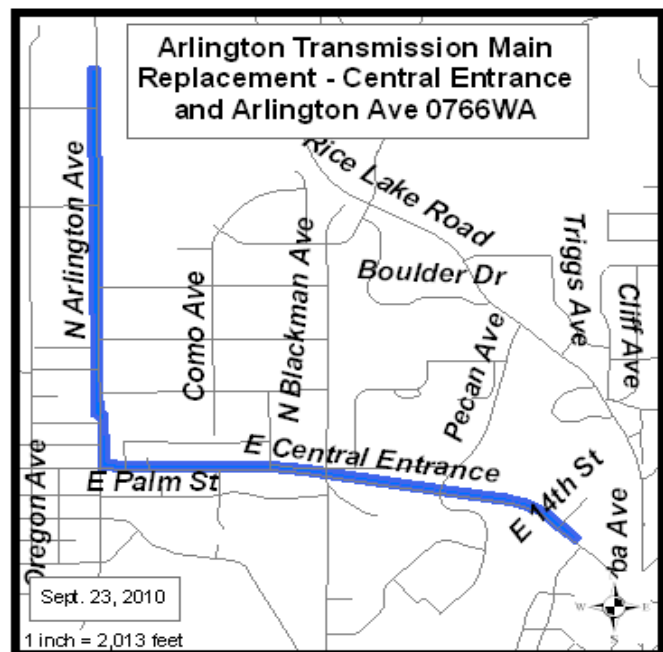
| | FY 2011-2015 |
|-----------------------|--------------------|
| Stormwater | 1,250,000 |
| PROJECT TOTAL: | \$1,250,000 |



Project Title:
 Transmission Line

Funding Source:

| | FY 2012 |
|-----------------------|--------------------|
| Water Bond | 3,700,000 |
| PROJECT TOTAL: | \$3,700,000 |



Capital Utility Projects

Project Title:

Transmission Line

Funding Source:

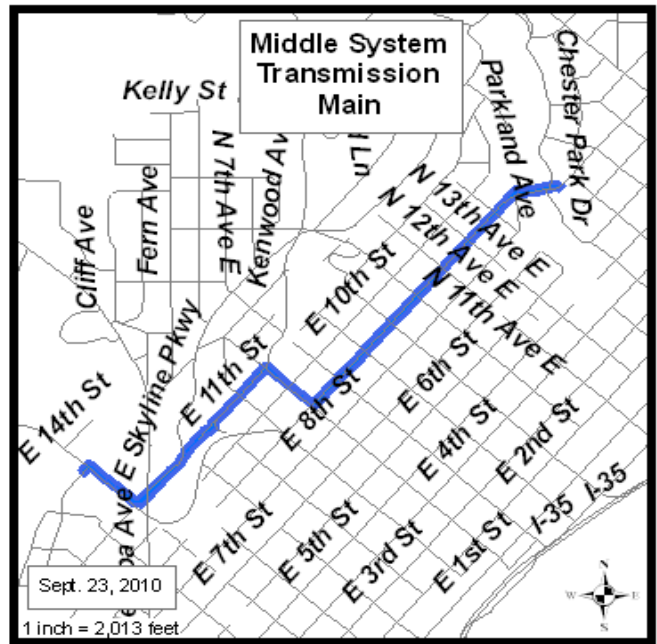
FY 2012

Water Bond

1,900,000

PROJECT TOTAL:

