



**2015-2019 CAPITAL
IMPROVEMENT PROGRAM**



Photo by Lisa Keller

City of Plymouth, Minnesota
Capital Improvement Program
2015 thru 2019

DEPARTMENT SUMMARY

| Department | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Central Equipment | 2,152,000 | 3,162,000 | 1,812,400 | 3,043,400 | 1,459,300 | 11,629,100 |
| Facilities Management | 932,000 | 1,442,000 | 4,261,000 | 335,000 | 2,350,000 | 9,320,000 |
| Information Technology | 775,000 | 760,000 | 27,000 | 100,000 | | 1,662,000 |
| Parks and Recreation | 11,759,000 | 2,621,000 | 1,770,000 | 3,437,000 | 2,660,000 | 22,247,000 |
| Sanitary Sewer | 1,650,000 | 2,070,000 | 2,160,000 | 1,730,000 | 1,100,000 | 8,710,000 |
| Streets | 26,356,665 | 12,395,000 | 7,240,000 | 5,760,000 | 5,710,000 | 57,461,665 |
| Water | 3,855,000 | 3,500,000 | 510,000 | 670,000 | 9,625,000 | 18,160,000 |
| Water Resources | 1,980,000 | 1,955,000 | 2,665,000 | 865,000 | 690,000 | 8,155,000 |
| TOTAL | 49,459,665 | 27,905,000 | 20,445,400 | 15,940,400 | 23,594,300 | 137,344,765 |

City of Plymouth, Minnesota
Capital Improvement Program

2015 thru 2019

PROJECTS BY DEPARTMENT

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|------------|----------|---------|---------|---------|---------|---------|---------|
| Central Equipment | | | | | | | | |
| Single Axle Plow with Sander 1998 Sterling | 09-CE-273 | n/a | | 180,000 | | | | 180,000 |
| Wheel Loader with Plow Wing 1995 John Deere 624H | 10-CE-200 | n/a | 190,000 | | | | | 190,000 |
| Single Axle Plow with Sander 1999 Sterling | 10-CE-274 | n/a | | 200,000 | | | | 200,000 |
| One Ton with Plow | 10-CE-582 | n/a | | 68,000 | | | | 68,000 |
| Street Sweeper | 11-CE-230 | n/a | | 180,000 | | | | 180,000 |
| Air Compressor | 11-CE-319 | n/a | | | | 38,000 | | 38,000 |
| Engineering SUV | 11-CE-498 | n/a | 28,000 | | | | | 28,000 |
| One Ton 4X4 with Plow | 11-CE-585 | n/a | | 68,000 | | | | 68,000 |
| Police Dodge Charger | 12-CE-150 | n/a | 40,000 | | | | | 40,000 |
| Back Hoe | 12-CE-237 | n/a | | | | 150,000 | | 150,000 |
| Hammer for Back Hoe | 12-CE-237A | n/a | | | | 30,000 | | 30,000 |
| Floor Sweeper/Scrubber for Public Works | 12-CE-745 | n/a | | 60,000 | | | | 60,000 |
| Truck Mounted Patch Unit 2003 Auger style | 13-CE-212 | n/a | | 65,000 | | | | 65,000 |
| Motorgrader | 13-CE-238 | n/a | | | | 308,000 | | 308,000 |
| One Ton Truck with Plow/ Sander | 13-CE-253 | n/a | | 72,000 | | | | 72,000 |
| Single Axle Plow with Sander | 13-CE-283 | n/a | | | | 200,000 | | 200,000 |
| 3/4 Ton Pickup with Plow | 13-CE-357 | n/a | 37,000 | | | | | 37,000 |
| Engineering All Wheel Drive Van | 13-CE-404 | n/a | 26,000 | | | | | 26,000 |
| Fire Inspections SUV | 13-CE-405 | n/a | 27,000 | | | | | 27,000 |
| All Surface Vehicle | 13-CE-537 | n/a | 45,000 | | | | | 45,000 |
| Chipper Truck | 13-CE-590 | n/a | | 77,000 | | | | 77,000 |
| One Ton Truck with Plow | 13-CE-592 | n/a | | 70,000 | | | | 70,000 |
| 3/4 Ton Pickup With Irrigation Utility Box | 13-CE-595 | n/a | | 39,000 | | | | 39,000 |
| Fire Rescue Pumper E-21 | 14-CE-034 | n/a | 475,000 | | | | | 475,000 |
| Excavator | 14-CE-228 | n/a | | | | | 200,000 | 200,000 |
| Spray Patcher Roscoe | 14-CE-234 | n/a | | 200,000 | | | | 200,000 |
| 3/4 Ton Pickup with Plow | 14-CE-246 | n/a | 37,000 | | | | | 37,000 |
| Lowboy Trailer | 14-CE-255 | n/a | 82,000 | | | | | 82,000 |
| Single Axle Plow with Sander | 14-CE-279 | n/a | | | 200,000 | | | 200,000 |
| 3/4 Ton Pickup with Plow | 14-CE-355 | n/a | | 37,000 | | | | 37,000 |
| Zero Turn Mower/Snow Blower | 14-CE-521 | n/a | 61,000 | | | | | 61,000 |
| Self Propelled Sprayer | 14-CE-561 | n/a | | 0 | | | | 0 |
| 3/4 Ton Pickup with Plow | 14-CE-599 | n/a | | 37,000 | | | | 37,000 |
| Fire Utility Pickup | 14-CE-NEW2 | n/a | 40,000 | | | | | 40,000 |
| Fire Chief SUV | 15-CE-037 | n/a | | 35,000 | | | | 35,000 |
| Police CSO 1/2 Ton Pickup | 15-CE-1709 | n/a | 30,000 | | | | | 30,000 |
| Police Investigator Car | 15-CE-181 | n/a | 29,000 | | | | | 29,000 |
| Trench Compactor | 15-CE-205 | n/a | | 40,000 | | | | 40,000 |
| 40' Conveyor | 15-CE-224 | n/a | | 41,000 | | | | 41,000 |
| Truck Tractor | 15-CE-254 | n/a | 150,000 | | | | | 150,000 |
| Tack Distributer and Chasis | 15-CE-256A | n/a | 170,000 | | | | | 170,000 |
| One Ton Truck | 15-CE-358 | n/a | 76,000 | | | | | 76,000 |
| Mower 6' | 15-CE-5000 | n/a | | 62,000 | | | | 62,000 |
| Mower 6' | 15-CE-5001 | n/a | 61,000 | | | | | 61,000 |
| Utility Tractor and Blower | 15-CE-569 | n/a | 61,000 | | | | | 61,000 |
| 4200 Internation Wood Chip Hauler | 15-CE-590 | n/a | | 86,000 | | | | 86,000 |

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|--------------|----------|---------|---------|---------|---------|---------|---------|
| 3/4 Ton Pickup | 15-CE-594 | n/a | 37,000 | | | | | 37,000 |
| 3/4 Ton Pickup | 15-CE-595 | n/a | | 38,000 | | | | 38,000 |
| Long-tined Aerator | 15-CE-603/31 | n/a | 26,000 | | | | | 26,000 |
| New Side Dump Trailer | 15-CE-NEW1 | n/a | 51,000 | | | | | 51,000 |
| New Utility Maintenance Vehicle | 15-CE-NEW2 | n/a | 35,000 | | | | | 35,000 |
| Street Maintenance Pickup | 15-CE-NEW3 | n/a | 35,000 | | | | | 35,000 |
| Tandem Axle Plow with Sander | 15-CE-NEW4 | n/a | 223,000 | | | | | 223,000 |
| Police Squad Cars (2) | 15-CE-SQUADS | n/a | 80,000 | | | | | 80,000 |
| Building Inspections Pickup | 16-CE-1700 | n/a | | 26,000 | | | | 26,000 |
| Tandem Axle Plow with Sander | 16-CE-280 | n/a | | 250,000 | | | | 250,000 |
| Tandem Axle Plow with Sander | 16-CE-281 | n/a | | 250,000 | | | | 250,000 |
| Hydo-Seeder | 16-CE-303 | n/a | | 35,000 | | | | 35,000 |
| Jet/Vactor Truck and Attachments | 16-CE-354 | n/a | | 367,000 | | | | 367,000 |
| Meter Repair Truck with Utility Box | 16-CE-366 | n/a | | 32,000 | | | | 32,000 |
| Building Inspections Pickup 4X4. | 16-CE-411 | n/a | | 27,000 | | | | 27,000 |
| Water Truck | 16-CE-576 | n/a | | 185,000 | | | | 185,000 |
| Mower 6' with Broom | 16-CE-MOWER | n/a | | 55,000 | | | | 55,000 |
| Police Squad Cars (7) | 16-CE-SQUADS | n/a | | 280,000 | | | | 280,000 |
| Police Investigations Pickup | 17-CE-1703 | n/a | | | 28,000 | | | 28,000 |
| CSO 4x4 Pick up 2014 | 17-CE-1717 | n/a | | | 30,000 | | | 30,000 |
| Excavator CX75 | 17-CE-225 | n/a | | | 150,000 | | | 150,000 |
| Single Axle Plow with Sander | 17-CE-279 | n/a | | | 230,000 | | | 230,000 |
| Back Hoe | 17-CE-333 | n/a | | | 181,200 | | | 181,200 |
| Ford 3/4 Ton Pickup 4X2 | 17-CE-361 | n/a | | | 35,000 | | | 35,000 |
| 3/4 Ton Pickup 4X4 w/Utility Box | 17-CE-362 | n/a | | | 34,300 | | | 34,300 |
| 3/4 Ton Pickup 4x4 | 17-CE-363 | n/a | | | 32,400 | | | 32,400 |
| Building Inspections Pickup 4X4 | 17-CE-412 | n/a | | | 28,000 | | | 28,000 |
| Building Inspections Pickup 4X4 | 17-CE-413 | n/a | | | 28,000 | | | 28,000 |
| Building Inspections Pickup 4X4 | 17-CE-414 | n/a | | | 28,000 | | | 28,000 |
| Mower 16' | 17-CE-5004 | n/a | | | 111,600 | | | 111,600 |
| Garbage Truck | 17-CE-560 | n/a | | | 106,600 | | | 106,600 |
| Aerial Bucket Truck | 17-CE-562 | n/a | | | 120,000 | | | 120,000 |
| 3/4 Ton Pickup 4x4 | 17-CE-568 | n/a | | | 32,400 | | | 32,400 |
| One Ton Truck with Lift Gate | 17-CE-575 | n/a | | | 54,900 | | | 54,900 |
| One Ton 4X4 with Plow and Lift Gate F-450 | 17-CE-596 | n/a | | | 72,000 | | | 72,000 |
| Police CSO 1/2 Ton Pickup | 17-CE-CSO | n/a | | | 30,000 | | | 30,000 |
| Police Squad Cars (7) | 17-CE-SQUADS | n/a | | | 280,000 | | | 280,000 |
| One Ton Truck with Plow | 18-CE-2000 | n/a | | | | 79,000 | | 79,000 |
| 2000 624H JD Wheel Loader /plow | 18-CE-203 | n/a | | | | 300,000 | | 300,000 |
| Jetter Vac | 18-CE-3022 | n/a | | | | 32,800 | | 32,800 |
| One Ton with Plow and Contractor Box | 18-CE-360 | n/a | | | | 85,000 | | 85,000 |
| Jetter Truck | 18-CE-364 | n/a | | | | 200,800 | | 200,800 |
| One Ton Truck with Lift Gate | 18-CE-365 | n/a | | | | 74,000 | | 74,000 |
| Wood Chipper | 18-CE-5002 | n/a | | | | 55,400 | | 55,400 |
| Forestry Pickup | 18-CE-5003 | n/a | | | | 26,400 | | 26,400 |
| One Ton 4X4 with Plow | 18-CE-598 | n/a | | | | 94,000 | | 94,000 |
| Police Squad Cars (7) | 18-CE-SQUADS | n/a | | | | 280,000 | | 280,000 |
| Steel Drum Roller | 19-CE-2004 | n/a | | | | | 50,500 | 50,500 |
| Tandem Axle Plow with Sander | 19-CE-285 | n/a | | | | | 270,000 | 270,000 |
| Televising Van | 19-CE-367 | n/a | | | | | 214,000 | 214,000 |
| 3/4 Ton Pickup with Plow | 19-CE-5005 | n/a | | | | | 39,500 | 39,500 |
| 3/4 Ton Pickup with Plow | 19-CE-5006 | n/a | | | | | 39,500 | 39,500 |
| Fork Lift 6000 Pund Capacity | 19-CE-700 | n/a | | | | | 36,500 | 36,500 |
| Park Maintenance Tool Cat with Snow Blower | 19-CE-NEW1 | n/a | | | | | 60,000 | 60,000 |
| Park Maintenance Utility Tractor with Snow Blower | 19-CE-NEW2 | n/a | | | | | 71,000 | 71,000 |
| Park Maintenance One Ton with Dump Box | 19-CE-NEW3 | n/a | | | | | 65,000 | 65,000 |
| Police Squad Cars (7) | 19-CE-SQUADS | n/a | | | | | 301,000 | 301,000 |

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------------|------------|----------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Mower 16' | 20-CE-5015 | n/a | | | | | 112,300 | 112,300 |
| Fire Ladder Fire Truck L-31 | 23-CE-038 | n/a | | | | 1,090,000 | | 1,090,000 |
| Central Equipment Total | | | 2,152,000 | 3,162,000 | 1,812,400 | 3,043,400 | 1,459,300 | 11,629,100 |

Facilities Management

| | | | | | | | | |
|--|-----------|-----|----------------|------------------|------------------|----------------|------------------|------------------|
| Painting - City Wide | 07-FM-008 | n/a | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Seal Coating/Crack Sealing/Asphalt Repair | 08-FM-006 | n/a | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Misc. Concrete Replacement | 08-FM-007 | n/a | 40,000 | 40,000 | 40,000 | 40,000 | 50,000 | 210,000 |
| Replace 1995 Trane Air Conditioner - CH | 13-FM-001 | n/a | 95,000 | | | | | 95,000 |
| Chemical De-icing Mixing System | 14-FM-001 | n/a | 200,000 | | | | | 200,000 |
| Roof Inspections and Repairs | 14-FM-002 | n/a | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Replace Roof - Oakwood Shelter | 15-FM-001 | n/a | 12,000 | | | | | 12,000 |
| Replace Roof - Historical Building | 15-FM-002 | n/a | 25,000 | | | | | 25,000 |
| Replace Air Conditioners - Bass Lake | 15-FM-004 | n/a | 25,000 | | | | | 25,000 |
| Replace Radiant Heat at Public Works | 15-FM-006 | n/a | 55,000 | | | | | 55,000 |
| Replace Carpet at Public Works | 15-FM-008 | n/a | | | 16,000 | | | 16,000 |
| Replace Boiler at Fire Station 3 | 15-FM-009 | n/a | 30,000 | | | | | 30,000 |
| Replace Floor Drains at Public Works | 15-FM-011 | n/a | 50,000 | 50,000 | | | | 100,000 |
| Emergency Siren #13 | 15-FM-012 | n/a | 30,000 | | | | | 30,000 |
| Replace Boiler - Plymouth Creek Center | 15-FM-013 | n/a | 85,000 | | | | | 85,000 |
| Replace CO and NO Sensor - Public Works | 15-FM-014 | n/a | 30,000 | | | | | 30,000 |
| Public Works Maintenance Facility Expansion | 15-FM-015 | n/a | | 1,000,000 | 4,000,000 | | 2,000,000 | 7,000,000 |
| Repair/Replace City Hall Retaining Wall | 15-FM-016 | n/a | 100,000 | | | | | 100,000 |
| Replace Air Handling Unit at Fire Station 1 | 16-FM-001 | n/a | | | 50,000 | | | 50,000 |
| Replace Rooftop Unit - Plymouth Creek Center | 16-FM-002 | n/a | | 85,000 | | | | 85,000 |
| Emergency Siren #14 | 16-FM-003 | n/a | | 30,000 | | | | 30,000 |
| Replace Plymouth Creek Center Ballroom Divider | 17-FM-001 | n/a | | 82,000 | | | | 82,000 |
| Replace Luminaires/Parking Lot Lights at City Hall | 18-FM-001 | n/a | | | | | 30,000 | 30,000 |
| Replace Air Makeup Units at Public Works | 18-FM-002 | n/a | | | | 65,000 | | 65,000 |
| Remodel/Refurnish Public Works | 18-FM-003 | n/a | | | | 25,000 | | 25,000 |
| Replace Floor Tiles at Public Works | 18-FM-004 | n/a | | | | 30,000 | | 30,000 |
| Resurface Floor at Public Works Repair Center | 18-FM-005 | n/a | | | | 20,000 | | 20,000 |
| Resurface Concrete Floor - Public Works | 19-FM-001 | n/a | | | | | 65,000 | 65,000 |
| Replace Air Makeup Unit - Public Safety Garage | 19-FM-002 | n/a | | | | | 50,000 | 50,000 |
| Facilities Management Total | | | 932,000 | 1,442,000 | 4,261,000 | 335,000 | 2,350,000 | 9,320,000 |

Information Technology

| | | | | | | | | |
|---|-----------|-----|---------|---------|--------|---------|--|---------|
| Replace Network Infrastructure | 11-IT-001 | n/a | | 150,000 | | | | 150,000 |
| Fiberoptic Telecommunication Interconnect | 11-IT-006 | n/a | 100,000 | | | | | 100,000 |
| Replace Portable 800 MHz Radios | 12-IT-001 | n/a | 75,000 | | | | | 75,000 |
| Fire Scheduling Software | 14-IT-004 | n/a | 30,000 | | | | | 30,000 |
| Replace SAN | 15-IT-001 | n/a | | 110,000 | | | | 110,000 |
| Server for Virtual Desktop Implementation (VDI) | 15-IT-002 | n/a | 20,000 | | | | | 20,000 |
| Time and Attendance System | 15-IT-003 | n/a | 30,000 | | | | | 30,000 |
| Intrusion and Detection System | 15-IT-004 | n/a | 30,000 | | | | | 30,000 |
| Replace Exchange 2010 Server | 15-IT-005 | n/a | 40,000 | | | | | 40,000 |
| Replace GIS Server | 15-IT-006 | n/a | 25,000 | | | | | 25,000 |
| Purchase Additional Storage Area Network (SAN) | 15-IT-007 | n/a | 125,000 | | | | | 125,000 |
| Replace Park and Recreation Registration Software | 15-IT-009 | n/a | 100,000 | | | | | 100,000 |
| Replace Utility Billing System | 15-IT-010 | n/a | 200,000 | | | | | 200,000 |
| Replace Permitting System | 15-IT-011 | n/a | | 200,000 | | | | 200,000 |
| Migration to Hennepin County CAMA System | 16-IT-001 | n/a | | 300,000 | | | | 300,000 |
| Replace Production Image Scanners | 17-IT-001 | n/a | | | 27,000 | | | 27,000 |
| Replace 2 NetApp Appliances | 18-IT-001 | n/a | | | | 100,000 | | 100,000 |

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|------------|----------|-------------------|------------------|------------------|------------------|------------------|-------------------|
| Information Technology Total | | | 775,000 | 760,000 | 27,000 | 100,000 | | 1,662,000 |
| Parks and Recreation | | | | | | | | |
| New Trails | 07-PR-001 | n/a | 100,000 | 260,000 | 35,000 | 300,000 | | 695,000 |
| Land Acquisition | 07-PR-003 | n/a | 3,595,000 | 400,000 | 400,000 | 400,000 | 400,000 | 5,195,000 |
| Trail Repair | 07-PR-004 | n/a | 200,000 | 205,000 | 205,000 | 210,000 | 210,000 | 1,030,000 |
| Replace Irrigation Systems | 07-PR-005 | n/a | 150,000 | | | 50,000 | 200,000 | 400,000 |
| Trail Crossing | 08-PR-001 | n/a | 1,600,000 | | | | | 1,600,000 |
| Playground Replacement or Renovation | 10-PR-001 | n/a | 295,000 | 200,000 | 210,000 | 500,000 | 500,000 | 1,705,000 |
| Add/Replace Outdoor Hockey Rinks | 10-PR-004 | n/a | 300,000 | | 300,000 | 300,000 | | 900,000 |
| Miscellaneous Park Improvements | 10-PR-008 | n/a | 100,000 | 76,000 | 100,000 | 70,000 | 55,000 | 401,000 |
| Replace Ice Center Zambonis | 13-PIC-001 | n/a | 130,000 | | | | 140,000 | 270,000 |
| Neighborhood Parks | 13-PR-001 | n/a | 125,000 | 400,000 | 420,000 | | | 945,000 |
| Relace Ice Center Rubber Flooring | 14-PIC-001 | n/a | 54,000 | | 65,000 | | | 119,000 |
| Replace Ice Center Dehumidifier Desicant Wheels | 14-PIC-003 | n/a | | 27,000 | | | | 27,000 |
| Replace Miscellaneous Boardwalks | 14-PR-003 | n/a | 30,000 | 30,000 | 35,000 | 25,000 | 30,000 | 150,000 |
| Tennis Court Repair | 14-PR-004 | n/a | | 240,000 | | | | 240,000 |
| Northwest Greenway Trail | 14-PR-005 | n/a | 700,000 | 650,000 | | 1,200,000 | | 2,550,000 |
| Millennium Garden Enhancements | 14-PR-006 | n/a | 25,000 | | | | | 25,000 |
| Plymouth Creek Center Furnishings and Equipment | 14-PR-007 | n/a | 25,000 | | | | | 25,000 |
| Ice Center Refrigerant Conversion | 15-PIC-001 | n/a | 800,000 | | | | | 800,000 |
| Ice Center Olympic Rink Conversion | 15-PIC-002 | n/a | 650,000 | | | | | 650,000 |
| Parking Lot Repair/Replacement | 15-PR-002 | n/a | 500,000 | | | 350,000 | 550,000 | 1,400,000 |
| Outdoor Turf Field | 15-PR-003 | n/a | 1,000,000 | | | | | 1,000,000 |
| Yard Waste Site Pad | 15-PR-004 | n/a | 60,000 | | | | | 60,000 |
| Replace Ice Center Roof Top Air Handler | 16-PIC-001 | n/a | | 75,000 | | | | 75,000 |
| Replace Ice Center Roof | 16-PIC-002 | n/a | 1,250,000 | | | | | 1,250,000 |
| RUPP Roof Air-Exchange/Handler | 16-PIC-003 | n/a | | 28,000 | | | | 28,000 |
| Ice Center Energy Management System | 16-PIC-004 | n/a | | 30,000 | | | | 30,000 |
| Replace Ice Center Dasher Boards | 17-PIC-001 | n/a | 70,000 | | | | 75,000 | 145,000 |
| Replace Ice Center Scoreboards | 18-PIC-001 | n/a | | | | 32,000 | | 32,000 |
| Fieldhouse Dome Replacement | 19-PR-001 | n/a | | | | | 500,000 | 500,000 |
| Parks and Recreation Total | | | 11,759,000 | 2,621,000 | 1,770,000 | 3,437,000 | 2,660,000 | 22,247,000 |
| Sanitary Sewer | | | | | | | | |
| Line Sanitary Sewer Main: Annual Program | 06-SS-003 | n/a | 710,000 | 780,000 | 860,000 | 930,000 | 1,000,000 | 4,280,000 |
| Trunk Sewer Oversizing | 08-SS-002 | n/a | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Refurbish Sunset Hill Lift Station | 14-SS-002 | n/a | 90,000 | 600,000 | | | | 690,000 |
| Refurbish Greentree Lift Station | 15-SS-001 | n/a | | 90,000 | 600,000 | | | 690,000 |
| 15th Ave./Pineview Lane San. Sewer Replacement | 15-SS-002 | n/a | 50,000 | 400,000 | | | | 450,000 |
| Abandon Autumn Hills Lift Station | 16-SS-001 | n/a | | 100,000 | 500,000 | | | 600,000 |
| Refurbish Waterfront Lift Station | 17-SS-001 | n/a | 700,000 | | | | | 700,000 |
| Refurbish Bass Lake Plaza Lift Station | 18-SS-001 | n/a | | | 100,000 | 700,000 | | 800,000 |
| Sanitary Sewer Total | | | 1,650,000 | 2,070,000 | 2,160,000 | 1,730,000 | 1,100,000 | 8,710,000 |
| Streets | | | | | | | | |
| Traffic Signals | 08-ST-005 | n/a | 600,000 | | | | | 600,000 |
| Rail X-ing Safety Improvements - Zachary Lane | 08-ST-006 | n/a | | 255,000 | | | | 255,000 |
| Mill & Overlay Projects | 09-ST-004 | n/a | 600,000 | 600,000 | 1,300,000 | 820,000 | 900,000 | 4,220,000 |
| Vicksburg Lane -Old Rockford Rd to Schmidt Lake Rd | 09-ST-005 | n/a | | 5,000,000 | | | | 5,000,000 |
| Replace Retaining Walls | 09-ST-006 | n/a | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |
| Edge Mill and Overlay Projects | 09-ST-007 | n/a | 2,720,000 | 2,720,000 | 2,720,000 | 2,720,000 | 2,720,000 | 13,600,000 |
| West Medicine Lake & Hwy 55 Intersection | 11-ST-002 | n/a | | 460,000 | | | | 460,000 |
| Vicksburg Lane - Schmidt Lake Rd to Maple Grove | 11-ST-005 | n/a | 12,000,000 | 1,000,000 | | | | 13,000,000 |