\$1,900,000





CAPITAL EQUIPMENT

Rolling Stock Bond
Non-rolling Stock Bond
Utility Funds





Capital Equipment Budget and Plan

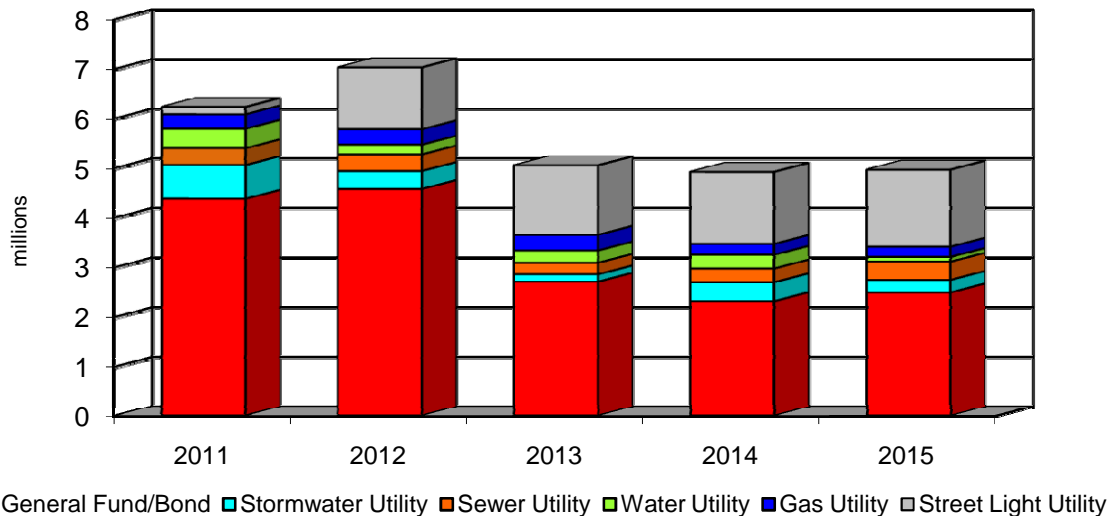
2011 Proposed Equipment

The City is proposing a total of \$6,229,600 in capital equipment expenditures for 2011. This includes equipment for General Fund operating departments, Water, Gas, Stormwater, Sewer and Street Light utilities. Funding includes \$4.380 million in bonds for General Fund departments and \$1.849 million in current year revenues for the utilities.

Five Year Equipment Plan

The objective of the City's five year equipment plan is to maintain city equipment by budgeting an adequate dollar amount annually for replacement on a timely basis. Over the five years, the total for the General Fund is \$16,472,000 for both rolling and non-rolling stock equipment, which the City currently plans to sell bonds to finance. For 2011, the City is proposing to bond \$2.528 million for rolling stock and \$1.852 million for non-rolling stock equipment for technology infrastructure, the city's match for a Port Grant for 800 MHZ police and fire emergency communication equipment conversion required by the FCC, and expanding our microwave system.

The utilities equipment plan over the five years totals \$13.269 million with \$1.814 million proposed in the Stormwater Fund; \$1.552 million in the Sewer Fund; \$1.211 million in the Water Fund; and \$1.340 million in the Gas Fund. The Street Light Utility is proposing \$5.8 million for a multi year luminaire conversion to LED or induction lighting to improve performance, function and increase efficiencies. Other than the Street Light Utility for 2012-2015, the funding source for all utility purchases will be each respective fund's current year revenue.



| | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| General Fund/Bond | 4,380,000 | 4,576,300 | 2,706,700 | 2,318,000 | 2,491,000 | 16,472,000 |
| Stormwater Utility | 676,000 | 361,100 | 148,650 | 377,750 | 250,500 | 1,814,000 |
| Sewer Utility | 341,000 | 333,100 | 232,750 | 276,750 | 368,100 | 1,551,700 |
| Water Utility | 390,300 | 197,500 | 248,100 | 278,450 | 97,100 | 1,211,450 |
| Gas Utility | 292,300 | 308,300 | 314,500 | 219,050 | 206,300 | 1,340,450 |
| Street Light Utility | 150,000 | 1,250,000 | 1,400,000 | 1,450,000 | 1,550,000 | 5,800,000 |
| Total Equipment Plan | \$6,229,600 | \$7,026,300 | \$5,050,700 | \$4,920,000 | \$4,963,000 | \$28,189,600 |

2011 - 2015 Rolling Stock Equipment Bond Proposal

| General Fund Bond | 2011 | 2012 | 2013 | 2014 | 2015 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|
| Fire Department | | | | | |
| Fire Truck Apparatus/Trucks | 850,000 | 880,000 | 600,000 | 535,000 | 535,000 |
| Tower Truck Repair | 250,000 | | | | |
| Subtotal Fire Department | 1,100,000 | 880,000 | 600,000 | 535,000 | 535,000 |
| Police Department | | | | | |
| Police Vehicles | 200,000 | 600,000 | 550,000 | 575,000 | 750,000 |
| Subtotal Police Department | 200,000 | 600,000 | 550,000 | 575,000 | 750,000 |
| Maintenance Operations | | | | | |
| Facilities Management | | | | | |
| 1-Ton Cargo Van | | | 38,000 | 38,000 | 37,000 |
| 1-Ton 4x4 Truck | | 38,000 | 40,000 | 40,000 | 40,000 |
| 2-Ton Tow Vehicle Utility Truck | | 40,000 | | | |
| Mid-size Truck | | 25,000 | | | |
| Trailers and Tampers | 15,000 | | 4,000 | | |
| Skidsteer Attachments Trailer | 20,000 | | 30,000 | | |
| Subtotal Facilities Management | 35,000 | 103,000 | 112,000 | 78,000 | 77,000 |
| Street Maintenance | | | | | |
| Pick-up 3/4-Ton Ext Cab 4x4 | | 60,000 | | | 120,000 |
| Construction Truck and Van | | 83,000 | | | |
| 1-Ton Dump Truck | 240,000 | | 116,000 | | 116,000 |
| Tandem Dump Truck | | 145,000 | | | |
| Sander Trucks | | 420,000 | 140,000 | 280,000 | 280,000 |
| Sander with RDS | | 160,000 | 320,000 | 320,000 | |
| Flusher Retrofits | 80,000 | | | | |
| Single Axle Plow Trucks | 510,000 | | 170,000 | 340,000 | |
| Wheel Loader | | 185,000 | | | 370,000 |
| Wing Plows | 42,000 | | | | |
| Compactor | 45,000 | | 45,000 | | |
| Skid Steer | | | | | |
| Pavement Ski | 20,000 | | | | |
| Small Trailer | | | 11,000 | | |
| Subtotal Street Maintenance | 937,000 | 1,053,000 | 802,000 | 940,000 | 886,000 |
| Park Maintenance | | | | | |
| Pick-up 3/4-Ton | | 37,000 | | | |
| 1-Ton Truck w/plow | 68,000 | | 68,000 | 70,000 | |
| Utility Trailer | | | | | 68,000 |
| Log Truck | | 165,000 | | | |
| Utility Van/Vehicle | | | 17,300 | 16,500 | 33,000 |
| Various Mowers | 99,000 | 16,500 | 32,000 | 16,500 | |
| Skid Steer Wheel Loader | | 42,000 | 42,000 | 52,000 | |
| Trail Groomer | | | 212,000 | | |
| Sidewalk Cleaner | | | | | 142,000 |
| Subtotal Park Maintenance | 167,000 | 260,500 | 371,300 | 155,000 | 243,000 |
| Traffic Maintenance | | | | | |
| Pick-up 3/4-Ton 4x4 | 35,000 | | | 35,000 | |
| Subtotal Traffic Maintenance | 35,000 | 0 | 0 | 35,000 | 0 |
| Subtotal Maintenance Operations | 1,174,000 | 1,416,500 | 1,285,300 | 1,208,000 | 1,206,000 |
| Public Works | | | | | |
| Transportation Engineering | | | | | |
| Pick-up 3/4-Ton | 54,000 | | | | |
| Subtotal Transportation Engineering | 54,000 | 0 | 0 | 0 | 0 |
| General Fund Rolling Stock Bond Total | \$ 2,528,000 | \$ 2,896,500 | \$ 2,435,300 | \$ 2,318,000 | \$ 2,491,000 |