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|-----------|----------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Concrete Sidewalk Replacement | 11-ST-010 | n/a | 50,000 | 100,000 | 50,000 | 50,000 | | 250,000 |
| Nathan Lane & CR 10 Intersection | 12-ST-002 | n/a | | 100,000 | 500,000 | | | 600,000 |
| TH 55 Frontage Road Reconstruction | 14-ST-002 | n/a | | 320,000 | | | | 320,000 |
| Peony Lane - Schmidt Lake Rd to Maple Grove | 15-ST-001 | n/a | 5,000,000 | | | | | 5,000,000 |
| 2015 Street Reconstruction | 15-ST-002 | n/a | 4,320,000 | | | | | 4,320,000 |
| Fernbrook Lane & Hwy 55 Intersection | 15-ST-003 | n/a | 154,000 | | | | | 154,000 |
| Flashing Yellow Arrow Signal Conversions | 15-ST-004 | n/a | 692,665 | 500,000 | 500,000 | | | 1,692,665 |
| Upgrade Crosswalk Signage | 15-ST-005 | n/a | 50,000 | | | | | 50,000 |
| 2016 Street Reconstruction | 16-ST-001 | n/a | 80,000 | 1,170,000 | | | | 1,250,000 |
| 2017 Street Reconstruction | 17-ST-001 | n/a | | 80,000 | 2,000,000 | | | 2,080,000 |
| 2018 Street Reconstruction | 18-ST-001 | n/a | | | 80,000 | 2,000,000 | | 2,080,000 |
| 2019 Street Reconstruction | 19-ST-001 | n/a | | | | 80,000 | 2,000,000 | 2,080,000 |
| Streets Total | | | 26,356,665 | 12,395,000 | 7,240,000 | 5,760,000 | 5,710,000 | 57,461,665 |
| Water | | | | | | | | |
| Well Refurbishing | 07-W-002 | n/a | 255,000 | 255,000 | 265,000 | 270,000 | 280,000 | 1,325,000 |
| Trunk Watermain Oversizing | 08-W-003 | n/a | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 1,100,000 |
| Refurbish Zachary Water Tower | 12-W-001 | n/a | 1,000,000 | | | | | 1,000,000 |
| Wells 18 and 19 and New Water Treatment Plant | 13-W-002 | n/a | | | | | 7,600,000 | 7,600,000 |
| Replace Raw Watermain Well No. 6 to Well No. 4 | 14-W-002 | n/a | 170,000 | | | | | 170,000 |
| Powerwash Elevated Storage Facilities | 15-W-001 | n/a | 25,000 | 25,000 | 25,000 | 50,000 | 25,000 | 150,000 |
| Watermain Interconnect with Maple Grove | 15-W-002 | n/a | 100,000 | | | | | 100,000 |
| Water Meter Replacement | 15-W-003 | n/a | 2,000,000 | 3,000,000 | | | | 5,000,000 |
| Power Service Upgrades at Zachary WTP | 16-W-001 | n/a | 85,000 | | | | | 85,000 |
| Refurbish Central Water Tower | 19-W-001 | n/a | | | | 130,000 | 1,500,000 | 1,630,000 |
| Water Total | | | 3,855,000 | 3,500,000 | 510,000 | 670,000 | 9,625,000 | 18,160,000 |
| Water Resources | | | | | | | | |
| Maintain Water Quality Ponds | 06-WR-002 | n/a | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |
| Unspecified Drainage Improvements | 08-WR-003 | n/a | | 250,000 | 250,000 | 250,000 | 250,000 | 1,000,000 |
| Elm Creek Stream Restoration | 14-WR-002 | n/a | 500,000 | 400,000 | | | | 900,000 |
| Kilmer Park Pond and Stream Restoration | 14-WR-004 | n/a | 45,000 | 45,000 | 300,000 | | | 390,000 |
| Bass Lake Alum Treatment Facility | 14-WR-005 | n/a | 375,000 | | | | | 375,000 |
| Plymouth Creek Park Stream Restoration | 15-WR-001 | n/a | 25,000 | 50,000 | 400,000 | | | 475,000 |
| Schmidt Lake Storm Sewer Lift Station Rehab. | 15-WR-002 | n/a | 200,000 | | | | | 200,000 |
| Mount Olivet Stream Restoration | 15-WR-003 | n/a | 25,000 | 225,000 | | | | 250,000 |
| Chelsea Woods Drainage - Weston Ln. to CR 6 | 15-WR-004 | n/a | 25,000 | 50,000 | 300,000 | 300,000 | | 675,000 |
| Plum Tree 3rd Addition Drainage Maintenance | 15-WR-005 | n/a | 200,000 | | | | | 200,000 |
| 2015 Drainage Improvements | 15-WR-006 | n/a | 475,000 | | | | | 475,000 |
| Weston Lane Storm Sewer Lift Station Rehab. | 16-WR-001 | n/a | | 50,000 | 500,000 | | | 550,000 |
| Plymouth Creek Stream Restoration | 16-WR-002 | n/a | | 25,000 | 25,000 | 100,000 | 100,000 | 250,000 |
| 15th Ave./ Pineview Lane Storm Sewer Replacement | 16-WR-003 | n/a | 20,000 | 770,000 | 750,000 | | | 1,540,000 |
| Wild Wings Western Wetland Improvements | 17-WR-001 | n/a | | | 25,000 | 100,000 | 100,000 | 225,000 |
| Wood Creek Tributary - Armstrong H.S. to 34th Ave. | 17-WR-002 | n/a | | | 25,000 | 25,000 | 150,000 | 200,000 |
| Water Resources Total | | | 1,980,000 | 1,955,000 | 2,665,000 | 865,000 | 690,000 | 8,155,000 |
| GRAND TOTAL | | | 49,459,665 | 27,905,000 | 20,445,400 | 15,940,400 | 23,594,300 | 137,344,765 |

City of Plymouth, Minnesota
Capital Improvement Program
 2015 thru 2019

PROJECTS & FUNDING SOURCES BY DEPARTMENT

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|-----------------|-----------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Central Equipment | | | | | | | | |
| Single Axle Plow with Sander 1998 Sterling | 09-CE-273 | n/a | | 180,000 | | | | 180,000 |
| Wheel Loader with Plow Wing 1995 John Deere 624H | 10-CE-200 | n/a | 190,000 | | | | | 190,000 |
| Single Axle Plow with Sander 1999 Sterling | 10-CE-274 | n/a | | 200,000 | | | | 200,000 |
| One Ton with Plow | 10-CE-582 | n/a | | 68,000 | | | | 68,000 |
| Street Sweeper | 11-CE-230 | n/a | | 180,000 | | | | 180,000 |
| Air Compressor | 11-CE-319 | n/a | | | | 38,000 | | 38,000 |
| Engineering SUV | 11-CE-498 | n/a | 28,000 | | | | | 28,000 |
| One Ton 4X4 with Plow | 11-CE-585 | n/a | | 68,000 | | | | 68,000 |
| Police Dodge Charger | 12-CE-150 | n/a | 40,000 | | | | | 40,000 |
| Back Hoe | 12-CE-237 | n/a | | | | 150,000 | | 150,000 |
| Hammer for Back Hoe | 12-CE-237A | n/a | | | | 30,000 | | 30,000 |
| Floor Sweeper/Scrubber for Public Works | 12-CE-745 | n/a | | 60,000 | | | | 60,000 |
| Truck Mounted Patch Unit 2003 Auger style | 13-CE-212 | n/a | | 65,000 | | | | 65,000 |
| Motorgrader | 13-CE-238 | n/a | | | | 308,000 | | 308,000 |
| One Ton Truck with Plow/ Sander | 13-CE-253 | n/a | | 72,000 | | | | 72,000 |
| Single Axle Plow with Sander | 13-CE-283 | n/a | | | | 200,000 | | 200,000 |
| 3/4 Ton Pickup with Plow | 13-CE-357 | n/a | 37,000 | | | | | 37,000 |
| Engineering All Wheel Drive Van | 13-CE-404 | n/a | 26,000 | | | | | 26,000 |
| Fire Inspections SUV | 13-CE-405 | n/a | 27,000 | | | | | 27,000 |
| All Surface Vehicle | 13-CE-537 | n/a | 45,000 | | | | | 45,000 |
| Chipper Truck | 13-CE-590 | n/a | | 77,000 | | | | 77,000 |
| One Ton Truck with Plow | 13-CE-592 | n/a | | 70,000 | | | | 70,000 |
| 3/4 Ton Pickup With Irrigation Utility Box | 13-CE-595 | n/a | | 39,000 | | | | 39,000 |
| Fire Rescue Pumper E-21 | 14-CE-034 | n/a | 475,000 | | | | | 475,000 |
| Excavator | 14-CE-228 | n/a | | | | | 200,000 | 200,000 |
| Spray Patcher Roscoe | 14-CE-234 | n/a | | 200,000 | | | | 200,000 |
| 3/4 Ton Pickup with Plow | 14-CE-246 | n/a | 37,000 | | | | | 37,000 |
| Lowboy Trailer | 14-CE-255 | n/a | 82,000 | | | | | 82,000 |
| Single Axle Plow with Sander | 14-CE-279 | n/a | | | 200,000 | | | 200,000 |
| 3/4 Ton Pickup with Plow | 14-CE-355 | n/a | | 37,000 | | | | 37,000 |
| Zero Turn Mower/Snow Blower | 14-CE-521 | n/a | 61,000 | | | | | 61,000 |
| Self Propelled Sprayer | 14-CE-561 | n/a | | 0 | | | | 0 |
| 3/4 Ton Pickup with Plow | 14-CE-599 | n/a | | 37,000 | | | | 37,000 |
| Fire Utility Pickup | 14-CE-NEW2 | n/a | 40,000 | | | | | 40,000 |
| Fire Chief SUV | 15-CE-037 | n/a | | 35,000 | | | | 35,000 |
| Police CSO 1/2 Ton Pickup | 15-CE-1709 | n/a | 30,000 | | | | | 30,000 |
| Police Investigator Car | 15-CE-181 | n/a | 29,000 | | | | | 29,000 |
| Trench Compactor | 15-CE-205 | n/a | | 40,000 | | | | 40,000 |
| 40' Conveyor | 15-CE-224 | n/a | | 41,000 | | | | 41,000 |

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|--------------|----------|---------|---------|---------|---------|------|---------|
| Truck Tractor | 15-CE-254 | n/a | 150,000 | | | | | 150,000 |
| Tack Distributer and Chasis | 15-CE-256A | n/a | 170,000 | | | | | 170,000 |
| One Ton Truck | 15-CE-358 | n/a | 76,000 | | | | | 76,000 |
| Mower 6' | 15-CE-5000 | n/a | | 62,000 | | | | 62,000 |
| Mower 6' | 15-CE-5001 | n/a | 61,000 | | | | | 61,000 |
| Utility Tractor and Blower | 15-CE-569 | n/a | 61,000 | | | | | 61,000 |
| 4200 Internation Wood Chip Hauler | 15-CE-590 | n/a | | 86,000 | | | | 86,000 |
| 3/4 Ton Pickup | 15-CE-594 | n/a | 37,000 | | | | | 37,000 |
| 3/4 Ton Pickup | 15-CE-595 | n/a | | 38,000 | | | | 38,000 |
| Long-tined Aerator | 15-CE-603/31 | n/a | 26,000 | | | | | 26,000 |
| New Side Dump Trailer | 15-CE-NEW1 | n/a | 51,000 | | | | | 51,000 |
| New Utility Maintenance Vehicle | 15-CE-NEW2 | n/a | 35,000 | | | | | 35,000 |
| Street Maintenance Pickup | 15-CE-NEW3 | n/a | 35,000 | | | | | 35,000 |
| Tandem Axle Plow with Sander | 15-CE-NEW4 | n/a | 223,000 | | | | | 223,000 |
| Police Squad Cars (2) | 15-CE-SQUADS | n/a | 80,000 | | | | | 80,000 |
| Building Inspections Pickup | 16-CE-1700 | n/a | | 26,000 | | | | 26,000 |
| Tandem Axle Plow with Sander | 16-CE-280 | n/a | | 250,000 | | | | 250,000 |
| Tandem Axle Plow with Sander | 16-CE-281 | n/a | | 250,000 | | | | 250,000 |
| Hydo-Seeder | 16-CE-303 | n/a | | 35,000 | | | | 35,000 |
| Jet/Vactor Truck and Attachments | 16-CE-354 | n/a | | 367,000 | | | | 367,000 |
| Meter Repair Truck with Utility Box | 16-CE-366 | n/a | | 32,000 | | | | 32,000 |
| Building Inspections Pickup 4X4. | 16-CE-411 | n/a | | 27,000 | | | | 27,000 |
| Water Truck | 16-CE-576 | n/a | | 185,000 | | | | 185,000 |
| Mower 6' with Broom | 16-CE-MOWER | n/a | | 55,000 | | | | 55,000 |
| Police Squad Cars (7) | 16-CE-SQUADS | n/a | | 280,000 | | | | 280,000 |
| Police Investigations Pickup | 17-CE-1703 | n/a | | | 28,000 | | | 28,000 |
| CSO 4x4 Pick up 2014 | 17-CE-1717 | n/a | | | 30,000 | | | 30,000 |
| Excavator CX75 | 17-CE-225 | n/a | | | 150,000 | | | 150,000 |
| Single Axle Plow with Sander | 17-CE-279 | n/a | | | 230,000 | | | 230,000 |
| Back Hoe | 17-CE-333 | n/a | | | 181,200 | | | 181,200 |
| Ford 3/4 Ton Pickup 4X2 | 17-CE-361 | n/a | | | 35,000 | | | 35,000 |
| 3/4 Ton Pickup 4X4 w/Utility Box | 17-CE-362 | n/a | | | 34,300 | | | 34,300 |
| 3/4 Ton Pickup 4x4 | 17-CE-363 | n/a | | | 32,400 | | | 32,400 |
| Building Inspections Pickup 4X4 | 17-CE-412 | n/a | | | 28,000 | | | 28,000 |
| Building Inspections Pickup 4X4 | 17-CE-413 | n/a | | | 28,000 | | | 28,000 |
| Building Inspections Pickup 4X4 | 17-CE-414 | n/a | | | 28,000 | | | 28,000 |
| Mower 16' | 17-CE-5004 | n/a | | | 111,600 | | | 111,600 |
| Garbage Truck | 17-CE-560 | n/a | | | 106,600 | | | 106,600 |
| Aerial Bucket Truck | 17-CE-562 | n/a | | | 120,000 | | | 120,000 |
| 3/4 Ton Pickup 4x4 | 17-CE-568 | n/a | | | 32,400 | | | 32,400 |
| One Ton Truck with Lift Gate | 17-CE-575 | n/a | | | 54,900 | | | 54,900 |
| One Ton 4X4 with Plow and Lift Gate F-450 | 17-CE-596 | n/a | | | 72,000 | | | 72,000 |
| Police CSO 1/2 Ton Pickup | 17-CE-CSO | n/a | | | 30,000 | | | 30,000 |
| Police Squad Cars (7) | 17-CE-SQUADS | n/a | | | 280,000 | | | 280,000 |
| One Ton Truck with Plow | 18-CE-2000 | n/a | | | | 79,000 | | 79,000 |
| 2000 624H JD Wheel Loader /plow | 18-CE-203 | n/a | | | | 300,000 | | 300,000 |
| Jetter Vac | 18-CE-3022 | n/a | | | | 32,800 | | 32,800 |
| One Ton with Plow and Contractor Box | 18-CE-360 | n/a | | | | 85,000 | | 85,000 |
| Jetter Truck | 18-CE-364 | n/a | | | | 200,800 | | 200,800 |

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| One Ton Truck with Lift Gate | 18-CE-365 | n/a | | | | 74,000 | | 74,000 |
| Wood Chipper | 18-CE-5002 | n/a | | | | 55,400 | | 55,400 |
| Forestry Pickup | 18-CE-5003 | n/a | | | | 26,400 | | 26,400 |
| One Ton 4X4 with Plow | 18-CE-598 | n/a | | | | 94,000 | | 94,000 |
| Police Squad Cars (7) | 18-CE-SQUADS | n/a | | | | 280,000 | | 280,000 |
| Steel Drum Roller | 19-CE-2004 | n/a | | | | | 50,500 | 50,500 |
| Tandem Axle Plow with Sander | 19-CE-285 | n/a | | | | | 270,000 | 270,000 |
| Televising Van | 19-CE-367 | n/a | | | | | 214,000 | 214,000 |
| 3/4 Ton Pickup with Plow | 19-CE-5005 | n/a | | | | | 39,500 | 39,500 |
| 3/4 Ton Pickup with Plow | 19-CE-5006 | n/a | | | | | 39,500 | 39,500 |
| Fork Lift 6000 Pund Capacity | 19-CE-700 | n/a | | | | | 36,500 | 36,500 |
| Park Maintenance Tool Cat with Snow Blower | 19-CE-NEW1 | n/a | | | | | 60,000 | 60,000 |
| Park Maintenance Utility Tractor with Snow Blower | 19-CE-NEW2 | n/a | | | | | 71,000 | 71,000 |
| Park Maintenance One Ton with Dump Box | 19-CE-NEW3 | n/a | | | | | 65,000 | 65,000 |
| Police Squad Cars (7) | 19-CE-SQUADS | n/a | | | | | 301,000 | 301,000 |
| Mower 16 ' | 20-CE-5015 | n/a | | | | | 112,300 | 112,300 |
| Fire Ladder Fire Truck L-31 | 23-CE-038 | n/a | | | | 1,090,000 | | 1,090,000 |
| Central Equipment Total | | | 2,152,000 | 3,162,000 | 1,812,400 | 3,043,400 | 1,459,300 | 11,629,100 |
| <i>Central Equipment Fund</i> | | | 1,783,000 | 3,162,000 | 1,812,400 | 3,043,400 | 1,459,300 | 11,260,100 |
| <i>General Fund</i> | | | 35,000 | | | | | 35,000 |
| <i>General Project Fund (Gen. Fund Reserves)</i> | | | 223,000 | | | | | 223,000 |
| <i>Water Fund</i> | | | 70,500 | | | | | 70,500 |
| <i>Water Resources Fund</i> | | | 40,500 | | | | | 40,500 |
| Central Equipment Total | | | 2,152,000 | 3,162,000 | 1,812,400 | 3,043,400 | 1,459,300 | 11,629,100 |
| Grand Total | | | 2,152,000 | 3,162,000 | 1,812,400 | 3,043,400 | 1,459,300 | 11,629,100 |

Project # 09-CE-273
Project Name Single Axle Plow with Sander 1998 Sterling

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Single axle dump truck used for snow removal, ice control and summer project support.

Justification

Scheduled replacement in 2009. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 180,000 | | | | 180,000 |
| Total | | 180,000 | | | | 180,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | | 180,000 | | | | 180,000 |
| Total | | 180,000 | | | | 180,000 |

Project # 10-CE-200
Project Name Wheel Loader with Plow Wing 1995 John Deere 624H

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Wheel Loader used for snow plowing and loading work throughout the year.

Justification

Scheduled replacement in 2010 but leased a loader until 2015.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 190,000 | | | | | 190,000 |
| Total | 190,000 | | | | | 190,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | 190,000 | | | | | 190,000 |
| Total | 190,000 | | | | | 190,000 |

Project # 10-CE-274
Project Name Single Axle Plow with Sander 1999 Sterling

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Single axle dump truck used for snow removal, ice control and summer project support.

Justification

Scheduled replacement in 2010. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 200,000 | | | | 200,000 |
| Total | | 200,000 | | | | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | | 200,000 | | | | 200,000 |
| Total | | 200,000 | | | | 200,000 |

Project # 10-CE-582
Project Name One Ton with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2000 F-450 4x4 one ton with plow.

Justification

Scheduled replacement in 2010. Need to replace will be re-evaluated in programmed year. Truck box and frame was sandblasted and painted in March of 2010.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 68,000 | | | | 68,000 |
| Total | | 68,000 | | | | 68,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 68,000 | | | | 68,000 |
| Total | | 68,000 | | | | 68,000 |

Project # 11-CE-230
Project Name Street Sweeper

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2003 Elgin Pelican broom street sweeper. Major refurbishing in 2012 should postpone replacement until 2015.

Justification

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 180,000 | | | | 180,000 |
| Total | | 180,000 | | | | 180,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | | 180,000 | | | | 180,000 |
| Total | | 180,000 | | | | 180,000 |

Project # 11-CE-319
Project Name Air Compressor

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

1996 Ingersoll P375 air compressor, 375 cfs, used to blow irrigation lines and hammering.

Justification

Scheduled replacement in 2011. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | | 38,000 | | 38,000 |
| Total | | | | 38,000 | | 38,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Central Equipment Fund | | | | 38,000 | | 38,000 |
| Total | | | | 38,000 | | 38,000 |

Project # 11-CE-498
Project Name Engineering SUV

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2004 Grand Cherokee.

Justification

Scheduled replacement in 2011. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 28,000 | | | | | 28,000 |
| Total | 28,000 | | | | | 28,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 28,000 | | | | | 28,000 |
| Total | 28,000 | | | | | 28,000 |

Project # 11-CE-585
Project Name One Ton 4X4 with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2001 F-350 Forestry one ton 4X4 with plow.

Justification

Scheduled replacement in 2011. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 68,000 | | | | 68,000 |
| Total | | 68,000 | | | | 68,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 68,000 | | | | 68,000 |
| Total | | 68,000 | | | | 68,000 |

Project # 12-CE-150
Project Name Police Dodge Charger

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Dodge Charger.

Justification

Scheduled replacement in 2012. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

Project # 12-CE-237
Project Name Back Hoe

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2002 430 Caterpillar back hoe.

Justification

Scheduled replacement in 2012. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | | 150,000 | | 150,000 |
| Total | | | | 150,000 | | 150,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Central Equipment Fund | | | | 150,000 | | 150,000 |
| Total | | | | 150,000 | | 150,000 |

Project # 12-CE-237A
Project Name Hammer for Back Hoe

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Hammer attachment for 430 Caterpillar back hoe.

Justification

Scheduled replacement in 2012. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | | 30,000 | | 30,000 |
| Total | | | | 30,000 | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Central Equipment Fund | | | | 30,000 | | 30,000 |
| Total | | | | 30,000 | | 30,000 |

Project # 12-CE-745
Project Name Floor Sweeper/Scrubber for Public Works

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Floor sweeper and scrubber for Public Works Facility.

Justification

Scheduled replacement in 2012. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 60,000 | | | | 60,000 |
| Total | | 60,000 | | | | 60,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 60,000 | | | | 60,000 |
| Total | | 60,000 | | | | 60,000 |

Project # 13-CE-212
Project Name Truck Mounted Patch Unit 2003 Auger style

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2003 auger style truck mounted asphalt patching unit for street maintenance activities.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 65,000 | | | | 65,000 |
| Total | | 65,000 | | | | 65,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 65,000 | | | | 65,000 |
| Total | | 65,000 | | | | 65,000 |

Project # 13-CE-238
Project Name Motorgrader

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Caterpillar motorgrader.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | | 308,000 | | 308,000 |
| Total | | | | 308,000 | | 308,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Central Equipment Fund | | | | 308,000 | | 308,000 |
| Total | | | | 308,000 | | 308,000 |

Project # 13-CE-253
Project Name One Ton Truck with Plow/ Sander

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2003 F-450 one ton truck with plow.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 72,000 | | | | 72,000 |
| Total | | 72,000 | | | | 72,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 72,000 | | | | 72,000 |
| Total | | 72,000 | | | | 72,000 |

Project # 13-CE-283
Project Name Single Axle Plow with Sander

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Sterling single axle plow with v-box and sander. Replace entire truck chasis and sander with traditional truck, box and sander.

Justification

Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | | 200,000 | | 200,000 |
| Total | | | | 200,000 | | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Central Equipment Fund | | | | 200,000 | | 200,000 |
| Total | | | | 200,000 | | 200,000 |

Project # 13-CE-357
Project Name 3/4 Ton Pickup with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2005 Chevrolet 3/4 ton Pickup with plow.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 37,000 | | | | | 37,000 |
| Total | 37,000 | | | | | 37,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 37,000 | | | | | 37,000 |
| Total | 37,000 | | | | | 37,000 |

Project # 13-CE-404
Project Name Engineering All Wheel Drive Van

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2005 Chevrolet All wheel drive van used by Engineering for construction inspection.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 26,000 | | | | | 26,000 |
| Total | 26,000 | | | | | 26,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 26,000 | | | | | 26,000 |
| Total | 26,000 | | | | | 26,000 |

Project # 13-CE-405
Project Name Fire Inspections SUV

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2005 Grand Cherokee Building Inspections SUV. The replacement vehicle will be a light duty pickup.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 27,000 | | | | | 27,000 |
| Total | 27,000 | | | | | 27,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 27,000 | | | | | 27,000 |
| Total | 27,000 | | | | | 27,000 |

Project # 13-CE-537
Project Name All Surface Vehicle

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2005 RC 60 All Surface Vehicle (ASV) skid steer with blower/pallet forks.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 45,000 | | | | | 45,000 |
| Total | 45,000 | | | | | 45,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 45,000 | | | | | 45,000 |
| Total | 45,000 | | | | | 45,000 |

Project # 13-CE-590
Project Name Chipper Truck

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2003 International collection truck for wood chipping.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 77,000 | | | | 77,000 |
| Total | | 77,000 | | | | 77,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 77,000 | | | | 77,000 |
| Total | | 77,000 | | | | 77,000 |

Project # 13-CE-592
Project Name One Ton Truck with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2003 F-450 one ton truck with plow.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 70,000 | | | | 70,000 |
| Total | | 70,000 | | | | 70,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 70,000 | | | | 70,000 |
| Total | | 70,000 | | | | 70,000 |

Project # 13-CE-595
Project Name 3/4 Ton Pickup With Irrigation Utility Box

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2005 Chevrolet 3/4 ton Pickup with utility box for irrigation maintenance.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 39,000 | | | | 39,000 |
| Total | | 39,000 | | | | 39,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 39,000 | | | | 39,000 |
| Total | | 39,000 | | | | 39,000 |

Project # 14-CE-034
Project Name Fire Rescue Pumper E-21

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2005 Cadet Rescue Pumper (E-21).

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 475,000 | | | | | 475,000 |
| Total | 475,000 | | | | | 475,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | 475,000 | | | | | 475,000 |
| Total | 475,000 | | | | | 475,000 |

Project # 14-CE-228
Project Name Excavator

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2004 Case CX 160 Excavator.

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Equip/Vehicles/Furnishings | | | | | 200,000 | 200,000 |
| Total | | | | | 200,000 | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Central Equipment Fund | | | | | 200,000 | 200,000 |
| Total | | | | | 200,000 | 200,000 |

Project # 14-CE-234
Project Name Spray Patcher Roscoe

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2004 Roscoe RA-300 Spray Patcher for street maintenance activities. This equipment will be analyzed to determine replacement needs.

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 200,000 | | | | 200,000 |
| Total | | 200,000 | | | | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | | 200,000 | | | | 200,000 |
| Total | | 200,000 | | | | 200,000 |

Project # 14-CE-246
Project Name 3/4 Ton Pickup with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2004 F-350 3/4 ton Pickup with plow.

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 37,000 | | | | | 37,000 |
| Total | 37,000 | | | | | 37,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 37,000 | | | | | 37,000 |
| Total | 37,000 | | | | | 37,000 |

Project # 14-CE-255
Project Name Lowboy Trailer

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2004 70,000 pound specialized trailer.

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 82,000 | | | | | 82,000 |
| Total | 82,000 | | | | | 82,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 82,000 | | | | | 82,000 |
| Total | 82,000 | | | | | 82,000 |

Project # 14-CE-279
Project Name Single Axle Plow with Sander

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2003 Sterling single axle plow with sander.

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | 200,000 | | | 200,000 |
| Total | | | 200,000 | | | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Central Equipment Fund | | | 200,000 | | | 200,000 |
| Total | | | 200,000 | | | 200,000 |

Project # 14-CE-355
Project Name 3/4 Ton Pickup with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2004 Chevrolet 3/4 ton Pickup with plow.

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 37,000 | | | | 37,000 |
| Total | | 37,000 | | | | 37,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 37,000 | | | | 37,000 |
| Total | | 37,000 | | | | 37,000 |

Project # 14-CE-521
Project Name Zero Turn Mower/Snow Blower

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Toro GM 7210 D zero turn mower/snow blower.

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 61,000 | | | | | 61,000 |
| Total | 61,000 | | | | | 61,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 61,000 | | | | | 61,000 |
| Total | 61,000 | | | | | 61,000 |

Project # 14-CE-561
Project Name Self Propelled Sprayer

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

1994 Self propelled Toro sprayer.

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Equip/Vehicles/Furnishings | | 0 | | | | 0 |
| Total | | 0 | | | | 0 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Central Equipment Fund | | 0 | | | | 0 |
| Total | | 0 | | | | 0 |

Project # 14-CE-599
Project Name 3/4 Ton Pickup with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2006 Chevrolet extended cab 3/4 ton Pickup with plow.

Justification

Scheduled replacement in 2014. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 37,000 | | | | 37,000 |
| Total | | 37,000 | | | | 37,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 37,000 | | | | 37,000 |
| Total | | 37,000 | | | | 37,000 |

Project # 14-CE-NEW2
Project Name Fire Utility Pickup

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Extended cab pickup for daily use for Fire Captain (U-11). This vehicle would replace a donated extended cab pickup.

Justification

This vehicle is used as a primary response vehicle and other duties of the Fire Captain. The vehicle is not currently in the replacement schedule and would be an addition.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

Project # 15-CE-037
Project Name Fire Chief SUV

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Chevy Trailblazer 4X4.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 35,000 | | | | 35,000 |
| Total | | 35,000 | | | | 35,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 35,000 | | | | 35,000 |
| Total | | 35,000 | | | | 35,000 |

Project # 15-CE-1709
Project Name Police CSO 1/2 Ton Pickup

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Pickup used by Police CSO for daily tasks.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

Project # 15-CE-181
Project Name Police Investigator Car

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2002 Ford Taurus for Police Investigations.

Justification

Scheduled replacement in 2013. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 29,000 | | | | | 29,000 |
| Total | 29,000 | | | | | 29,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 29,000 | | | | | 29,000 |
| Total | 29,000 | | | | | 29,000 |

Project # 15-CE-205
Project Name Trench Compactor

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Whacher sheeps foot articulated roller.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 40,000 | | | | 40,000 |
| Total | | 40,000 | | | | 40,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 40,000 | | | | 40,000 |
| Total | | 40,000 | | | | 40,000 |

Project # 15-CE-224
Project Name 40' Conveyor

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Belt driver conveyor with screen.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 41,000 | | | | 41,000 |
| Total | | 41,000 | | | | 41,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 41,000 | | | | 41,000 |
| Total | | 41,000 | | | | 41,000 |

Project # 15-CE-254
Project Name Truck Tractor

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2001 Sterling Model AT9513 truck tractor used to pull lowboy trailer. Replacement truck will also tow a new side dump trailer for the Utilities Division.

Justification

Scheduled replacement in 2015. Existing tractor was purchased used but will be replaced with new.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 150,000 | | | | | 150,000 |
| Total | 150,000 | | | | | 150,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | 125,000 | | | | | 125,000 |
| Water Fund | 10,000 | | | | | 10,000 |
| Water Resources Fund | 15,000 | | | | | 15,000 |
| Total | 150,000 | | | | | 150,000 |

Project # 15-CE-256A
Project Name Tack Distributer and Chasis

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Tack distributor (tanker) on 1985 truck chasis. Truck chasis will be replaced (Unit No. 256).

Justification

Scheduled replacement in 2015. Need to replace will be determined in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 170,000 | | | | | 170,000 |
| Total | 170,000 | | | | | 170,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | 170,000 | | | | | 170,000 |
| Total | 170,000 | | | | | 170,000 |

Project # 15-CE-358
Project Name One Ton Truck

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2006 F-450 one ton with crane for lift station work with plow.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 76,000 | | | | | 76,000 |
| Total | 76,000 | | | | | 76,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 76,000 | | | | | 76,000 |
| Total | 76,000 | | | | | 76,000 |

Project # 15-CE-5000
Project Name Mower 6'

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2008 GM 7210 6 foot mower with broom and blower.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 62,000 | | | | 62,000 |
| Total | | 62,000 | | | | 62,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 62,000 | | | | 62,000 |
| Total | | 62,000 | | | | 62,000 |

Project # 15-CE-5001
Project Name Mower 6'

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2008 GM 7210 6 foot mower with broom and blower.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 61,000 | | | | | 61,000 |
| Total | 61,000 | | | | | 61,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 61,000 | | | | | 61,000 |
| Total | 61,000 | | | | | 61,000 |

Project # 15-CE-569
Project Name Utility Tractor and Blower

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

1995 John Deere 5300 50 hp utility tractor with blower (Unit No. 684).

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 61,000 | | | | | 61,000 |
| Total | 61,000 | | | | | 61,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 61,000 | | | | | 61,000 |
| Total | 61,000 | | | | | 61,000 |

Project # 15-CE-590
Project Name 4200 Internation Wood Chip Hauler

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2003 International truck used to haul wood chips during tree removal.

Justification

Scheduled replacement in 2015. Need to be replaced will be evaluated in programmed year

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 86,000 | | | | 86,000 |
| Total | | 86,000 | | | | 86,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 86,000 | | | | 86,000 |
| Total | | 86,000 | | | | 86,000 |

Project # 15-CE-594
Project Name 3/4 Ton Pickup

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2005 Chevrolet 3/4 ton Pickup 4 door.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 37,000 | | | | | 37,000 |
| Total | 37,000 | | | | | 37,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 37,000 | | | | | 37,000 |
| Total | 37,000 | | | | | 37,000 |

Project # 15-CE-595
Project Name 3/4 Ton Pickup

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2005 3/4 ton Pickup with fiberglass utility box used for irrigation work.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 38,000 | | | | 38,000 |
| Total | | 38,000 | | | | 38,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 38,000 | | | | 38,000 |
| Total | | 38,000 | | | | 38,000 |

Project # 15-CE-603/31
Project Name Long-tined Aerator

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Long-tined aerator for turf field maintenance.

Justification

Scheduled replacement in 2015. This replacement is for two existing aerators that separately would not meet the CIP threshold.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 26,000 | | | | | 26,000 |
| Total | 26,000 | | | | | 26,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 26,000 | | | | | 26,000 |
| Total | 26,000 | | | | | 26,000 |

Project # 15-CE-NEW1
Project Name New Side Dump Trailer

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

New side dump trailer for utility and drainage work.

Justification

Currently all fill and spoil material is hauled with city plow trucks. During the winter months, hauling also includes the weight of snow and ice control equipment. The proposed unit would carry the volume of two plow trucks and make use of an existing tractor to haul material more efficiently.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 51,000 | | | | | 51,000 |
| Total | 51,000 | | | | | 51,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Water Fund | 25,500 | | | | | 25,500 |
| Water Resources Fund | 25,500 | | | | | 25,500 |
| Total | 51,000 | | | | | 51,000 |

Project # 15-CE-NEW2
Project Name New Utility Maintenance Vehicle

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

New utility maintenance vehicle for hydrant and other water utility maintenance.

Justification

Currently replaced vehicles are carried over as long as possible to provide utility maintenane personnel enough vehicles to perform maintenance activities. The addition of this vehicle would provide a maintenance truck year around.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 35,000 | | | | | 35,000 |
| Total | 35,000 | | | | | 35,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Water Fund | 35,000 | | | | | 35,000 |
| Total | 35,000 | | | | | 35,000 |

Project # 15-CE-NEW3
Project Name Street Maintenance Pickup

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

New pickup for Street Maintenance use.

Justification

The additional employee proposed for 2015 will need a daily work use vehicle.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 35,000 | | | | | 35,000 |
| Total | 35,000 | | | | | 35,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| General Fund | 35,000 | | | | | 35,000 |
| Total | 35,000 | | | | | 35,000 |

Project # 15-CE-NEW4
Project Name Tandem Axle Plow with Sander

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

New tandem axle truck with plow, box and de-icing equipment.

Justification

An increase in street mileage due to new development is driving the need for another dedicated snow plow route in northwest Plymouth.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 223,000 | | | | | 223,000 |
| Total | 223,000 | | | | | 223,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|----------------|-------------|-------------|-------------|-------------|----------------|
| General Project Fund (Gen. Fund Reserves) | 223,000 | | | | | 223,000 |
| Total | 223,000 | | | | | 223,000 |

Project # 15-CE-SQUADS
Project Name Police Squad Cars (2)

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2 squad cars @ \$40,000. The cost increase is reflective of the discontinuation of Ford Crown Victoria production. New squads may require new equipment and accessories.

Justification

Scheduled replacement in 2015. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 80,000 | | | | | 80,000 |
| Total | 80,000 | | | | | 80,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | 80,000 | | | | | 80,000 |
| Total | 80,000 | | | | | 80,000 |

Project # 16-CE-1700
Project Name Building Inspections Pickup

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Light duty 4X4 Colorado pickup.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 26,000 | | | | 26,000 |
| Total | | 26,000 | | | | 26,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 26,000 | | | | 26,000 |
| Total | | 26,000 | | | | 26,000 |

Project # 16-CE-280
Project Name Tandem Axle Plow with Sander

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Tandem axle dump truck used for snow removal, ice control and summer project support.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 250,000 | | | | 250,000 |
| Total | | 250,000 | | | | 250,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | | 250,000 | | | | 250,000 |
| Total | | 250,000 | | | | 250,000 |

Project # 16-CE-281
Project Name Tandem Axle Plow with Sander

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Tandem axle dump truck used for snow removal, ice control and summer project support.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 250,000 | | | | 250,000 |
| Total | | 250,000 | | | | 250,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | | 250,000 | | | | 250,000 |
| Total | | 250,000 | | | | 250,000 |

Project # 16-CE-303
Project Name Hydo-Seeder

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Hydro-seeder.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 35,000 | | | | 35,000 |
| Total | | 35,000 | | | | 35,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 35,000 | | | | 35,000 |
| Total | | 35,000 | | | | 35,000 |

Project # 16-CE-354
Project Name Jet/Vactor Truck and Attachments

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Jet/Vactor truck used by utilities.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 367,000 | | | | 367,000 |
| Total | | 367,000 | | | | 367,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | | 367,000 | | | | 367,000 |
| Total | | 367,000 | | | | 367,000 |

Project # 16-CE-366
Project Name Meter Repair Truck with Utility Box

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Chevy 1/2 ton pickup with utility box.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 32,000 | | | | 32,000 |
| Total | | 32,000 | | | | 32,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 32,000 | | | | 32,000 |
| Total | | 32,000 | | | | 32,000 |

Project # 16-CE-411
Project Name Building Inspections Pickup 4X4.

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Light duty building inspections 4X4 pickup.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 27,000 | | | | 27,000 |
| Total | | 27,000 | | | | 27,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 27,000 | | | | 27,000 |
| Total | | 27,000 | | | | 27,000 |

Project # 16-CE-576
Project Name Water Truck

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

1999 GMC Rosco 2000 gallon tanker for ice rink maint and for watering needs in the summer.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 185,000 | | | | 185,000 |
| Total | | 185,000 | | | | 185,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | | 185,000 | | | | 185,000 |
| Total | | 185,000 | | | | 185,000 |

Project # 16-CE-MOWER
Project Name Mower 6' with Broom

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Mower 6' with broom.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 55,000 | | | | 55,000 |
| Total | | 55,000 | | | | 55,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Central Equipment Fund | | 55,000 | | | | 55,000 |
| Total | | 55,000 | | | | 55,000 |

Project # 16-CE-SQUADS
Project Name Police Squad Cars (7)

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

7 squad cars @ \$40,000 each.