2011 Non-Rolling Stock Equipment Bond Proposal

| Department/Description | 2011 Bond | 2012 Bond | 2013 Bond |
|---|---------------------|---------------------|---------------------|
| MIS | | | |
| Data Center Modernization | 63,000 | | |
| VoIP Phone Replacements | 50,000 | 205,000 | |
| Centralized Backup Solution | 180,000 | | |
| Enterprise Wide PC replacements (desktop) | 179,000 | | |
| Enterprise Wide PC replacements (laptop) | 100,000 | | |
| Network Infrastructure Equipment Refresh | 870,000 | | |
| Desktop Re-cabling Project | | 390,000 | |
| Wireless Network Upgrade | | 155,000 | |
| Help Desk Software | | 100,000 | |
| Disaster Recovery - New Police Station | | 300,000 | |
| City Clerk | | | |
| 40 Voting Tabulators | | 260,000 | |
| 60 Electronic Poll book Rosters | | 120,000 | |
| Election Software upgrade | | 10,000 | |
| City Architect | | | |
| 1 Laser Printer - Color | 3,000 | | |
| Large format scanner | 10,000 | | |
| Revit software program (BIM) | 8,000 | | |
| Library | | | |
| 12 Computers and monitors | | 12,000 | 12,000 |
| 1 Self checkout machine | 8,000 | | |
| 1 Digital microform reader printer | 11,000 | | 11,000 |
| Fire | | | |
| Port Grant match for emergency comm equip | 250,000 | | |
| Engineering | | | |
| CAD level computers | | 4,800 | |
| Computers | | 200 | 1,600 |
| Laptop | | 2,800 | 6,800 |
| Radio Shop | | | |
| Expand Microwave System - 4 lengths | 120,000 | 120,000 | 240,000 |
| <hr/> | | | |
| Total Proposed Non-Rolling Stock | 1,852,000 | 1,679,800 | 271,400 |
| TOTAL EQUIPMENT BOND PROPOSAL | \$ 4,380,000 | \$ 4,576,300 | \$ 2,706,700 |

2011 - 2015 Utility Funds Equipment Proposal

| Utility Funds | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Water Fund | | | | | |
| Cars/Pick-ups | 75,750 | 22,500 | 65,700 | 50,550 | |
| Trucks/Vans | 22,400 | 42,000 | 19,600 | 135,900 | 19,600 |
| Dump Trucks | | 116,000 | 87,000 | 87,000 | 72,500 |
| Backhoe/Loader | 78,750 | | | | |
| Other Rolling Stock | 146,400 | 12,000 | 70,800 | | |
| Non-Rolling Capital Equipt. | 67,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Subtotal Water Fund | 390,300 | 197,500 | 248,100 | 278,450 | 97,100 |
| Gas Fund | | | | | |
| Cars/Pick-ups | 86,250 | 24,500 | 50,100 | 37,950 | 42,000 |
| Trucks/Vans | 89,600 | 86,800 | 53,200 | 118,100 | 86,800 |
| Dump Trucks | | 174,000 | 58,000 | 58,000 | 72,500 |
| Backhoe/Loader | 26,250 | | | | |
| Other Rolling Stock | 81,600 | 18,000 | 148,200 | | |
| Non-Rolling Capital Equipt. | 8,600 | 5,000 | 5,000 | 5,000 | 5,000 |
| Subtotal Gas Fund | 292,300 | 308,300 | 314,500 | 219,050 | 206,300 |
| Sewer Fund | | | | | |
| Cars/Pick-ups | 6,000 | 75,000 | 12,150 | 21,750 | |
| Trucks/Vans | | 5,600 | 47,600 | | 55,600 |
| Dump Trucks | | | | 145,000 | 72,500 |
| Vactors | 325,000 | 162,500 | | | |
| Backhoe/Loader | | | | 105,000 | |
| Other Rolling Stock | 6,000 | 85,000 | 168,000 | | 235,000 |
| Non-Rolling Capital Equipt. | 4,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Subtotal Sewer Fund | 341,000 | 333,100 | 232,750 | 276,750 | 368,100 |
| Stormwater Fund | | | | | |
| Cars/Pick-ups | 6,000 | 15,000 | 4,050 | 12,750 | |
| Trucks/Vans | | 5,600 | 5,600 | 42,000 | |
| Dump Trucks | | | | 145,000 | 72,500 |
| Vactors | 325,000 | 162,500 | | | |
| Backhoe/Loader | | | 105,000 | | |
| Street Sweeper | 173,000 | 173,000 | | 173,000 | 173,000 |
| Other Rolling Stock | 168,000 | | 29,000 | | |
| Non-Rolling Capital Equipt. | 4,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Subtotal Stormwater Fund | 676,000 | 361,100 | 148,650 | 377,750 | 250,500 |
| Street Light Utility Fund | | | | | |
| LED/Induction Luminaire Conversions | | 1,100,000 | 1,250,000 | 1,300,000 | 1,400,000 |
| Non-Rolling Capital Equipment | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| Subtotal Street Light Utility | 150,000 | 1,250,000 | 1,400,000 | 1,450,000 | 1,550,000 |
| Utility Funds Equipment Total | \$ 1,849,600 | \$ 2,450,000 | \$ 2,344,000 | \$ 2,602,000 | \$ 2,472,000 |