Justification

Scheduled replacement in 2016. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 280,000 | | | | 280,000 |
| Total | | 280,000 | | | | 280,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Central Equipment Fund | | 280,000 | | | | 280,000 |
| Total | | 280,000 | | | | 280,000 |

Project # 17-CE-1703
Project Name Police Investigations Pickup

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2009 Colorado investigations pickup.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 28,000 | | | 28,000 |
| Total | | | 28,000 | | | 28,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 28,000 | | | 28,000 |
| Total | | | 28,000 | | | 28,000 |

Project # 17-CE-1717
Project Name CSO 4x4 Pick up 2014

Department Central Equipment
Contact
Type Unassigned
Useful Life
Category Public Works
Priority

Description

Routine replacement after 100,000 miles

Justification

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 30,000 | | | 30,000 |
| Total | | | 30,000 | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 30,000 | | | 30,000 |
| Total | | | 30,000 | | | 30,000 |

Project # 17-CE-225
Project Name Excavator CX75

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Case CX 25 excavator with grapple and bucket.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | 150,000 | | | 150,000 |
| Total | | | 150,000 | | | 150,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Central Equipment Fund | | | 150,000 | | | 150,000 |
| Total | | | 150,000 | | | 150,000 |

Project # 17-CE-279
Project Name Single Axle Plow with Sander

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2003 Sterling dump with plow and sander.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | 230,000 | | | 230,000 |
| Total | | | 230,000 | | | 230,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Central Equipment Fund | | | 230,000 | | | 230,000 |
| Total | | | 230,000 | | | 230,000 |

Project # 17-CE-333
Project Name Back Hoe

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 John Deere 710 back hoe.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | 181,200 | | | 181,200 |
| Total | | | 181,200 | | | 181,200 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Central Equipment Fund | | | 181,200 | | | 181,200 |
| Total | | | 181,200 | | | 181,200 |

Project # 17-CE-361
Project Name Ford 3/4 Ton Pickup 4X2

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Ford 3/4 ton 4X2 pickup.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 35,000 | | | 35,000 |
| Total | | | 35,000 | | | 35,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 35,000 | | | 35,000 |
| Total | | | 35,000 | | | 35,000 |

Project # 17-CE-362
Project Name 3/4 Ton Pickup 4X4 w/Utility Box

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Ford F-250 3/4 ton pickup with utility box.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 34,300 | | | 34,300 |
| Total | | | 34,300 | | | 34,300 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 34,300 | | | 34,300 |
| Total | | | 34,300 | | | 34,300 |

Project # 17-CE-363
Project Name 3/4 Ton Pickup 4x4

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Chevy Silverado extended cab 3/4 ton pickup.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 32,400 | | | 32,400 |
| Total | | | 32,400 | | | 32,400 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 32,400 | | | 32,400 |
| Total | | | 32,400 | | | 32,400 |

Project # 17-CE-412
Project Name Building Inspections Pickup 4X4

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Light duty building inspections 4X4 pickup.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 28,000 | | | 28,000 |
| Total | | | 28,000 | | | 28,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 28,000 | | | 28,000 |
| Total | | | 28,000 | | | 28,000 |

Project # 17-CE-413
Project Name Building Inspections Pickup 4X4

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Light duty building inspections 4X4 pickup.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 28,000 | | | 28,000 |
| Total | | | 28,000 | | | 28,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 28,000 | | | 28,000 |
| Total | | | 28,000 | | | 28,000 |

Project # 17-CE-414
Project Name Building Inspections Pickup 4X4

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Light duty building inspections 4X4 pickup.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 28,000 | | | 28,000 |
| Total | | | 28,000 | | | 28,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 28,000 | | | 28,000 |
| Total | | | 28,000 | | | 28,000 |

Project # 17-CE-5004
Project Name Mower 16 '

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 16' Toro mower.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | 111,600 | | | 111,600 |
| Total | | | 111,600 | | | 111,600 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Central Equipment Fund | | | 111,600 | | | 111,600 |
| Total | | | 111,600 | | | 111,600 |

Project # 17-CE-560
Project Name Garbage Truck

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 6 yard packer garbage truck for Park Maintenance.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | 106,600 | | | 106,600 |
| Total | | | 106,600 | | | 106,600 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Central Equipment Fund | | | 106,600 | | | 106,600 |
| Total | | | 106,600 | | | 106,600 |

Project # 17-CE-562
Project Name Aerial Bucket Truck

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

1996 Versalift VST-4000I 45' working height, 1996 Ford F-800.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | 120,000 | | | 120,000 |
| Total | | | 120,000 | | | 120,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Central Equipment Fund | | | 120,000 | | | 120,000 |
| Total | | | 120,000 | | | 120,000 |

Project # 17-CE-568
Project Name 3/4 Ton Pickup 4x4

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Chevy 3/4 ton 4X4 pickup.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 32,400 | | | 32,400 |
| Total | | | 32,400 | | | 32,400 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 32,400 | | | 32,400 |
| Total | | | 32,400 | | | 32,400 |

Project # 17-CE-575
Project Name One Ton Truck with Lift Gate

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2008 F-350 4X4 with Tommy lift gate Model 91 chassis.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 54,900 | | | 54,900 |
| Total | | | 54,900 | | | 54,900 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 54,900 | | | 54,900 |
| Total | | | 54,900 | | | 54,900 |

Project # 17-CE-596
Project Name One Ton 4X4 with Plow and Lift Gate F-450

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2006 One ton 4X4 with plow and lift gate.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 72,000 | | | 72,000 |
| Total | | | 72,000 | | | 72,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 72,000 | | | 72,000 |
| Total | | | 72,000 | | | 72,000 |

Project # 17-CE-CSO
Project Name Police CSO 1/2 Ton Pickup

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Chevy 1/2 ton 4X2 pickup with topper.

Justification

Scheduled replacement in 2017. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 30,000 | | | 30,000 |
| Total | | | 30,000 | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Central Equipment Fund | | | 30,000 | | | 30,000 |
| Total | | | 30,000 | | | 30,000 |

Project # 17-CE-SQUADS
Project Name Police Squad Cars (7)

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

7 squad cars @ \$40,000 each.

Justification

Schedule replacement in 2017. Need to replace will be evaluated in the programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | 280,000 | | | 280,000 |
| Total | | | 280,000 | | | 280,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|----------------|-------------|-------------|----------------|
| Central Equipment Fund | | | 280,000 | | | 280,000 |
| Total | | | 280,000 | | | 280,000 |

Project # 18-CE-2000
Project Name One Ton Truck with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

One ton truck with box and plow used in Street Maintenance.

Justification

Scheduled replacement in 2018. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | | 79,000 | | 79,000 |
| Total | | | | 79,000 | | 79,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Central Equipment Fund | | | | 79,000 | | 79,000 |
| Total | | | | 79,000 | | 79,000 |

Project # 18-CE-203
Project Name 2000 624H JD Wheel Loader /plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2000 624H John Deere wheel loader with plow.

Justification

Scheduled replacement in 2018. Need to be replaced will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | | 300,000 | | 300,000 |
| Total | | | | 300,000 | | 300,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Central Equipment Fund | | | | 300,000 | | 300,000 |
| Total | | | | 300,000 | | 300,000 |

Project # 18-CE-3022
Project Name Jetter Vac

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Jetter Vac for small vacuuming of gate valves etc.

Justification

Scheduled replacement in 2018. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | | 32,800 | | 32,800 |
| Total | | | | 32,800 | | 32,800 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Central Equipment Fund | | | | 32,800 | | 32,800 |
| Total | | | | 32,800 | | 32,800 |

Project # 18-CE-360
Project Name One Ton with Plow and Contractor Box

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

One ton truck with plow and contractor box.

Justification

Scheduled replacement in 2018. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | | 85,000 | | 85,000 |
| Total | | | | 85,000 | | 85,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Central Equipment Fund | | | | 85,000 | | 85,000 |
| Total | | | | 85,000 | | 85,000 |

Project # 18-CE-364
Project Name Jetter Truck

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Routine replacement.

Justification

Scheduled replacement in 2018. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | | 200,800 | | 200,800 |
| Total | | | | 200,800 | | 200,800 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Central Equipment Fund | | | | 200,800 | | 200,800 |
| Total | | | | 200,800 | | 200,800 |

Project # 18-CE-365
Project Name One Ton Truck with Lift Gate

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2008 F-450 4X4 84" CA chassis with lift gate.

Justification

Scheduled replacement in 2018. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | | 74,000 | | 74,000 |
| Total | | | | 74,000 | | 74,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Central Equipment Fund | | | | 74,000 | | 74,000 |
| Total | | | | 74,000 | | 74,000 |

Project # 18-CE-5002
Project Name Wood Chipper

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2008 19" capacity Vermeer wood chipper.

Justification

Scheduled replacement in 2018. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | | 55,400 | | 55,400 |
| Total | | | | 55,400 | | 55,400 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Central Equipment Fund | | | | 55,400 | | 55,400 |
| Total | | | | 55,400 | | 55,400 |

Project # 18-CE-5003
Project Name Forestry Pickup

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2008 4X4 Colorado used by Forestry.

Justification

Scheduled replacement in 2018. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | | 26,400 | | 26,400 |
| Total | | | | 26,400 | | 26,400 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Central Equipment Fund | | | | 26,400 | | 26,400 |
| Total | | | | 26,400 | | 26,400 |

Project # 18-CE-598
Project Name One Ton 4X4 with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Justification

Scheduled replacement in 2018. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | | 94,000 | | 94,000 |
| Total | | | | 94,000 | | 94,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Central Equipment Fund | | | | 94,000 | | 94,000 |
| Total | | | | 94,000 | | 94,000 |

Project # 18-CE-SQUADS
Project Name Police Squad Cars (7)

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

7 squad cars @ \$40,000 each.

Justification

Schedule replacement in 2018. Need to replace will be evaluated in the programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | | 280,000 | | 280,000 |
| Total | | | | 280,000 | | 280,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Central Equipment Fund | | | | 280,000 | | 280,000 |
| Total | | | | 280,000 | | 280,000 |

Project # 19-CE-2004
Project Name Steel Drum Roller

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2009 3 ton steel drum roller.

Justification

Scheduled replacement in 2019. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 50,500 | 50,500 |
| Total | | | | | 50,500 | 50,500 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Central Equipment Fund | | | | | 50,500 | 50,500 |
| Total | | | | | 50,500 | 50,500 |

Project # 19-CE-285
Project Name Tandem Axle Plow with Sander

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2007 Allison tandem axle plow with sander.

Justification

Scheduled replacement in 2019. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Equip/Vehicles/Furnishings | | | | | 270,000 | 270,000 |
| Total | | | | | 270,000 | 270,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Central Equipment Fund | | | | | 270,000 | 270,000 |
| Total | | | | | 270,000 | 270,000 |

Project # 19-CE-367
Project Name Televising Van

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Routine replacement based on use and technological advances.

Justification

Scheduled replacement in 2019. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Equip/Vehicles/Furnishings | | | | | 214,000 | 214,000 |
| Total | | | | | 214,000 | 214,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Central Equipment Fund | | | | | 214,000 | 214,000 |
| Total | | | | | 214,000 | 214,000 |

Project # 19-CE-5005
Project Name 3/4 Ton Pickup with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2009 4X4 pickup with plow.

Justification

Scheduled replacement in 2019. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 39,500 | 39,500 |
| Total | | | | | 39,500 | 39,500 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Central Equipment Fund | | | | | 39,500 | 39,500 |
| Total | | | | | 39,500 | 39,500 |

Project # 19-CE-5006
Project Name 3/4 Ton Pickup with Plow

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2009 4X4 pickup with plow.

Justification

Scheduled replacement in 2019. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 39,500 | 39,500 |
| Total | | | | | 39,500 | 39,500 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Central Equipment Fund | | | | | 39,500 | 39,500 |
| Total | | | | | 39,500 | 39,500 |

Project # 19-CE-700
Project Name Fork Lift 6000 Pund Capacity

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2004 Komatsu Fork Lift.

Justification

Scheduled replacement in 2019. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 36,500 | 36,500 |
| Total | | | | | 36,500 | 36,500 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Central Equipment Fund | | | | | 36,500 | 36,500 |
| Total | | | | | 36,500 | 36,500 |

Project # 19-CE-NEW1
Project Name Park Maintenance Tool Cat with Snow Blower

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

New utility vehicle with snow removal equipment for Park Maintenance.

Justification

More trail plowing requires more equipment as well as plowing rinks and summer use for parks and forestry operations.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 60,000 | 60,000 |
| Total | | | | | 60,000 | 60,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Central Equipment Fund | | | | | 60,000 | 60,000 |
| Total | | | | | 60,000 | 60,000 |

Project # 19-CE-NEW2
Project Name Park Maintenance Utility Tractor with Snow Blower

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

New utility vehicle with snow removal equipment for Park Maintenance.

Justification

More trail plowing requires more equipment as well as plowing rinks and summer use for parks and forestry operations.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 71,000 | 71,000 |
| Total | | | | | 71,000 | 71,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Central Equipment Fund | | | | | 71,000 | 71,000 |
| Total | | | | | 71,000 | 71,000 |

Project # 19-CE-NEW3
Project Name Park Maintenance One Ton with Dump Box

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

New one ton with dump box and snow removal equipment for Park Maintenance.

Justification

Larger park system requires more equipment for parks and forestry operations.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Equip/Vehicles/Furnishings | | | | | 65,000 | 65,000 |
| Total | | | | | 65,000 | 65,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Central Equipment Fund | | | | | 65,000 | 65,000 |
| Total | | | | | 65,000 | 65,000 |

Project # 19-CE-SQUADS
Project Name Police Squad Cars (7)

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

7 squad cars @ \$43,000. The cost increase is reflective of the discontinuation of Ford Crown Victoria production. New squads may require new equipment and accessories.

Justification

Scheduled replacement in 2019. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Equip/Vehicles/Furnishings | | | | | 301,000 | 301,000 |
| Total | | | | | 301,000 | 301,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Central Equipment Fund | | | | | 301,000 | 301,000 |
| Total | | | | | 301,000 | 301,000 |

Project # 20-CE-5015
Project Name Mower 16 '

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

2012 Toro 5910 16' mower.

Justification

Scheduled replacement in 2020. Need to replace will be re-evaluated in programmed year.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Equip/Vehicles/Furnishings | | | | | 112,300 | 112,300 |
| Total | | | | | 112,300 | 112,300 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Central Equipment Fund | | | | | 112,300 | 112,300 |
| Total | | | | | 112,300 | 112,300 |

Project # 23-CE-038
Project Name Fire Ladder Fire Truck L-31

Department Central Equipment
Contact
Type Equipment
Useful Life
Category Public Works
Priority

Description

Fire Ladder Truck (L-31).

Justification

The chasis is 15 years old and the ladder is 25 years old.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|------------------|-------------|------------------|
| Equip/Vehicles/Furnishings | | | | 1,090,000 | | 1,090,000 |
| Total | | | | 1,090,000 | | 1,090,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|------------------|-------------|------------------|
| Central Equipment Fund | | | | 1,090,000 | | 1,090,000 |
| Total | | | | 1,090,000 | | 1,090,000 |

City of Plymouth, Minnesota
Capital Improvement Program

2015 thru 2019

PROJECTS & FUNDING SOURCES BY DEPARTMENT

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total | | |
|--|-----------|----------|----------------|------------------|------------------|----------------|------------------|------------------|---------|-----------|
| Facilities Management | | | | | | | | | | |
| Painting - City Wide | 07-FM-008 | n/a | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 | | |
| Seal Coating/Crack Sealing/Asphalt Repair | 08-FM-006 | n/a | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 | | |
| Misc. Concrete Replacement | 08-FM-007 | n/a | 40,000 | 40,000 | 40,000 | 40,000 | 50,000 | 210,000 | | |
| Replace 1995 Trane Air Conditioner - CH | 13-FM-001 | n/a | 95,000 | | | | | 95,000 | | |
| Chemical De-icing Mixing System | 14-FM-001 | n/a | 200,000 | | | | | 200,000 | | |
| Roof Inspections and Repairs | 14-FM-002 | n/a | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 | | |
| Replace Roof - Oakwood Shelter | 15-FM-001 | n/a | 12,000 | | | | | 12,000 | | |
| Replace Roof - Historical Building | 15-FM-002 | n/a | 25,000 | | | | | 25,000 | | |
| Replace Air Conditioners - Bass Lake | 15-FM-004 | n/a | 25,000 | | | | | 25,000 | | |
| Replace Radiant Heat at Public Works | 15-FM-006 | n/a | 55,000 | | | | | 55,000 | | |
| Replace Carpet at Public Works | 15-FM-008 | n/a | | | 16,000 | | | 16,000 | | |
| Replace Boiler at Fire Station 3 | 15-FM-009 | n/a | 30,000 | | | | | 30,000 | | |
| Replace Floor Drains at Public Works | 15-FM-011 | n/a | 50,000 | 50,000 | | | | 100,000 | | |
| Emergency Siren #13 | 15-FM-012 | n/a | 30,000 | | | | | 30,000 | | |
| Replace Boiler - Plymouth Creek Center | 15-FM-013 | n/a | 85,000 | | | | | 85,000 | | |
| Replace CO and NO Sensor - Public Works | 15-FM-014 | n/a | 30,000 | | | | | 30,000 | | |
| Public Works Maintenance Facility Expansion | 15-FM-015 | n/a | | 1,000,000 | 4,000,000 | | 2,000,000 | 7,000,000 | | |
| Repair/Replace City Hall Retaining Wall | 15-FM-016 | n/a | 100,000 | | | | | 100,000 | | |
| Replace Air Handling Unit at Fire Station 1 | 16-FM-001 | n/a | | | 50,000 | | | 50,000 | | |
| Replace Rooftop Unit - Plymouth Creek Center | 16-FM-002 | n/a | | 85,000 | | | | 85,000 | | |
| Emergency Siren #14 | 16-FM-003 | n/a | | 30,000 | | | | 30,000 | | |
| Replace Plymouth Creek Center Ballroom Divider | 17-FM-001 | n/a | | 82,000 | | | | 82,000 | | |
| Replace Luminaires/Parking Lot Lights at City Hall | 18-FM-001 | n/a | | | | | 30,000 | 30,000 | | |
| Replace Air Makeup Units at Public Works | 18-FM-002 | n/a | | | | 65,000 | | 65,000 | | |
| Remodel/Refurnish Public Works | 18-FM-003 | n/a | | | | 25,000 | | 25,000 | | |
| Replace Floor Tiles at Public Works | 18-FM-004 | n/a | | | | 30,000 | | 30,000 | | |
| Resurface Floor at Public Works Repair Center | 18-FM-005 | n/a | | | | 20,000 | | 20,000 | | |
| Resurface Concrete Floor - Public Works | 19-FM-001 | n/a | | | | | 65,000 | 65,000 | | |
| Replace Air Makeup Unit - Public Safety Garage | 19-FM-002 | n/a | | | | | 50,000 | 50,000 | | |
| Facilities Management Total | | | 932,000 | 1,442,000 | 4,261,000 | 335,000 | 2,350,000 | 9,320,000 | | |
| <i>Constrction Improvement Fund (CON 413)</i> | | | | | 4,000,000 | | | 4,000,000 | | |
| <i>Facilities Management</i> | | | | | 565,000 | 412,000 | 261,000 | 335,000 | 350,000 | 1,923,000 |
| <i>General Project Fund (Gen. Fund Reserves)</i> | | | | | 100,000 | 1,000,000 | | | | 1,100,000 |
| <i>Grants</i> | | | | | 200,000 | | | | | 200,000 |
| <i>Other</i> | | | | | | | | 2,000,000 | | 2,000,000 |
| <i>Park Replacement Fund</i> | | | | | 37,000 | | | | | 37,000 |
| <i>Resource Planning</i> | | | | | | 30,000 | | | | 30,000 |
| <i>Risk Management</i> | | | | | 30,000 | | | | | 30,000 |
| Facilities Management Total | | | 932,000 | 1,442,000 | 4,261,000 | 335,000 | 2,350,000 | 9,320,000 | | |

Project # 07-FM-008
Project Name Painting - City Wide

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This is a general allocation for all areas within the City. No specific facility is identified. Historically this amount of funding has been used to paint the areas that require repainting throughout the year.

Justification

This is maintenance painting only on an as needed basis. Outside painting helps preserve facilities from the outside elements.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Total | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Facilities Management | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Total | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |

Project # 08-FM-006
Project Name Seal Coating/Crack Sealing/Asphalt Repair

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would involve the sealcoating of parking lots for City facilities (City Hall, Plymouth Creek Center, park facilities, fire stations, etc.).

Justification

Sealcoating every 7 to 10 years greatly extends the life of asphalt and reduces major maintenance costs.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Total | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Facilities Management | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Total | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |

Project # 08-FM-007
Project Name Misc. Concrete Replacement

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would involve concrete replacement (sidewalks, curb, driveway aprons) for City facilities (City Hall, Plymouth Creek Center, park facilities, fire stations, etc.).

Justification

Sidewalks, curbs and driveway aprons are cracking and may cause hazards. The cracked and broken concrete leads to larger maintenance issues that often result in complete replacement.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | 40,000 | 40,000 | 40,000 | 40,000 | 50,000 | 210,000 |
| Total | 40,000 | 40,000 | 40,000 | 40,000 | 50,000 | 210,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Facilities Management | 40,000 | 40,000 | 40,000 | 40,000 | 50,000 | 210,000 |
| Total | 40,000 | 40,000 | 40,000 | 40,000 | 50,000 | 210,000 |

Project # 13-FM-001
Project Name Replace 1995 Trane Air Conditioner - CH

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The 25 ton Trane air conditioner at City Hall is scheduled for replacement in 2015.

Justification

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 95,000 | | | | | 95,000 |
| Total | 95,000 | | | | | 95,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Facilities Management | 95,000 | | | | | 95,000 |
| Total | 95,000 | | | | | 95,000 |

Project # 14-FM-001
Project Name Chemical De-icing Mixing System

Department Facilities Management
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

The project would provide for the purchase and implementation of a chemical mixing system for enhancing de-icing operations. Mutiple brines can be made for changing winter conditions.

Justification

Chemical de-icing is more efficient and more environmentally sensitive than the use of straight rock salt. De-icers also reduce the amount of rock salt used in storm events.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 200,000 | | | | | 200,000 |
| Total | 200,000 | | | | | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Grants | 200,000 | | | | | 200,000 |
| Total | 200,000 | | | | | 200,000 |

Project # 14-FM-002
Project Name Roof Inspections and Repairs

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

Inspect and repair roofs at City facilities including Public Works, City Hall and Fire Stations.

Justification

Roof replacement can be avoided under this preventative maintenance program.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Construction/Maintenance | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Total | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Facilities Management | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Total | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |

Project # 15-FM-001
Project Name Replace Roof - Oakwood Shelter

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The roof on the Oakwood Park shelter is scheduled for replacement in 2015.

Justification

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 12,000 | | | | | 12,000 |
| Total | 12,000 | | | | | 12,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Park Replacement Fund | 12,000 | | | | | 12,000 |
| Total | 12,000 | | | | | 12,000 |

Project # 15-FM-002
Project Name Replace Roof - Historical Building

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The roof on the Historical Building is scheduled for replacement in 2015.

Justification

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Facilities Management | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

Project # 15-FM-004
Project Name Replace Air Conditioners - Bass Lake

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The two 1.5 ton air conditioners at the Bass Lake Playfield are scheduled for replacement in 2015.

Justification

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Park Replacement Fund | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

Project # 15-FM-006
Project Name Replace Radiant Heat at Public Works

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would replace the radiant heating units in the garage area of the Maintenance Facility.

Justification

The existing radiant heat in the garage area was installed when the building was constructed in 1991.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 55,000 | | | | | 55,000 |
| Total | 55,000 | | | | | 55,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Facilities Management | 55,000 | | | | | 55,000 |
| Total | 55,000 | | | | | 55,000 |

Project # 15-FM-008
Project Name Replace Carpet at Public Works

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The carpet in the Maintenance Facility is due for replacement in 2015.

Justification

The carpet in the Maintenance Facility is 20 years old and needs to be replaced.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Construction/Maintenance | | | 16,000 | | | 16,000 |
| Total | | | 16,000 | | | 16,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Facilities Management | | | 16,000 | | | 16,000 |
| Total | | | 16,000 | | | 16,000 |

Project # 15-FM-009
Project Name Replace Boiler at Fire Station 3

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

Replace boiler at Fire Station 3.

Justification

The existing boiler is original 1989 equipment and would be replaced with more energy efficient equipment.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Facilities Management | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

Project # 15-FM-011
Project Name Replace Floor Drains at Public Works

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

Replace the existing floor drains in the garage at Public Works.

Justification

The floor drains at Public Works have deteriorated and are crumbling creating drainage and safety concerns.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 50,000 | 50,000 | | | | 100,000 |
| Total | 50,000 | 50,000 | | | | 100,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|---------------|-------------|-------------|-------------|----------------|
| Facilities Management | 50,000 | 50,000 | | | | 100,000 |
| Total | 50,000 | 50,000 | | | | 100,000 |

Project # 15-FM-012
Project Name Emergency Siren #13

Department Facilities Management
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project involves the installation of an emergency siren to serve an area that is currently in a dead spot for existing sirens. The dead spot is near CR 47 and Northwest Boulevard.

Justification

Staff has received complaints about the lack of coverage in northeast Plymouth.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Risk Management | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

Project # 15-FM-013
Project Name Replace Boiler - Plymouth Creek Center

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The boiler at the Plymouth Creek Center is scheduled for replacement in 2015.

Justification

The existing boiler will be 15 years old at the time of replacement. This boiler sees significant run times and wear. The boiler will be replaced with a more energy efficient unit.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 85,000 | | | | | 85,000 |
| Total | 85,000 | | | | | 85,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Facilities Management | 85,000 | | | | | 85,000 |
| Total | 85,000 | | | | | 85,000 |

Project # 15-FM-014
Project Name Replace CO and NO Sensor - Public Works

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The carbon monoxide and nitric oxide detectors in the vehicle storage area of Public Works are scheduled to be replaced in 2015.

Justification

The existing sensors are not working correctly and could pose a safety hazard if not replaced.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Facilities Management | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

Project # 15-FM-015
Project Name Public Works Maintenance Facility Expansion

Department Facilities Management
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would include an expansion to the Public Works Maintenance Facility. Phase 1 of the expansion would include vehicle storage additions to two areas, a semi-automated vehicle wash bay, and a two story office addition at the old water treatment plant, Phase 2 would include a vehicle storage addition to the old water treatment plant.

Justification

Facility expansion needs are documented in the Public Works Department Needs Assessment Study.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|------------------|------------------|-------------|------------------|------------------|
| Construction/Maintenance | | 1,000,000 | 4,000,000 | | 2,000,000 | 7,000,000 |
| Total | | 1,000,000 | 4,000,000 | | 2,000,000 | 7,000,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|-------------|------------------|------------------|-------------|------------------|------------------|
| Construction Improvement Fund (CON 413) | | | 4,000,000 | | | 4,000,000 |
| General Project Fund (Gen. Fund Reserves) | | 1,000,000 | | | | 1,000,000 |
| Other | | | | | 2,000,000 | 2,000,000 |
| Total | | 1,000,000 | 4,000,000 | | 2,000,000 | 7,000,000 |

Project # 15-FM-016
Project Name Repair/Replace City Hall Retaining Wall

Department Facilities Management
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project involves the removal or repair of the new retaining wall on the rear side of City Hall.

Justification

The existing retaining wall is leaning and bowing and is in a state of pending failure.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 100,000 | | | | | 100,000 |
| Total | 100,000 | | | | | 100,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|----------------|-------------|-------------|-------------|-------------|----------------|
| General Project Fund (Gen. Fund Reserves) | 100,000 | | | | | 100,000 |
| Total | 100,000 | | | | | 100,000 |

Project # 16-FM-001
Project Name Replace Air Handling Unit at Fire Station 1

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would replace two air handling units at Fire Station No. 1.

Justification

The 7.5 ton and 5 ton air handling units at Fire Station No. 1 will be 25 years old in 2016 and will be replaced if conditions warrant.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Construction/Maintenance | | | 50,000 | | | 50,000 |
| Total | | | 50,000 | | | 50,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Facilities Management | | | 50,000 | | | 50,000 |
| Total | | | 50,000 | | | 50,000 |

Project # 16-FM-002
Project Name Replace Rooftop Unit - Plymouth Creek Center

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The rooftop unit at the Plymouth Creek Center is scheduled for replacement in 2015.

Justification

The existing rooftop unit will be 15 years old at the time of replacement. This unit sees significant run times and wear. The unit will be replaced with a more energy efficient unit.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | | 85,000 | | | | 85,000 |
| Total | | 85,000 | | | | 85,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Facilities Management | | 85,000 | | | | 85,000 |
| Total | | 85,000 | | | | 85,000 |

Project # 16-FM-003
Project Name Emergency Siren #14

Department Facilities Management
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project involves the installation of an emergency siren to servethe northwest area of the city. Tentative locations are the intersection of Troy Lane and CR 47 or the proposed elementary school/park site near Lawndale Lane and CR 47.

Justification

The last emergency siren will serve the most northwest area of the city.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Resource Planning | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

Project # 17-FM-001
Project Name Replace Plymouth Creek Center Ballroom Divider

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The project would involve the replacement of the motorized room dividers in the Plymouth Creek Center Ballroom. The dividers separate the room into three rooms.

Justification

The doors require routine maintenance to keep them operational. The doors are critical to operations.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | | 82,000 | | | | 82,000 |
| Total | | 82,000 | | | | 82,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Facilities Management | | 82,000 | | | | 82,000 |
| Total | | 82,000 | | | | 82,000 |

Project # 18-FM-001
Project Name Replace Luminaires/Parking Lot Lights at City Hall

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

Replace the existing luminaires (36) on the City Hall parking lot lights.

Justification

Recent energy efficiency upgrades are not working well. The induction lighting system does not work in cold weather. Will likely be replaced with LED lighting.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Construction/Maintenance | | | | | 30,000 | 30,000 |
| Total | | | | | 30,000 | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Facilities Management | | | | | 30,000 | 30,000 |
| Total | | | | | 30,000 | 30,000 |

Project # 18-FM-002
Project Name Replace Air Makeup Units at Public Works

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

Replace the existing air makeup units in the Public Works north end garage addition.

Justification

The existing heat exchanger is rotting out and needs to be replaced.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Construction/Maintenance | | | | 65,000 | | 65,000 |
| Total | | | | 65,000 | | 65,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Facilities Management | | | | 65,000 | | 65,000 |
| Total | | | | 65,000 | | 65,000 |

Project # 18-FM-003
Project Name Remodel/Refurnish Public Works

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

Remodel and refurnish Public Works office area.

Justification

Public Works office area was remodeled using used furnishings in 2007. The office area is very noisy and disruptive.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Construction/Maintenance | | | | 25,000 | | 25,000 |
| Total | | | | 25,000 | | 25,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Facilities Management | | | | 25,000 | | 25,000 |
| Total | | | | 25,000 | | 25,000 |

Project # 18-FM-004
Project Name Replace Floor Tiles at Public Works

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The floor tiles in the lunchroom, hallway, map room and locker rooms.

Justification

The floor tiles are original and are coming loose and discoloring.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Construction/Maintenance | | | | 30,000 | | 30,000 |
| Total | | | | 30,000 | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Facilities Management | | | | 30,000 | | 30,000 |
| Total | | | | 30,000 | | 30,000 |

Project # 18-FM-005
Project Name Resurface Floor at Public Works Repair Center

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

Resurface the floor in the equipment repair center.

Justification

The existing floor surfacing is stripping and chipping.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Construction/Maintenance | | | | 20,000 | | 20,000 |
| Total | | | | 20,000 | | 20,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Facilities Management | | | | 20,000 | | 20,000 |
| Total | | | | 20,000 | | 20,000 |

Project # 19-FM-001
Project Name Resurface Concrete Floor - Public Works

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The concrete floor in the vehicle storage area is scheduled for resurfacing in 2019. This will be the first resurfacing of the concrete.

Justification

The existing concrete surface will be 30 years old at the time of resurfacing. The floor gets a great deal of traffic and is swept nearly continuously.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Construction/Maintenance | | | | | 65,000 | 65,000 |
| Total | | | | | 65,000 | 65,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Facilities Management | | | | | 65,000 | 65,000 |
| Total | | | | | 65,000 | 65,000 |

Project # 19-FM-002
Project Name Replace Air Makeup Unit - Public Safety Garage

Department Facilities Management
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The air makeup unit in the underground garage at Public Safety is scheduled for replacement in 2019.

Justification

The existing air makeup unit will be 13 years old at the time of replacement.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Construction/Maintenance | | | | | 50,000 | 50,000 |
| Total | | | | | 50,000 | 50,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|---------------|---------------|
| Facilities Management | | | | | 50,000 | 50,000 |
| Total | | | | | 50,000 | 50,000 |

City of Plymouth, Minnesota
Capital Improvement Program
2015 thru 2019

PROJECTS & FUNDING SOURCES BY DEPARTMENT

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|-----------------|-----------------|----------------|----------------|---------------|----------------|-------------|------------------|
| Information Technology | | | | | | | | |
| Replace Network Infrastructure | 11-IT-001 | n/a | | 150,000 | | | | 150,000 |
| Fiberoptic Telecommunication Interconnect | 11-IT-006 | n/a | 100,000 | | | | | 100,000 |
| Replace Portable 800 MHz Radios | 12-IT-001 | n/a | 75,000 | | | | | 75,000 |
| Fire Scheduling Software | 14-IT-004 | n/a | 30,000 | | | | | 30,000 |
| Replace SAN | 15-IT-001 | n/a | | 110,000 | | | | 110,000 |
| Server for Virtual Desktop Implementation (VDI) | 15-IT-002 | n/a | 20,000 | | | | | 20,000 |
| Time and Attendance System | 15-IT-003 | n/a | 30,000 | | | | | 30,000 |
| Intrusion and Detection System | 15-IT-004 | n/a | 30,000 | | | | | 30,000 |
| Replace Exchange 2010 Server | 15-IT-005 | n/a | 40,000 | | | | | 40,000 |
| Replace GIS Server | 15-IT-006 | n/a | 25,000 | | | | | 25,000 |
| Purchase Additional Storage Area Network (SAN) | 15-IT-007 | n/a | 125,000 | | | | | 125,000 |
| Replace Park and Recreation Registration Software | 15-IT-009 | n/a | 100,000 | | | | | 100,000 |
| Replace Utility Billing System | 15-IT-010 | n/a | 200,000 | | | | | 200,000 |
| Replace Permitting System | 15-IT-011 | n/a | | 200,000 | | | | 200,000 |
| Migration to Hennepin County CAMA System | 16-IT-001 | n/a | | 300,000 | | | | 300,000 |
| Replace Production Image Scanners | 17-IT-001 | n/a | | | 27,000 | | | 27,000 |
| Replace 2 NetApp Appliances | 18-IT-001 | n/a | | | | 100,000 | | 100,000 |
| Information Technology Total | | | 775,000 | 760,000 | 27,000 | 100,000 | | 1,662,000 |
| <i>Information Technology Fund</i> | | | 700,000 | 760,000 | 27,000 | 100,000 | | 1,587,000 |
| <i>Resource Planning</i> | | | 75,000 | | | | | 75,000 |
| Information Technology Total | | | 775,000 | 760,000 | 27,000 | 100,000 | | 1,662,000 |
| Grand Total | | | 775,000 | 760,000 | 27,000 | 100,000 | | 1,662,000 |

Project # 11-IT-001
Project Name Replace Network Infrastructure

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

Network infrastructure needs to be replaced every 8 years. This project provides funding on that basis.

Justification

Network infrastructure will be due for replacement in 2016. Replacement parts and technology upgrades make repairs difficult resulting in unreliable phone service.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 150,000 | | | | 150,000 |
| Total | | 150,000 | | | | 150,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Information Technology Fund | | 150,000 | | | | 150,000 |
| Total | | 150,000 | | | | 150,000 |

Project # 11-IT-006
Project Name Fiberoptic Telecommunication Interconnect

Department Information Technology
Contact
Type Improvement/Acquisition
Useful Life
Category Administration
Priority

Description

This project would link by fiberoptic cable all City facilities with telecommunication needs together with connections to Wayzata and Robbinsdale School Districts as well as to LOGIS. This interconnectivity would improve reliability in communications and create redundancies in systems. The 2016 project would create a redundant link between City Hall and Public Works as the current fiber is near capacity and has been hit several times.

Justification

The Wayzata School District is installing a large loop of fiberoptic cable to connect all of their facilities and provide for redundancy. The City could make use of portions of their proposed cable to connect City facilities with telecommunication needs. The Water Fund would construct the portion of the project between WHS and the Vicksburg Reservoir.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 100,000 | | | | | 100,000 |
| Total | 100,000 | | | | | 100,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Information Technology Fund | 100,000 | | | | | 100,000 |
| Total | 100,000 | | | | | 100,000 |

Project # 12-IT-001
Project Name Replace Portable 800 MHz Radios

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

This project is the required replacement of 100+ 800 MHz radios for the Police, Fire and Public Works Departments. Cost will be based on actual replacements.

Justification

The 800 MHz radios were purchased with grant funds. The replacement schedule for the radios is consistent with Hennepin County's replacement schedule. The manufacturer of the radios will no longer support the current models.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 75,000 | | | | | 75,000 |
| Total | 75,000 | | | | | 75,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Resource Planning | 75,000 | | | | | 75,000 |
| Total | 75,000 | | | | | 75,000 |

Project # 14-IT-004
Project Name Fire Scheduling Software

Department Information Technology
Contact
Type Equipment
Useful Life
Category Administration
Priority

Description

Initial cost for purchase/start up of scheduling software for the Fire Duty Crew program. Additional allocation for system support in initial cost with an estimated allocation of \$4,000 to \$5,000 annually for system support and software upgrades.

Justification

Currently all Duty Crew scheduling is done manually including bid sheets, seniority, quarterly bidding lists, manual conversions and daily shift reports, entry of bid sheets into bi-monthly schedule and schedule updates due to shift trades and changes. All payroll documentation is also completed in paper form for review and hand entry. 6 to 8 hours are spent per month managing schedules and 4 to 6 hours are spent per quarter on the bid/seniority list. This software will streamline the process and minimize manual effort.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Information Technology Fund | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

Project # 15-IT-001
Project Name Replace SAN

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

This project would replace the SAN.

Justification

By 2015 the SAN will have provided nine years of service. These devices are not subject to a specific end of life schedule. IT must continue to update firmware, apply software patches, and monitor service releases. SAN's are dependent on the ever evolving hard drive storage technologies. Every year hard drive capacities and speeds increase. If more disk space is needed, higher capacity drives will be required.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 110,000 | | | | 110,000 |
| Total | | 110,000 | | | | 110,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Information Technology Fund | | 110,000 | | | | 110,000 |
| Total | | 110,000 | | | | 110,000 |

Project # 15-IT-002
Project Name Server for Virtual Desktop Implementation (VDI)

Department Information Technology
Contact
Type Equipment
Useful Life
Category Administration
Priority

Description

Technology exists that allows many virtual desktops to run on a single piece of hardware. This enables a more secure, centrally managed desktop environment and also reduces the need to purchase desktop computers.

Justification

This purchase reduces support, speeds deployment of desktops and reduces the amount of desktop computers.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 20,000 | | | | | 20,000 |
| Total | 20,000 | | | | | 20,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Information Technology Fund | 20,000 | | | | | 20,000 |
| Total | 20,000 | | | | | 20,000 |

Project # 15-IT-003
Project Name Time and Attendance System

Department Information Technology
Contact
Type Equipment
Useful Life
Category Administration
Priority

Description

Currently all employees except police track and report time via manual processes whereby time is hand keyed into the payroll system. Leave requests are also handled manually using carbon copy forms. Technology exists to automate scheduling, leave requests and import into the payroll system.

Justification

It currently takes 2-3 days to hand enter all timesheets submitted on paper for each pay period. Review and approving electronically would eliminate the need to hand key all of the timesheets.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Information Technology Fund | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

Project # 15-IT-004
Project Name Intrusion and Detection System

Department Information Technology
Contact
Type Equipment
Useful Life
Category Administration
Priority

Description

The city employs a number of security measures to comply with the Bureau of Criminal Apprehension (BCA). The next step in safeguarding the data for the city is to add systems that detect and thwart network intrusion attempts.

Justification

This will be required technology to meet compliance with credit cards companies, BCA and LOGIS.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Information Technology Fund | 30,000 | | | | | 30,000 |
| Total | 30,000 | | | | | 30,000 |

Project # 15-IT-005
Project Name Replace Exchange 2010 Server

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

This project will replace the existing email server..

Justification

The existing email server was installed in 2009 and will no longer be supported in 2015.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Information Technology Fund | 40,000 | | | | | 40,000 |
| Total | 40,000 | | | | | 40,000 |

Project # 15-IT-006
Project Name Replace GIS Server

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

Replace the existing GIS server.

Justification

The existing GIS server has exceeded its useful life and should be replaced.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Information Technology Fund | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

Project # 15-IT-007
Project Name Purchase Additional Storage Area Network (SAN)

Department Information Technology
Contact
Type Improvement/Acquisition
Useful Life
Category Administration
Priority

Description

This purchase will replace the Compellant disk array that is at the end of its useful life. It will further expand data storage and redundancy for video, files, emails and other city data.

Justification

The current SAN is 7 years old and at the end of its useful life and should be replaced. It is no longer supported by the vendor. The replacement will also accommodate increasing data storage needs.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 125,000 | | | | | 125,000 |
| Total | 125,000 | | | | | 125,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Information Technology Fund | 125,000 | | | | | 125,000 |
| Total | 125,000 | | | | | 125,000 |

Project # 15-IT-009
Project Name Replace Park and Recreation Registration Software

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

Replace Parks and Recreation software that is used for program registration, facility rentals, sports team management and web-based customer self-service.

Justification

The current vendor notified the city that they will no longer make or support the software after November, 2017. This is the main software used to conduct parks and recreation business and is critical to operations.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 100,000 | | | | | 100,000 |
| Total | 100,000 | | | | | 100,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Information Technology Fund | 100,000 | | | | | 100,000 |
| Total | 100,000 | | | | | 100,000 |

Project # 15-IT-010
Project Name Replace Utility Billing System

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

Replace the aging utility billing software.

Justification

The current utility billing system is 18 years old and lacks many desirable features such as integration into the city's financial system, advanced reporting and customer self-service. The current vendor is unable to meet many of the city's requirements.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 200,000 | | | | | 200,000 |
| Total | 200,000 | | | | | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Information Technology Fund | 200,000 | | | | | 200,000 |
| Total | 200,000 | | | | | 200,000 |

Project # 15-IT-011
Project Name Replace Permitting System

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

Replace current permitting and inspection system with one that accomodates online permitting and inspection scheduling.

Justification

The current utility billing system is 18 years old and lacks many desirable features such as integration into the city's financial system, advanced reporting and customer self-service. The current vendor has made several attempts to implement online permitting but is unable to meet the city's requirements.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 200,000 | | | | 200,000 |
| Total | | 200,000 | | | | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Information Technology Fund | | 200,000 | | | | 200,000 |
| Total | | 200,000 | | | | 200,000 |

Project # 16-IT-001
Project Name Migration to Hennepin County CAMA System

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

The assessing division seeks to consolidate land management and appraisal systems into the system that Hennepin County is implementing.

Justification

MS Govern has been the system used since 1997 and is cumbersome to support. Moving to the county system brings consistency, provides standardized report and offloads some system support and development.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | 300,000 | | | | 300,000 |
| Total | | 300,000 | | | | 300,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Information Technology Fund | | 300,000 | | | | 300,000 |
| Total | | 300,000 | | | | 300,000 |

Project # 17-IT-001
Project Name Replace Production Image Scanners

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

Several high speed scanners were purchased in 2012 and have a lifespan of 5 years. They are used for the document management system.

Justification

The current scanners will be obsolete and parts and support will be difficult to obtain.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | | 27,000 | | | 27,000 |
| Total | | | 27,000 | | | 27,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|-------------|-------------|---------------|-------------|-------------|---------------|
| Information Technology Fund | | | 27,000 | | | 27,000 |
| Total | | | 27,000 | | | 27,000 |

Project # 18-IT-001
Project Name Replace 2 NetApp Appliances

Department Information Technology
Contact
Type Repair/Replacement
Useful Life
Category Administration
Priority

Description

The NetApp appliances are critical pieces of the city computing infrastructure and serve as the main and backup storage for nearly all city servers and also act as the primary/recovery systems for our business continuity plan.

Justification

These appliances will no longer be supported by the vendor.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Equip/Vehicles/Furnishings | | | | 100,000 | | 100,000 |
| Total | | | | 100,000 | | 100,000 |

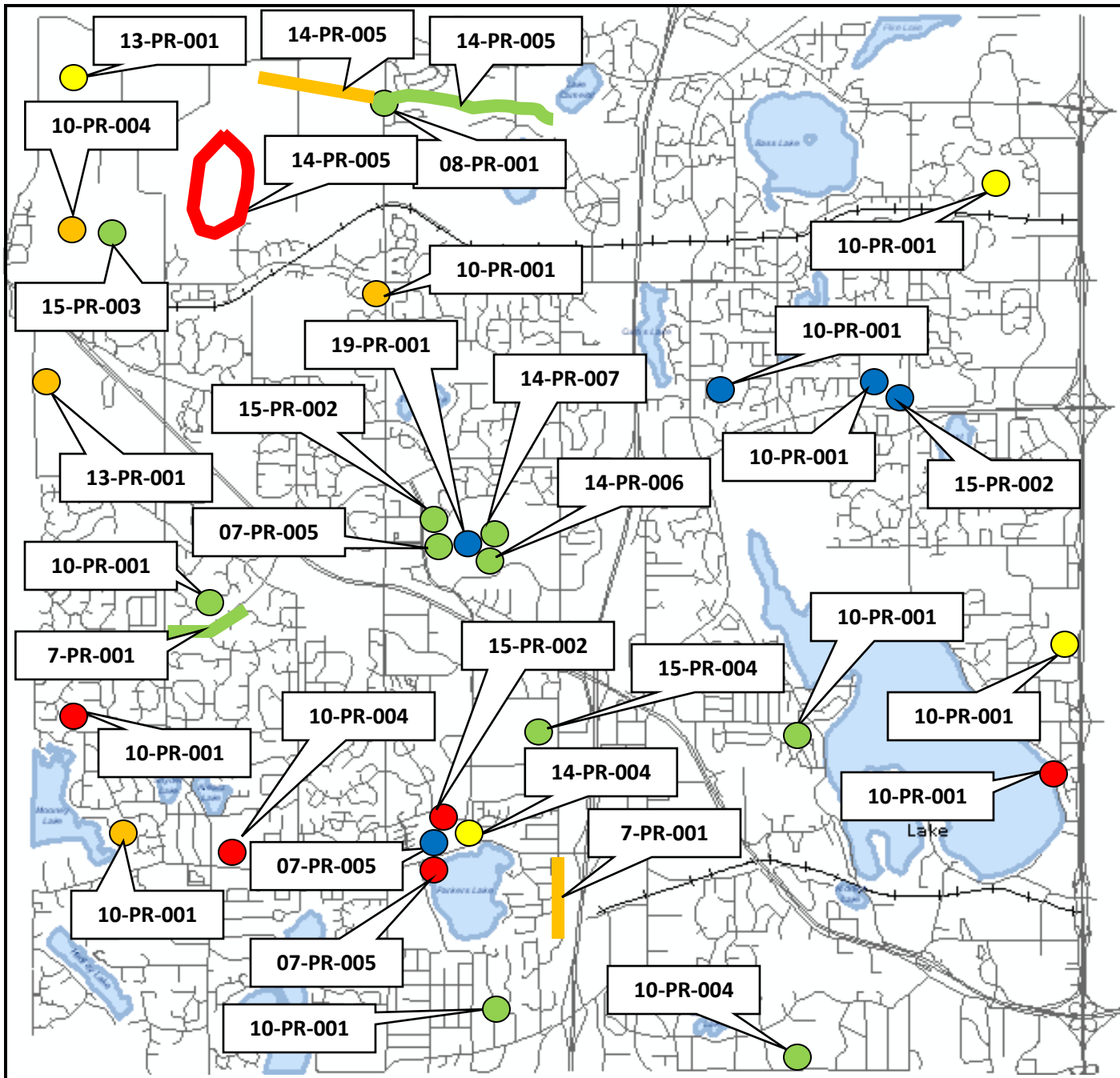
| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------------------------|-------------|-------------|-------------|----------------|-------------|----------------|
| Information Technology Fund | | | | 100,000 | | 100,000 |
| Total | | | | 100,000 | | 100,000 |

City of Plymouth, Minnesota
Capital Improvement Program

2015 thru 2019

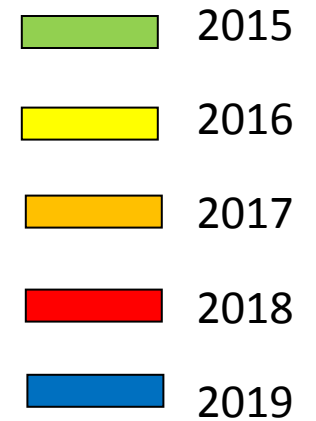
PROJECTS & FUNDING SOURCES BY DEPARTMENT

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|------------|----------|-------------------|------------------|------------------|------------------|------------------|-------------------|
| Parks and Recreation | | | | | | | | |
| New Trails | 07-PR-001 | n/a | 100,000 | 260,000 | 35,000 | 300,000 | | 695,000 |
| Land Acquisition | 07-PR-003 | n/a | 3,595,000 | 400,000 | 400,000 | 400,000 | 400,000 | 5,195,000 |
| Trail Repair | 07-PR-004 | n/a | 200,000 | 205,000 | 205,000 | 210,000 | 210,000 | 1,030,000 |
| Replace Irrigation Systems | 07-PR-005 | n/a | 150,000 | | | 50,000 | 200,000 | 400,000 |
| Trail Crossing | 08-PR-001 | n/a | 1,600,000 | | | | | 1,600,000 |
| Playground Replacement or Renovation | 10-PR-001 | n/a | 295,000 | 200,000 | 210,000 | 500,000 | 500,000 | 1,705,000 |
| Add/Replace Outdoor Hockey Rinks | 10-PR-004 | n/a | 300,000 | | 300,000 | 300,000 | | 900,000 |
| Miscellaneous Park Improvements | 10-PR-008 | n/a | 100,000 | 76,000 | 100,000 | 70,000 | 55,000 | 401,000 |
| Replace Ice Center Zambonis | 13-PIC-001 | n/a | 130,000 | | | | 140,000 | 270,000 |
| Neighborhood Parks | 13-PR-001 | n/a | 125,000 | 400,000 | 420,000 | | | 945,000 |
| Relace Ice Center Rubber Flooring | 14-PIC-001 | n/a | 54,000 | | 65,000 | | | 119,000 |
| Replace Ice Center Dehumidifier Desiccant Wheels | 14-PIC-003 | n/a | | 27,000 | | | | 27,000 |
| Replace Miscellaneous Boardwalks | 14-PR-003 | n/a | 30,000 | 30,000 | 35,000 | 25,000 | 30,000 | 150,000 |
| Tennis Court Repair | 14-PR-004 | n/a | | 240,000 | | | | 240,000 |
| Northwest Greenway Trail | 14-PR-005 | n/a | 700,000 | 650,000 | | 1,200,000 | | 2,550,000 |
| Millennium Garden Enhancements | 14-PR-006 | n/a | 25,000 | | | | | 25,000 |
| Plymouth Creek Center Furnishings and Equipment | 14-PR-007 | n/a | 25,000 | | | | | 25,000 |
| Ice Center Refrigerant Conversion | 15-PIC-001 | n/a | 800,000 | | | | | 800,000 |
| Ice Center Olympic Rink Conversion | 15-PIC-002 | n/a | 650,000 | | | | | 650,000 |
| Parking Lot Repair/Replacement | 15-PR-002 | n/a | 500,000 | | | 350,000 | 550,000 | 1,400,000 |
| Outdoor Turf Field | 15-PR-003 | n/a | 1,000,000 | | | | | 1,000,000 |
| Yard Waste Site Pad | 15-PR-004 | n/a | 60,000 | | | | | 60,000 |
| Replace Ice Center Roof Top Air Handler | 16-PIC-001 | n/a | | 75,000 | | | | 75,000 |
| Replace Ice Center Roof | 16-PIC-002 | n/a | 1,250,000 | | | | | 1,250,000 |
| RUPP Roof Air-Exchange/Handler | 16-PIC-003 | n/a | | 28,000 | | | | 28,000 |
| Ice Center Energy Management System | 16-PIC-004 | n/a | | 30,000 | | | | 30,000 |
| Replace Ice Center Dasher Boards | 17-PIC-001 | n/a | 70,000 | | | | 75,000 | 145,000 |
| Replace Ice Center Scoreboards | 18-PIC-001 | n/a | | | | 32,000 | | 32,000 |
| Fieldhouse Dome Replacement | 19-PR-001 | n/a | | | | | 500,000 | 500,000 |
| Parks and Recreation Total | | | 11,759,000 | 2,621,000 | 1,770,000 | 3,437,000 | 2,660,000 | 22,247,000 |
| <i>Bonds</i> | | | 3,295,000 | | | | | 3,295,000 |
| <i>Capital Improvement Fund (FND 409)</i> | | | 2,500,000 | | | | | 2,500,000 |
| <i>Field House Fund</i> | | | | | | | 500,000 | 500,000 |
| <i>Ice Center Fund</i> | | | 254,000 | 160,000 | 65,000 | 32,000 | 215,000 | 726,000 |
| <i>Other</i> | | | 1,725,000 | | | | | 1,725,000 |
| <i>Park Dedication Fund</i> | | | 2,325,000 | 1,710,000 | 1,155,000 | 1,900,000 | 400,000 | 7,490,000 |
| <i>Park Replacement Fund</i> | | | 1,600,000 | 751,000 | 550,000 | 1,505,000 | 1,545,000 | 5,951,000 |
| <i>Solid Waste</i> | | | 60,000 | | | | | 60,000 |
| Parks and Recreation Total | | | 11,759,000 | 2,621,000 | 1,770,000 | 3,437,000 | 2,660,000 | 22,247,000 |



2015-2019 Capital Improvement Program

Park and Recreation Projects



Note: Not all CIP projects shown on map.



Project # 07-PR-001
Project Name New Trails

Department Parks and Recreation
Contact
Type Improvement/Acquisition
Useful Life
Category Parks and Recreation
Priority

Description

Construct additional trails to expand the current system in accordance with the Comprehensive Plan.
 2015-CSAH 24
 2017-Fernbrook Lane from CSAH 6 to Luce Line as part of the TAP grant

Justification

New trails generally link gaps in the existing trail system. All future trails are shown on the Comprehensive Plan and Trail Gap Plan.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|---------------|----------------|-------------|----------------|
| Construction/Maintenance | 100,000 | 260,000 | 35,000 | 300,000 | | 695,000 |
| Total | 100,000 | 260,000 | 35,000 | 300,000 | | 695,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|---------------|----------------|-------------|----------------|
| Park Dedication Fund | 100,000 | 260,000 | 35,000 | 300,000 | | 695,000 |
| Total | 100,000 | 260,000 | 35,000 | 300,000 | | 695,000 |

Project # 07-PR-003
Project Name Land Acquisition

Department Parks and Recreation
Contact
Type Improvement/Acquisition
Useful Life
Category Parks and Recreation
Priority

Description

The City plans to acquire land in northwest Plymouth for the Northwest Greenway Corridor and neighborhood parks. Some of this land will be acquired through dedication but the remainder will need to be purchased utilizing open space referendum bonds. Staff anticipates that most, if not all of the land acquisition will occur in the next several years. As of 12/31/10 - \$3,295,000 of referendum bonds remains.

Justification

Acquisition of land for the Northwest Greenway Corridor and neighborhood parks is anticipated in the Comprehensive Plan and Park Facilities Plan.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| Land Acquisition | 3,595,000 | 400,000 | 400,000 | 400,000 | 400,000 | 5,195,000 |
| Total | 3,595,000 | 400,000 | 400,000 | 400,000 | 400,000 | 5,195,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| Bonds | 3,295,000 | | | | | 3,295,000 |
| Park Dedication Fund | 300,000 | 400,000 | 400,000 | 400,000 | 400,000 | 1,900,000 |
| Total | 3,595,000 | 400,000 | 400,000 | 400,000 | 400,000 | 5,195,000 |

Project # 07-PR-004
Project Name Trail Repair

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Funding is provided in all five years of the CIP for repairs of trails. Locations of repair have not yet been determined. Staff prioritizes the trails in need of repair each year.

Justification

The park system contains about 130 miles of trails. The average life of each section of trail or parking lot is about 15-20 years. Many of the trails are starting to deteriorate.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 200,000 | 205,000 | 205,000 | 210,000 | 210,000 | 1,030,000 |
| Total | 200,000 | 205,000 | 205,000 | 210,000 | 210,000 | 1,030,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Park Replacement Fund | 200,000 | 205,000 | 205,000 | 210,000 | 210,000 | 1,030,000 |
| Total | 200,000 | 205,000 | 205,000 | 210,000 | 210,000 | 1,030,000 |

Project # 07-PR-005
Project Name Replace Irrigation Systems

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

A multi-year program to replace failed or failing irrigation systems in the parks and at playfields:

- 2015- LifeTime Fitness/Ice Center
- 2018- Parkers Lake Park
- 2019- Parkers Lake Playfield

After further evaluation of the irrigation systems, replacement has been delayed and reprioritized to stabilize the park replacement fund. The LifeTime Fitness/Ice Center irrigation system has been added as a necessary project and is the most problematic. The system should be replaced in coordination with the parking lot replacement project in an effort to maximize potential cost savings.

Justification

The irrigation systems installed in the City's parks and playfields are aging and have been experiencing more and more problems. This program should return the systems to a dependable condition.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|---------------|----------------|----------------|
| Construction/Maintenance | 150,000 | | | 50,000 | 200,000 | 400,000 |
| Total | 150,000 | | | 50,000 | 200,000 | 400,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|---------------|----------------|----------------|
| Park Replacement Fund | 150,000 | | | 50,000 | 200,000 | 400,000 |
| Total | 150,000 | | | 50,000 | 200,000 | 400,000 |

Project # 08-PR-001
Project Name Trail Crossing

Department Parks and Recreation
Contact
Type Improvement/Acquisition
Useful Life
Category Parks and Recreation
Priority

Description

This project would fund a trail crossing under or over roadways. In 2015 - NWG pedestrian bridge over Vicksburg Lane.

Justification

These projects would create a safe route for pedestrian traffic to cross higher volume/busy roadways.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Construction/Maintenance | 1,600,000 | | | | | 1,600,000 |
| Total | 1,600,000 | | | | | 1,600,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Park Dedication Fund | 1,600,000 | | | | | 1,600,000 |
| Total | 1,600,000 | | | | | 1,600,000 |

Project # 10-PR-001
Project Name Playground Replacement or Renovation

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

This project replaces or renovates existing playground structures. Renovation may include painting, resurfacing, layout adjustment and/or additional features. Replacement provides for full removal and new equipment. Based on the condition of the structures, neighborhood parks will be renovated and city parks will be replaced.

Schedule projects: 2015-Heather Ponds and Circle and Hemlock and \$25,000 for Kimberly Lane Elementary School request; 2016-Sunrise and Three Ponds; 2017-Gateway and Imperial Hills, 2018-East Medicine Lake (incorporates a splash pad) and Green Oaks; 2019-Zachary Park & Swan Lake

Justification

Playgrounds have about a 17-year life. The replacement or renovation will ensure a continued safe play environment for our youth.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 295,000 | 200,000 | 210,000 | 500,000 | 500,000 | 1,705,000 |
| Total | 295,000 | 200,000 | 210,000 | 500,000 | 500,000 | 1,705,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Park Replacement Fund | 295,000 | 200,000 | 210,000 | 500,000 | 500,000 | 1,705,000 |
| Total | 295,000 | 200,000 | 210,000 | 500,000 | 500,000 | 1,705,000 |

Project # 10-PR-004
Project Name Add/Replace Outdoor Hockey Rinks

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

We are downsizing from 11 outdoor hockey rinks to 6 rinks. The 6 rinks will be geographically spaced throughout the community and built to a higher quality. Plymouth Creek Park rink was replaced in 2010; Zachary Park rink in 2011. Additional rinks projected for replacement include Ridgemount (2015), Elm Creek Park (2017) and Oakwood (2018).
 Park Dedication funds will be used for the Elm Creek facility. The remaining rink facilities will use Park Replacement fund for the replacement costs and Park Dedication will be used to fund the upgrade costs for the new rinks.

Justification

All of the existing hockey rinks are approaching 30 years of age and need to be replaced.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|----------------|----------------|-------------|----------------|
| Construction/Maintenance | 300,000 | | 300,000 | 300,000 | | 900,000 |
| Total | 300,000 | | 300,000 | 300,000 | | 900,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|----------------|----------------|-------------|----------------|
| Park Dedication Fund | | | 300,000 | | | 300,000 |
| Park Replacement Fund | 300,000 | | | 300,000 | | 600,000 |
| Total | 300,000 | | 300,000 | 300,000 | | 900,000 |

Project # 10-PR-008
Project Name Miscellaneous Park Improvements

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

This project is a combination of miscellaneous improvements to the park system.
 Scheduled projects: 2015-shelter repair/replacement; 2016-fence repair/replacement; 2017-2018-fence repair/replacement; 2019-Zachary shelter repair/replacement.

Justification

Repair and/or replacement of park amenities are important to ensure a quality park system.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|---------------|----------------|---------------|---------------|----------------|
| Construction/Maintenance | 100,000 | 76,000 | 100,000 | 70,000 | 55,000 | 401,000 |
| Total | 100,000 | 76,000 | 100,000 | 70,000 | 55,000 | 401,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|---------------|----------------|---------------|---------------|----------------|
| Park Replacement Fund | 100,000 | 76,000 | 100,000 | 70,000 | 55,000 | 401,000 |
| Total | 100,000 | 76,000 | 100,000 | 70,000 | 55,000 | 401,000 |

Project # 13-PIC-001
Project Name Replace Ice Center Zambonis

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Replace the ice surfacing machine (Zamboni).

Justification

Zambonis will be 16 and 17 years old and are in need of replacement. Rink B Zamboni scheduled in 2014 was held over for 2015 replacement. Rink C Zamboni scheduled for 2019.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|-------------|-------------|-------------|----------------|----------------|
| Equip/Vehicles/Furnishings | 130,000 | | | | 140,000 | 270,000 |
| Total | 130,000 | | | | 140,000 | 270,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|----------------|----------------|
| Ice Center Fund | 130,000 | | | | 140,000 | 270,000 |
| Total | 130,000 | | | | 140,000 | 270,000 |

Project # 13-PR-001
Project Name Neighborhood Parks

Department Parks and Recreation
Contact
Type Improvement/Acquisition
Useful Life
Category Parks and Recreation
Priority

Description

Develop neighborhood parks to serve new residents in the community. Scheduled projects: 2015-survey, demolition and grading southwest corner of CR 47 and Lawndale Lane; 2016-NW Plymouth; 2017-Brockton Lane.

Justification

As identified in the Comprehensive Plan we typically provide a park for new residential developments. The need for these parks will depend on the number of housing units constructed/occupied. If development is slow, these projects may be pushed back.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|----------------|-------------|-------------|----------------|
| Construction/Maintenance | 125,000 | 400,000 | 420,000 | | | 945,000 |
| Total | 125,000 | 400,000 | 420,000 | | | 945,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|----------------|-------------|-------------|----------------|
| Park Dedication Fund | 125,000 | 400,000 | 420,000 | | | 945,000 |
| Total | 125,000 | 400,000 | 420,000 | | | 945,000 |

Project # 14-PIC-001
Project Name Relace Ice Center Rubber Flooring

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Replace rubber flooring. Scheduled projects:2015-lower lobby level; 2017-locker rooms.

Justification

17 years of heavy traffic has created much wear from skates cutting into the rubber.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|---------------|-------------|-------------|----------------|
| Equip/Vehicles/Furnishings | 54,000 | | 65,000 | | | 119,000 |
| Total | 54,000 | | 65,000 | | | 119,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|---------------|-------------|-------------|----------------|
| Ice Center Fund | 54,000 | | 65,000 | | | 119,000 |
| Total | 54,000 | | 65,000 | | | 119,000 |

Project # 14-PIC-003
Project Name Replace Ice Center Dehumidifier Desicant Wheels

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Replace dehumidifier desicant wheels, which is the main factor for the operation of each dehumidifier.

Justification

The material on each wheel wears away through years of use not allowing for proper operation. Wheels will be replaced if conditions warrant.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Equip/Vehicles/Furnishings | | 27,000 | | | | 27,000 |
| Total | | 27,000 | | | | 27,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Ice Center Fund | | 27,000 | | | | 27,000 |
| Total | | 27,000 | | | | 27,000 |

Project # 14-PR-003
Project Name Replace Miscellaneous Boardwalks

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Replace boardwalks in various parks. The project was scheduled for replacement in 2014 after further evaluation the project repair work will be spread out over the next few years. Proactively repairing boardwalks help to avoid the more substantial cost of replacement.

Justification

A number of boardwalks will need to be replaced in order to keep them in a safe, usable condition.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | 30,000 | 30,000 | 35,000 | 25,000 | 30,000 | 150,000 |
| Total | 30,000 | 30,000 | 35,000 | 25,000 | 30,000 | 150,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Park Replacement Fund | 30,000 | 30,000 | 35,000 | 25,000 | 30,000 | 150,000 |
| Total | 30,000 | 30,000 | 35,000 | 25,000 | 30,000 | 150,000 |

Project # 14-PR-004
Project Name Tennis Court Repair

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

This project would replace/repair the existing tennis/basketball courts which are nearing the end of their expected life. Parkers Lake installed in 1992 to be replaced in 2016 (\$240,000)

Justification

The asphalt surface and tennis post system has deteriorated significantly over the years. The playability of the courts has diminished. The courts are 22+ years old and have exceeded their expected life.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | | 240,000 | | | | 240,000 |
| Total | | 240,000 | | | | 240,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Park Replacement Fund | | 240,000 | | | | 240,000 |
| Total | | 240,000 | | | | 240,000 |

Project # 14-PR-005
Project Name Northwest Greenway Trail

Department Parks and Recreation
Contact
Type Improvement/Acquisition
Useful Life
Category Parks and Recreation
Priority

Description

This project would provide for the installation of a portion of Northwest Greenway trails. Northwest Greenway land acquisition from Vicksburg Lane easterly to Cheshire Parkway is almost complete which would allow for the construction of this portion of the greenway trail. The Northwest Greenway Master Plan identifies the recommended trail alignment.

Scheduled projects: 2014 or 2015-eastern trail (Juneau to Vicksburg); 2016-western trail (Vicksburg to Plymouth Dog Park); 2018-Elm Creek Trail Loop.

Justification

The Comprehensive Plan and the Northwest Greenway Master Plan anticipates the development and construction of the Northwest Greenway trail corridor system.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|-------------|------------------|-------------|------------------|
| Construction/Maintenance | 700,000 | 650,000 | | 1,200,000 | | 2,550,000 |
| Total | 700,000 | 650,000 | | 1,200,000 | | 2,550,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------------------|----------------|----------------|-------------|------------------|-------------|------------------|
| Capital Improvement Fund (FND 409) | 500,000 | | | | | 500,000 |
| Park Dedication Fund | 200,000 | 650,000 | | 1,200,000 | | 2,050,000 |
| Total | 700,000 | 650,000 | | 1,200,000 | | 2,550,000 |

Project # 14-PR-006
Project Name Millennium Garden Enhancements

Department Parks and Recreation
Contact
Type Improvement/Acquisition
Useful Life
Category Parks and Recreation
Priority

Description

This project would result in improvements to the Millennium Garden. The project could include the addition of a sculpture, and/or other site amenities to enhance the grounds and experience. Staff would like to remodel indoor space for a bridal dressing area. The space is currently leased by PSA (expires 2015).

Justification

The project would enhance the site, and continue to draw new community members to the garden. Millennium Garden Fund will be the funding source.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Other | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

Project # 14-PR-007
Project Name Plymouth Creek Center Furnishings and Equipment

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

This project would update and replace chairs, tables and the sound system at the Plymouth Creek Center.

Justification

The existing items are old, showing signs of wear and/or not working properly. These items are essential for operations.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Park Replacement Fund | 25,000 | | | | | 25,000 |
| Total | 25,000 | | | | | 25,000 |

Project # 15-PIC-001
Project Name Ice Center Refrigerant Conversion

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Change coolant from existing R22 Freon to an ammonia based refrigerant system.

Justification

R22 Freon is being phased out and in 2020 it will no longer be available. Production was cut by 50% in 2012 and the price has increased from \$3 per pound to \$13 per pound.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 800,000 | | | | | 800,000 |
| Total | 800,000 | | | | | 800,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Capital Improvement Fund (FND 409) | 800,000 | | | | | 800,000 |
| Total | 800,000 | | | | | 800,000 |

Project # 15-PIC-002
Project Name Ice Center Olympic Rink Conversion

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Convert olympic ice sheet to professional with concrete floor.

Justification

Large energy savings. 90% of ice users do not want to use the large sheet of ice.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 650,000 | | | | | 650,000 |
| Total | 650,000 | | | | | 650,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Capital Improvement Fund (FND 409) | 650,000 | | | | | 650,000 |
| Total | 650,000 | | | | | 650,000 |

Project # 15-PR-002
Project Name Parking Lot Repair/Replacement

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

This project would replace the existing parking lots. Scheduled projects; 2015-Lifetime Fitness/Ice Center (shared expense); 2018-Parkers Lake; 2019-Zachary Park.

Justification

The average life of parking lots is 20 years. The scheduled areas are showing signs of deterioration and must be replaced or renovated to ensure continued usability and safety.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|----------------|----------------|------------------|
| Construction/Maintenance | 500,000 | | | 350,000 | 550,000 | 1,400,000 |
| Total | 500,000 | | | 350,000 | 550,000 | 1,400,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|----------------|----------------|------------------|
| Park Replacement Fund | 500,000 | | | 350,000 | 550,000 | 1,400,000 |
| Total | 500,000 | | | 350,000 | 550,000 | 1,400,000 |

Project # 15-PR-003
Project Name Outdoor Turf Field

Department Parks and Recreation
Contact
Type Improvement/Acquisition
Useful Life
Category Parks and Recreation
Priority

Description

This project would provide for a new artificial turf field at Elm Creek Playfield or Zachary Playfield. The artificial sports field will provide a uniform and consistent playing surface that will meet the rigorous community use.

Justification

Installing an artificial turf field will provide a safe, consistent and reliable playing surface for the community. A grass field simply cannot remain resilient if it is used more than three to four days a week, or in the rain, or during the months of the year when grass doesn't grow.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Construction/Maintenance | 1,000,000 | | | | | 1,000,000 |
| Total | 1,000,000 | | | | | 1,000,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Other | 1,000,000 | | | | | 1,000,000 |
| Total | 1,000,000 | | | | | 1,000,000 |

Project # 15-PR-004
Project Name Yard Waste Site Pad

Department Parks and Recreation
Contact
Type Improvement/Acquisition
Useful Life
Category Parks and Recreation
Priority

Description

This project would add a second lift and/or additional base of asphalt to the Yard Waste Site pad that was constructed in 2013.

Justification

The asphalt pad was added at the request of the site vendor to assist with operations and usability. The pad helps keep the site open and operating during wet conditions. Funding was not sufficient in 2013 to complete the project.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 60,000 | | | | | 60,000 |
| Total | 60,000 | | | | | 60,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Solid Waste | 60,000 | | | | | 60,000 |
| Total | 60,000 | | | | | 60,000 |

Project # 16-PIC-001
Project Name Replace Ice Center Roof Top Air Handler

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Replace roof to air handler (HVAC).

Justification

The existing HVAC unit is undersized, overworked and will be 19 years old and in need of replacement if conditions warrant.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | | 75,000 | | | | 75,000 |
| Total | | 75,000 | | | | 75,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Ice Center Fund | | 75,000 | | | | 75,000 |
| Total | | 75,000 | | | | 75,000 |

Project # 16-PIC-002
Project Name Replace Ice Center Roof

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Replace roof.

Justification

The existing roof will be 19 years old and in need of replacement if conditions warrant.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Construction/Maintenance | 1,250,000 | | | | | 1,250,000 |
| Total | 1,250,000 | | | | | 1,250,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Capital Improvement Fund (FND 409) | 550,000 | | | | | 550,000 |
| Other | 700,000 | | | | | 700,000 |
| Total | 1,250,000 | | | | | 1,250,000 |

Project # 16-PIC-003
Project Name RUPP Roof Air-Exchange/Handler

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Replace the air-exchange units for locker rooms servicing Rinks A and B.

Justification

The existing air-exchange is old and not working effectively.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | | 28,000 | | | | 28,000 |
| Total | | 28,000 | | | | 28,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Ice Center Fund | | 28,000 | | | | 28,000 |
| Total | | 28,000 | | | | 28,000 |

Project # 16-PIC-004
Project Name Ice Center Energy Management System

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

This project would update and install an automated HVAC control system for the Ice Center.

Justification

The existing system is obsolete and technology is outdated.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|-------------|-------------|-------------|---------------|
| Ice Center Fund | | 30,000 | | | | 30,000 |
| Total | | 30,000 | | | | 30,000 |

Project # 17-PIC-001
Project Name Replace Ice Center Dasher Boards

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Replace steel supports and dasher poly boards on Rink A in 2015 rather than 2017 in coordination with rink conversion. Replace Rink B in 2019.

Justification

The existing dasher boards will be in need of replacement if conditions warrant.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|---------------|----------------|
| Construction/Maintenance | 70,000 | | | | 75,000 | 145,000 |
| Total | 70,000 | | | | 75,000 | 145,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|---------------|----------------|
| Ice Center Fund | 70,000 | | | | 75,000 | 145,000 |
| Total | 70,000 | | | | 75,000 | 145,000 |

Project # 18-PIC-001
Project Name Replace Ice Center Scoreboards

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

Replace ice area scoreboard on Rink B.

Justification

The existing scoreboard is becoming obsolete, has maintenance and/or operational issues.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Construction/Maintenance | | | | 32,000 | | 32,000 |
| Total | | | | 32,000 | | 32,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|---------------|-------------|---------------|
| Ice Center Fund | | | | 32,000 | | 32,000 |
| Total | | | | 32,000 | | 32,000 |

Project # 19-PR-001
Project Name Fieldhouse Dome Replacement

Department Parks and Recreation
Contact
Type Repair/Replacement
Useful Life
Category Parks and Recreation
Priority

Description

This project replaces the Field House Dome.

Justification

The existing dome is showing signs of deterioration and must be replaced to ensure continued usability and safety. The dome is tested yearly for craking and other weaknesses.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Construction/Maintenance | | | | | 500,000 | 500,000 |
| Total | | | | | 500,000 | 500,000 |

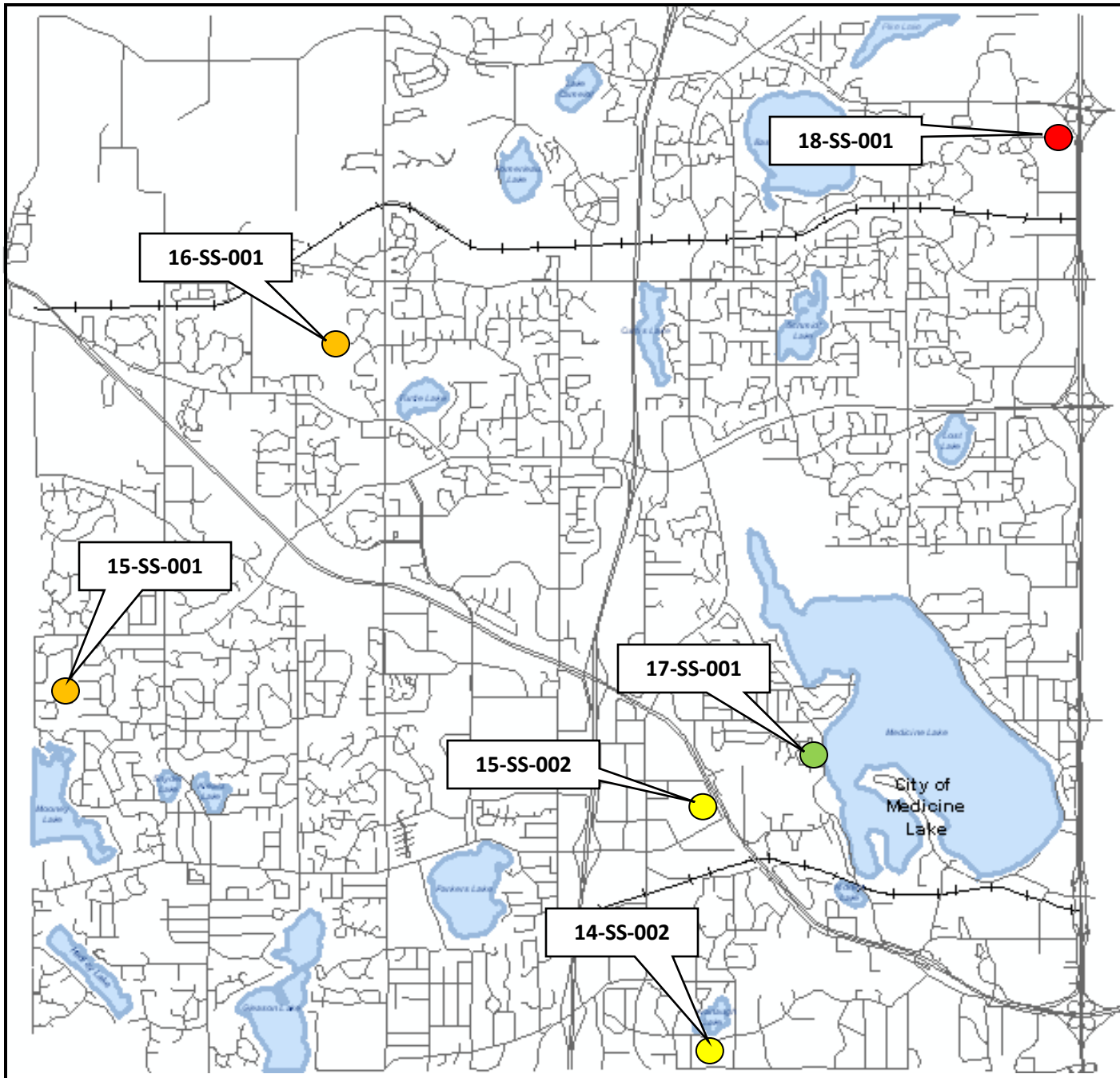
| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Field House Fund | | | | | 500,000 | 500,000 |
| Total | | | | | 500,000 | 500,000 |

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City of Plymouth, Minnesota
Capital Improvement Program
 2015 thru 2019

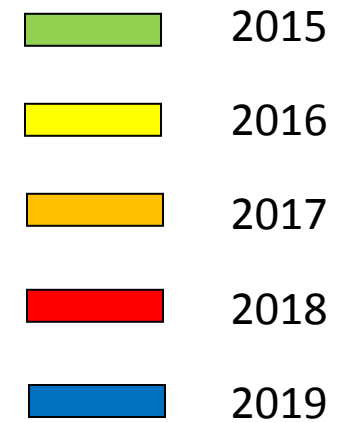
PROJECTS & FUNDING SOURCES BY DEPARTMENT

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|-----------|----------|------------------|------------------|------------------|------------------|------------------|------------------|
| Sanitary Sewer | | | | | | | | |
| Line Sanitary Sewer Main: Annual Program | 06-SS-003 | n/a | 710,000 | 780,000 | 860,000 | 930,000 | 1,000,000 | 4,280,000 |
| Trunk Sewer Oversizing | 08-SS-002 | n/a | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Refurbish Sunset Hill Lift Station | 14-SS-002 | n/a | 90,000 | 600,000 | | | | 690,000 |
| Refurbish Greentree Lift Station | 15-SS-001 | n/a | | 90,000 | 600,000 | | | 690,000 |
| 15th Ave./Pineview Lane San. Sewer Replacement | 15-SS-002 | n/a | 50,000 | 400,000 | | | | 450,000 |
| Abandon Autumn Hills Lift Station | 16-SS-001 | n/a | | 100,000 | 500,000 | | | 600,000 |
| Refurbish Waterfront Lift Station | 17-SS-001 | n/a | 700,000 | | | | | 700,000 |
| Refurbish Bass Lake Plaza Lift Station | 18-SS-001 | n/a | | | 100,000 | 700,000 | | 800,000 |
| Sanitary Sewer Total | | | 1,650,000 | 2,070,000 | 2,160,000 | 1,730,000 | 1,100,000 | 8,710,000 |
| | | | 1,550,000 | 1,970,000 | 2,060,000 | 1,630,000 | 1,000,000 | 8,210,000 |
| | | | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Sanitary Sewer Total | | | 1,650,000 | 2,070,000 | 2,160,000 | 1,730,000 | 1,100,000 | 8,710,000 |
| Grand Total | | | 1,650,000 | 2,070,000 | 2,160,000 | 1,730,000 | 1,100,000 | 8,710,000 |



2015-2019 Capital Improvement Program

Sanitary Sewer Projects



Note: Not all CIP projects shown on map.



Project # 06-SS-003
Project Name Line Sanitary Sewer Main: Annual Program

Department Sanitary Sewer
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would line existing sewer mains in areas of the City having infiltration and/or root intrusion and maintenance problems. A majority of this work will be done in areas with older clay pipe. This is expected to be an annual and ongoing program.

Justification

This project is part of the City's annual I & I program aimed at eliminating the introduction of groundwater into the sanitary sewer system. The area to be lined in a given year will be determined by televising the sanitary sewer.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Planning/Design | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 |
| Construction/Maintenance | 700,000 | 770,000 | 850,000 | 920,000 | 990,000 | 4,230,000 |
| Total | 710,000 | 780,000 | 860,000 | 930,000 | 1,000,000 | 4,280,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Sewer Fund | 710,000 | 780,000 | 860,000 | 930,000 | 1,000,000 | 4,280,000 |
| Total | 710,000 | 780,000 | 860,000 | 930,000 | 1,000,000 | 4,280,000 |

Project # 08-SS-002
Project Name Trunk Sewer Oversizing

Department Sanitary Sewer
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would reimburse developer(s) for the oversize and overdepth installation of trunk sewer as identified in the Comprehensive Plan Development Staging Plan. Much of the construction is anticipated to be done by the developers who will be reimbursed for oversizing beyond their basic responsibility. The actual timing of the improvement will depend on development activity.

Justification

The City's Comprehensive Plan contemplates the extension of gravity sewer in accordance with the Development Staging Plan.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Construction/Maintenance | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Total | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Utility Trunk Fund | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Total | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |

Project # 14-SS-002
Project Name Refurbish Sunset Hill Lift Station

Department Sanitary Sewer
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would refurbish the Sunset Hill liftstation. The end result should be a more reliable liftstation with an on-site generator.

Justification

The Sanitary Sewer Plan element of the Comprehensive Plan identifies the need to upgrade and refurbish 7 aging and deteriorating liftstations. Renovation of the Sunset Hill Liftstation will continue the program on the revised schedule.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|----------------|-------------|-------------|-------------|----------------|
| Planning/Design | 90,000 | | | | | 90,000 |
| Construction/Maintenance | | 600,000 | | | | 600,000 |
| Total | 90,000 | 600,000 | | | | 690,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|----------------|-------------|-------------|-------------|----------------|
| Sewer Fund | 90,000 | 600,000 | | | | 690,000 |
| Total | 90,000 | 600,000 | | | | 690,000 |

Project # 15-SS-001
Project Name Refurbish Greentree Lift Station

Department Sanitary Sewer
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would refurbish the Greentree Lift Station. The end result would be a more reliable lift station. Several parts were upgraded in 2011 due to age and from storm damage.

Justification

The Sanitary Sewer Plan element of the Comprehensive Plan identifies the need to upgrade and refurbish 7 aging and deteriorating liftstations. Renovation of the Greentree Liftstation will continue the program on the revised schedule.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|---------------|----------------|-------------|-------------|----------------|
| Planning/Design | | 90,000 | | | | 90,000 |
| Construction/Maintenance | | | 600,000 | | | 600,000 |
| Total | | 90,000 | 600,000 | | | 690,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|----------------|-------------|-------------|----------------|
| Sewer Fund | | 90,000 | 600,000 | | | 690,000 |
| Total | | 90,000 | 600,000 | | | 690,000 |

Project # 15-SS-002
Project Name 15th Ave./Pineview Lane San. Sewer Replacement

Department Sanitary Sewer
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would replace and relocate an existing 12" sanitary sewer crossing under TH 55 near 15th Avenue and Pineview Lane. The sanitary sewer is located in the bottom of a failing corrugated metal storm sewer.

Justification

The trunk sanitary sewer main needs to be replaced to avoid sewer backups that could result from the failing storm sewer. The sanitary sewer will be relocated outside of the storm sewer. See Project No. 16-WR-003.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|----------------|-------------|-------------|-------------|----------------|
| Planning/Design | 50,000 | | | | | 50,000 |
| Construction/Maintenance | | 400,000 | | | | 400,000 |
| Total | 50,000 | 400,000 | | | | 450,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|----------------|-------------|-------------|-------------|----------------|
| Sewer Fund | 50,000 | 400,000 | | | | 450,000 |
| Total | 50,000 | 400,000 | | | | 450,000 |

Project # 16-SS-001
Project Name Abandon Autumn Hills Lift Station

Department Sanitary Sewer
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The Autumn Hills Lift Station was considered an interim lift station at the time of development. This project would abandon the Autumn Hills Lift Station and serve the neighborhood with gravity sewer.

Justification

The neighborhood can be served by gravity sewer. Development has not occurred as expected so the gravity line should be extended by the city.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|----------------|----------------|-------------|-------------|----------------|
| Planning/Design | | 100,000 | | | | 100,000 |
| Construction/Maintenance | | | 500,000 | | | 500,000 |
| Total | | 100,000 | 500,000 | | | 600,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|----------------|-------------|-------------|----------------|
| Sewer Fund | | 100,000 | 500,000 | | | 600,000 |
| Total | | 100,000 | 500,000 | | | 600,000 |

Project # 17-SS-001
Project Name Refurbish Waterfront Lift Station

Department Sanitary Sewer
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would refurbish the Waterfront Lift Station. The end result would be a more reliable lift station.

Justification

The Sanitary Sewer Plan element of the Comprehensive Plan identifies the need to upgrade and refurbish 7 aging and deteriorating liftstations. Renovation of the Waterfront Lift Station will continue the program on the revised schedule.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 700,000 | | | | | 700,000 |
| Total | 700,000 | | | | | 700,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Sewer Fund | 700,000 | | | | | 700,000 |
| Total | 700,000 | | | | | 700,000 |

Project # 18-SS-001
Project Name Refurbish Bass Lake Plaza Lift Station

Department Sanitary Sewer
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would refurbish the Bass Lake Plaza Lift Station. The end result would be a more reliable lift station.

Justification

The Sanitary Sewer Plan element of the Comprehensive Plan identifies the need to upgrade and refurbish 7 aging and deteriorating liftstations. Renovation of the Bass Lake Plaza Lift Station will continue the program on the revised schedule.

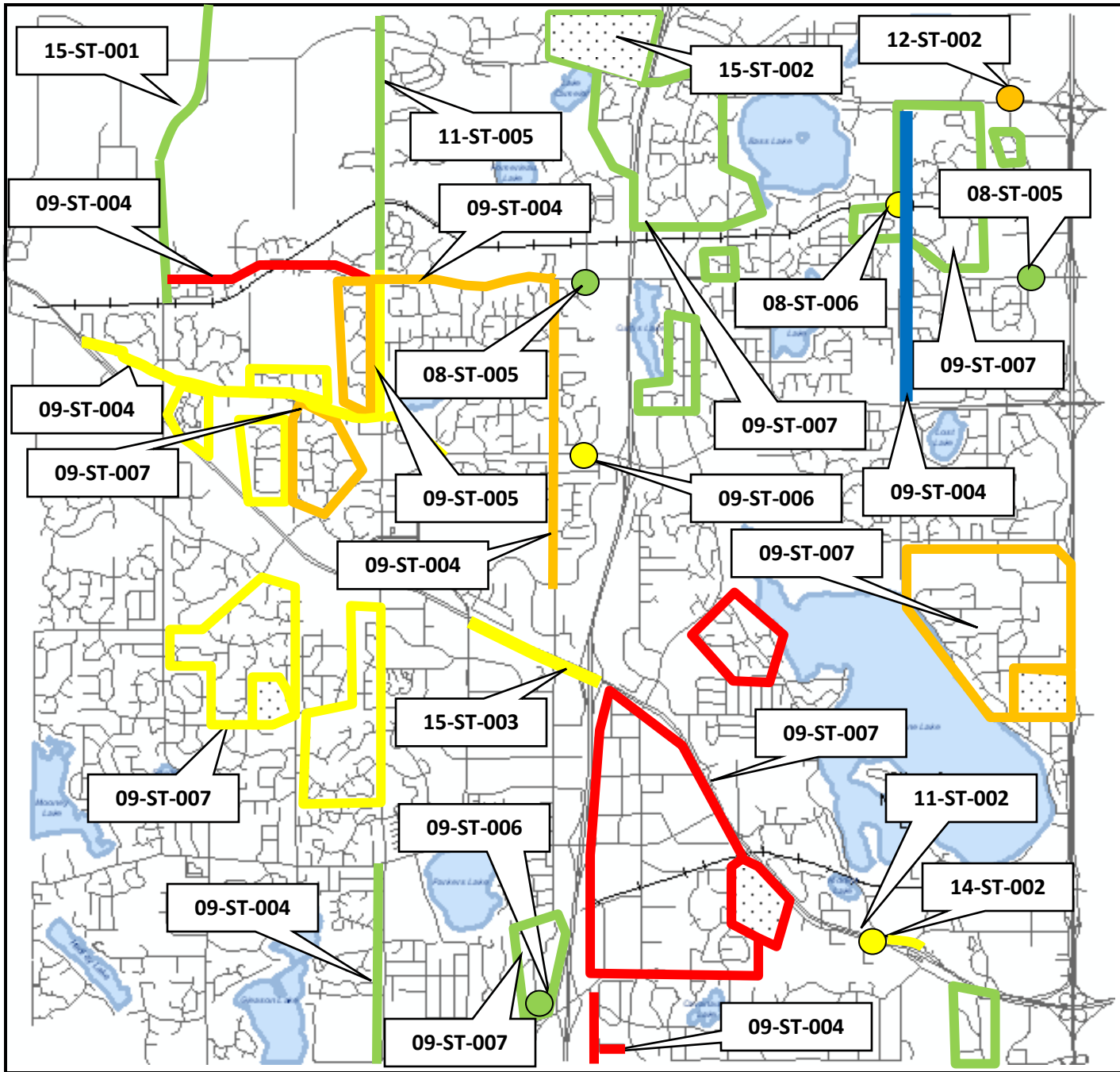
| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|----------------|----------------|-------------|----------------|
| Planning/Design | | | 100,000 | | | 100,000 |
| Construction/Maintenance | | | | 700,000 | | 700,000 |
| Total | | | 100,000 | 700,000 | | 800,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|----------------|----------------|-------------|----------------|
| Sewer Fund | | | 100,000 | 700,000 | | 800,000 |
| Total | | | 100,000 | 700,000 | | 800,000 |

City of Plymouth, Minnesota
Capital Improvement Program
 2015 thru 2019

PROJECTS & FUNDING SOURCES BY DEPARTMENT

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|-----------------|-----------------|-------------------|-------------------|------------------|------------------|------------------|-------------------|
| Streets | | | | | | | | |
| Traffic Signals | 08-ST-005 | n/a | 600,000 | | | | | 600,000 |
| Rail X-ing Safety Improvements - Zachary Lane | 08-ST-006 | n/a | | 255,000 | | | | 255,000 |
| Mill & Overlay Projects | 09-ST-004 | n/a | 600,000 | 600,000 | 1,300,000 | 820,000 | 900,000 | 4,220,000 |
| Vicksburg Lane -Old Rockford Rd to Schmidt Lake Rd | 09-ST-005 | n/a | | 5,000,000 | | | | 5,000,000 |
| Replace Retaining Walls | 09-ST-006 | n/a | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |
| Edge Mill and Overlay Projects | 09-ST-007 | n/a | 2,720,000 | 2,720,000 | 2,720,000 | 2,720,000 | 2,720,000 | 13,600,000 |
| West Medicine Lake & Hwy 55 Intersection | 11-ST-002 | n/a | | 460,000 | | | | 460,000 |
| Vicksburg Lane - Schmidt Lake Rd to Maple Grove | 11-ST-005 | n/a | 12,000,000 | 1,000,000 | | | | 13,000,000 |
| Concrete Sidewalk Replacement | 11-ST-010 | n/a | 50,000 | 100,000 | 50,000 | 50,000 | | 250,000 |
| Nathan Lane & CR 10 Intersection | 12-ST-002 | n/a | | 100,000 | 500,000 | | | 600,000 |
| TH 55 Frontage Road Reconstruction | 14-ST-002 | n/a | | 320,000 | | | | 320,000 |
| Peony Lane - Schmidt Lake Rd to Maple Grove | 15-ST-001 | n/a | 5,000,000 | | | | | 5,000,000 |
| 2015 Street Reconstruction | 15-ST-002 | n/a | 4,320,000 | | | | | 4,320,000 |
| Fernbrook Lane & Hwy 55 Intersection | 15-ST-003 | n/a | 154,000 | | | | | 154,000 |
| Flashing Yellow Arrow Signal Conversions | 15-ST-004 | n/a | 692,665 | 500,000 | 500,000 | | | 1,692,665 |
| Upgrade Crosswalk Signage | 15-ST-005 | n/a | 50,000 | | | | | 50,000 |
| 2016 Street Reconstruction | 16-ST-001 | n/a | 80,000 | 1,170,000 | | | | 1,250,000 |
| 2017 Street Reconstruction | 17-ST-001 | n/a | | 80,000 | 2,000,000 | | | 2,080,000 |
| 2018 Street Reconstruction | 18-ST-001 | n/a | | | 80,000 | 2,000,000 | | 2,080,000 |
| 2019 Street Reconstruction | 19-ST-001 | n/a | | | | 80,000 | 2,000,000 | 2,080,000 |
| Streets Total | | | 26,356,665 | 12,395,000 | 7,240,000 | 5,760,000 | 5,710,000 | 57,461,665 |
| Capital Improvement Fund (FND 409) | | | | | 105,000 | | | 105,000 |
| Constction Improvement Fund (CON 413) | | | | | 500,000 | 500,000 | | 1,000,000 |
| Donations | | | | 340,000 | | | | 340,000 |
| Federal Funding | | | | | 150,000 | | | 150,000 |
| Municipal State Aid Fund | | | | 414,000 | 560,000 | 500,000 | | 1,474,000 |
| Other | | | | 17,000,000 | 6,000,000 | | | 23,000,000 |
| Park Replacement Fund | | | | 45,000 | 45,000 | | | 90,000 |
| Sewer Fund | | | | 20,000 | 70,000 | 10,000 | 10,000 | 120,000 |
| Special Assessments - Streets | | | | 2,176,000 | 1,220,000 | 1,600,000 | 1,600,000 | 8,196,000 |
| Street Reconstruction Fund | | | | 4,649,000 | 3,295,000 | 4,600,000 | 4,120,000 | 20,734,000 |
| Street Reconstruction Fund (Gen. Fund Reserves) | | | | 692,665 | | | | 692,665 |
| Water Fund | | | | 1,000,000 | 400,000 | 10,000 | 20,000 | 1,450,000 |
| Water Resources Fund | | | | 20,000 | 50,000 | 20,000 | 10,000 | 110,000 |
| Streets Total | | | 26,356,665 | 12,395,000 | 7,240,000 | 5,760,000 | 5,710,000 | 57,461,665 |



2015-2019 Capital Improvement Program

Street Projects

- 2015
- 2016
- 2017
- 2018
- 2019

Note: Not all CIP projects shown on map.



Project # 08-ST-005
Project Name Traffic Signals

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project provides for the installation of traffic signals at intersections that meet warrants and the City's Traffic Signal Ranking System.
 2015 - Nathan Lane at Schmidt Lake Road (developer funded)
 2015 - Cheshire Lane at Schmidt Lake Road
 Developer funding in the amount of \$40,000 has already been received for the intersection of Cheshire Lane and Schmidt Lake Road.

Justification

The signal at CheshireLane/Schmidt Lake Road would be the result of Cheshire Lane being constructed through to County Road 47 and opened to traffic in 2014. Other signals that meet warrants and are recommended on the City's Traffic Signal Ranking System will be installed when warranted.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 600,000 | | | | | 600,000 |
| Total | 600,000 | | | | | 600,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Donations | 340,000 | | | | | 340,000 |
| Municipal State Aid Fund | 260,000 | | | | | 260,000 |
| Total | 600,000 | | | | | 600,000 |

Project # 08-ST-006
Project Name Rail X-ing Safety Improvements - Zachary Lane

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project constructs improvements at the Canadian Pacific (CP) Railroad crossing of Zachary Lane. The improvements would likely include either the relocation of the existing crossing gates and lane separation and signage to prevent waiting vehicles from bypassing the crossing gate or the addition of 2 crossing gates to fully block the crossing.

Justification

The safety improvements at this crossing are required by federal law if the City desires to prevent trains from blowing their whistles at each crossing.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | | 255,000 | | | | 255,000 |
| Total | | 255,000 | | | | 255,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Capital Improvement Fund (FND 409) | | 105,000 | | | | 105,000 |
| Federal Funding | | 150,000 | | | | 150,000 |
| Total | | 255,000 | | | | 255,000 |

Project # 09-ST-004
Project Name Mill & Overlay Projects

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would remove and replace the top layer of pavement on a street. Mill and overlay projects also include repair of curb and gutter, drainage structures and sanitary manholes as needed. This procedure would add approximately 10-15 years of life to this roadway. The streets to be overlaid will be determined in the program year based on a condition assessment.

- 2015 - Vicksburg Lane, Gleason Lake Drive to CR 6 (\$600,000)
- 2016 - Old Rockford Road, Rockford Road to TH 55 (\$600,000)
- 2017 - Fernbrook Lane, 34th Avenue to Schmidt Lake Road (\$900,000)
- 2017 - Schmidt Lake Road, Fernbrook Lane to Vicksburg Lane (\$400,000)
- 2018 - Schmidt Lake Road, Peony Lane to Vicksburg Lane (\$600,000), Cheshire Lane, Carlson Parkway to City Limits (\$200,000)
- 2019 - Zachary Lane, Bass Lake Road to Rockford Road

Justification

Street overlays are an important and cost effective part of the Pavement Management Program. They bridge the gap between street maintenance and street reconstruction. A street is generally overlaid before the condition deteriorates too far. An overlay at the proper time maintains the investment previously made in the roadway and cost effectively extends the life of the street.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|------------------|----------------|----------------|------------------|
| Planning/Design | 20,000 | 20,000 | 30,000 | 20,000 | 20,000 | 110,000 |
| Construction/Maintenance | 580,000 | 580,000 | 1,270,000 | 800,000 | 880,000 | 4,110,000 |
| Total | 600,000 | 600,000 | 1,300,000 | 820,000 | 900,000 | 4,220,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|----------------|----------------|------------------|----------------|----------------|------------------|
| Street Reconstruction Fund | 600,000 | 600,000 | 1,300,000 | 820,000 | 900,000 | 4,220,000 |
| Total | 600,000 | 600,000 | 1,300,000 | 820,000 | 900,000 | 4,220,000 |

Project # 09-ST-005
Project Name Vicksburg Lane -Old Rockford Rd to Schmidt Lake Rd

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project includes the reconstruction and widening of Vicksburg Lane from Old Rockford Road to Schmidt Lake Road. The reconstruction and widening will add capacity and improve safety.

Justification

The widening of Vicksburg Lane from Old Rockford Road to Schmidt Lake Road is consistent with the transportation element of the Comprehensive Plan.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|------------------|-------------|-------------|-------------|------------------|
| Construction/Maintenance | | 5,000,000 | | | | 5,000,000 |
| Total | | 5,000,000 | | | | 5,000,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|------------------|-------------|-------------|-------------|------------------|
| Other | | 5,000,000 | | | | 5,000,000 |
| Total | | 5,000,000 | | | | 5,000,000 |

Project # 09-ST-006
Project Name Replace Retaining Walls

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

These projects would replace existing wooden retaining wall that are deteriorating with a block wall. The location of the remaining replacements will be determined at a later date.
 2015 - Harbor Lane and Gleason Lake Drive
 2016 - Rockford Road between Fernbrook Lane and Berkshire Lane

Justification

The existing walls are deteriorating and near the end of their useful life. The replacement of wooden retaining walls would address safety concerns. Park Maintenance will fund those portions of the wall that retain for trails.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Planning/Design | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 |
| Construction/Maintenance | 80,000 | 80,000 | 80,000 | 80,000 | 80,000 | 400,000 |
| Total | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Park Replacement Fund | 45,000 | 45,000 | | | | 90,000 |
| Street Reconstruction Fund | 45,000 | 45,000 | 90,000 | 90,000 | 90,000 | 360,000 |
| Total | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |

Project # 09-ST-007
Project Name Edge Mill and Overlay Projects

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project involves edge milling and repaving 1.5" of bituminous and replacing curb on various streets. The streets to be overlaid will be determined in the program year based on a condition assessment.

2015 - Camelot Overlook Wild Wings, Zachary Hills, Harrison Hills, Curtis Lake, Plymouth Pointe, Ivanhoe Woods, Bass Lake Estates/Heights/Hills/Terrace
2016 - Fox Run, Steeplechase, Maple Creek, Shiloh, Golfview Estates, Holly Creek, Rockford Glen
2017 - Autumn Hills, Westbranch, Nanterre, Ridgecrest
2018 - MIP, Glen Echo Ponds, Westminster
2019 - Cavanaugh, Plymouth Oaks, Savannah, Plum Tree

Justification

This was first done in 2005 and was proven to be a successful and cost effective tool in the Pavement Management Program. The funding includes funding for curb and catch basin replacement funded from the Street Replacement Fund.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Planning/Design | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 100,000 |
| Construction/Maintenance | 2,700,000 | 2,700,000 | 2,700,000 | 2,700,000 | 2,700,000 | 13,500,000 |
| Total | 2,720,000 | 2,720,000 | 2,720,000 | 2,720,000 | 2,720,000 | 13,600,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Special Assessments - Streets | 800,000 | 800,000 | 800,000 | 800,000 | 800,000 | 4,000,000 |
| Street Reconstruction Fund | 1,920,000 | 1,920,000 | 1,920,000 | 1,920,000 | 1,920,000 | 9,600,000 |
| Total | 2,720,000 | 2,720,000 | 2,720,000 | 2,720,000 | 2,720,000 | 13,600,000 |

Project # 11-ST-002
Project Name West Medicine Lake & Hwy 55 Intersection

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would reconstruct and reconfigure the West Medicine Lake & Trunk Highway 55 intersection, including signal modifications. In addition, the frontage road intersection would be relocated a couple hundred feet further away from Trunk Highway 55. Purchase of right-of-way is likely for this project and has been included in the estimated cost.

Justification

Reconstruction of the intersection, including the frontage road relocation, would improve traffic flow for southbound West Medicine Lake Road and improve safety of the intersection. This project would also be needed to accommodate the redevelopment of the property south of TH 55.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Planning/Design | | 40,000 | | | | 40,000 |
| Construction/Maintenance | | 420,000 | | | | 420,000 |
| Total | | 460,000 | | | | 460,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Municipal State Aid Fund | | 460,000 | | | | 460,000 |
| Total | | 460,000 | | | | 460,000 |

Project # 11-ST-005
Project Name Vicksburg Lane - Schmidt Lake Rd to Maple Grove

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

Reconstructing, widening and constructing a bridge over the CP Rail line between Schmidt Lake Road and Maple Grove.

Justification

The widening of Vicksburg Lane from Schmidt Lake Road to Maple Grove is consistent with the transportation section of the Comprehensive Plan.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------------|------------------|-------------|-------------|-------------|-------------------|
| Construction/Maintenance | 12,000,000 | 1,000,000 | | | | 13,000,000 |
| Total | 12,000,000 | 1,000,000 | | | | 13,000,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------------|------------------|-------------|-------------|-------------|-------------------|
| Other | 12,000,000 | 1,000,000 | | | | 13,000,000 |
| Total | 12,000,000 | 1,000,000 | | | | 13,000,000 |

Project # 11-ST-010
Project Name Concrete Sidewalk Replacement

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would replace concrete sidewalk that has deteriorated, is cracked and heaved or is a tripping hazard.

Justification

This project would provide a proactive approach to hazard elimination.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|----------------|---------------|---------------|-------------|----------------|
| Construction/Maintenance | 50,000 | 100,000 | 50,000 | 50,000 | | 250,000 |
| Total | 50,000 | 100,000 | 50,000 | 50,000 | | 250,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|----------------|---------------|---------------|-------------|----------------|
| Street Reconstruction Fund | 50,000 | 100,000 | 50,000 | 50,000 | | 250,000 |
| Total | 50,000 | 100,000 | 50,000 | 50,000 | | 250,000 |

Project # 12-ST-002
Project Name Nathan Lane & CR 10 Intersection

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project reconstructs and reconfigures the intersection of Nathan Lane & County Road 10 to improve the operation and safety of the intersection. This project is dependent upon the development of vacant land south of County Road 10.

Justification

The Nathan Lane/County Road 10 intersection needs to be reconfigured to effectively serve the Nathan Lane traffic. Development of the large area south of County Road 10 would exacerbate the problems.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|----------------|----------------|-------------|-------------|----------------|
| Planning/Design | | 100,000 | | | | 100,000 |
| Construction/Maintenance | | | 500,000 | | | 500,000 |
| Total | | 100,000 | 500,000 | | | 600,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|----------------|----------------|-------------|-------------|----------------|
| Municipal State Aid Fund | | 100,000 | 500,000 | | | 600,000 |
| Total | | 100,000 | 500,000 | | | 600,000 |

Project # 14-ST-002
Project Name TH 55 Frontage Road Reconstruction

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project reconstructs the TH 55 frontage road east of West Medicine Lake Drive. To improve water quality in this area, raingardens are planned. The number of raingardens corresponds directly with the miles of streets being reconstructed. The project also includes the installation of Inflow/Infiltration barriers in sanitary sewer manholes.

Justification

This project reconstructs a street as recommended by the Pavement Management Program. A primary City Council goal is to enhance the street reconstruction program to stem the decline in overall street condition. The project would result in improved surface water quality as outlined in the Water Resources Management Plan. The sanitary sewer manhole lining reduces inflow/infiltration.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | | 320,000 | | | | 320,000 |
| Total | | 320,000 | | | | 320,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-------------------------------|-------------|----------------|-------------|-------------|-------------|----------------|
| Sewer Fund | | 50,000 | | | | 50,000 |
| Special Assessments - Streets | | 90,000 | | | | 90,000 |
| Street Reconstruction Fund | | 100,000 | | | | 100,000 |
| Water Fund | | 50,000 | | | | 50,000 |
| Water Resources Fund | | 30,000 | | | | 30,000 |
| Total | | 320,000 | | | | 320,000 |

Project # 15-ST-001
Project Name Peony Lane - Schmidt Lake Rd to Maple Grove

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project involves the realignment and expansion of Peony Lane/Lawndale in accordance with the Transportation Element of the Comprehensive Plan.

Justification

The widening and realignment of Peony Lane from Schmidt Lake Road to Maple Grove is consistent with the transportation element of the Comprehensive Plan.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Construction/Maintenance | 5,000,000 | | | | | 5,000,000 |
| Total | 5,000,000 | | | | | 5,000,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Other | 5,000,000 | | | | | 5,000,000 |
| Total | 5,000,000 | | | | | 5,000,000 |

Project # 15-ST-002
Project Name 2015 Street Reconstruction

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project reconstructs streets in the Lake Camelot Estates neighborhood (northwest corner of I-494 and CR 47). There have been a number of watermain breaks in this area and watermain replacement is recommended. To improve water quality in this area, raingardens are planned. The number of raingardens corresponds directly with the miles of streets being reconstructed. The project also includes the installation of Inflow/Infiltration barriers in sanitary sewer manholes.

Justification

This project reconstructs streets in existing neighborhoods. A primary City Council goal is to enhance the street reconstruction program to stem the decline in overall street condition. The project would result in improved surface water quality as outlined in the Water Resources Management Plan. The sanitary sewer manhole lining reduces inflow/infiltration.

The City's water infrastructure is aging and must be replaced when cost-effective. The most cost-effective time is when streets are being reconstructed. Staff reviews each reconstruction area to determine the condition of the underlying water main. If the main is in poor condition and cannot be reasonably expected to last for the life of the new street surface it should be replaced.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Construction/Maintenance | 4,320,000 | | | | | 4,320,000 |
| Total | 4,320,000 | | | | | 4,320,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-------------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Sewer Fund | 20,000 | | | | | 20,000 |
| Special Assessments - Streets | 1,376,000 | | | | | 1,376,000 |
| Street Reconstruction Fund | 1,904,000 | | | | | 1,904,000 |
| Water Fund | 1,000,000 | | | | | 1,000,000 |
| Water Resources Fund | 20,000 | | | | | 20,000 |
| Total | 4,320,000 | | | | | 4,320,000 |

Project # 15-ST-003
Project Name Fernbrook Lane & Hwy 55 Intersection

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would reconfigure the Fernbrook Lane & Trunk Highway 55 intersection, including signal modifications. This is the city's share of the costs on a MnDOT project to add a through lane on Hwy 55 from the east I-494 ramps to Plymouth Boulevard..

Justification

MnDOT has the lane addition on Hwy. 55 programmed for 2015.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 154,000 | | | | | 154,000 |
| Total | 154,000 | | | | | 154,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Municipal State Aid Fund | 154,000 | | | | | 154,000 |
| Total | 154,000 | | | | | 154,000 |

Project # 15-ST-004
Project Name Flashing Yellow Arrow Signal Conversions

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would convert existing protected/permissive left turn signals to the flashing yellow arrows, upgrade the signal indications to LED, and ADA modifications and paint signals where needed.

Justification

The City Council approved funding for this project from the 2013 General Fund surplus.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|----------------|-------------|-------------|------------------|
| Construction/Maintenance | 692,665 | 500,000 | 500,000 | | | 1,692,665 |
| Total | 692,665 | 500,000 | 500,000 | | | 1,692,665 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|----------------|----------------|----------------|-------------|-------------|------------------|
| Construction Improvement Fund (CON 413) | | 500,000 | 500,000 | | | 1,000,000 |
| Street Reconstruction Fund (Gen. Fund Reserves) | 692,665 | | | | | 692,665 |
| Total | 692,665 | 500,000 | 500,000 | | | 1,692,665 |

Project # 15-ST-005
Project Name Upgrade Crosswalk Signage

Department Streets
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would upgrade the warning signage for crosswalks where needed.

Justification

The City Council approved funding for this project from the 2013 General Fund surplus.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 50,000 | | | | | 50,000 |
| Total | 50,000 | | | | | 50,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Street Reconstruction Fund | 50,000 | | | | | 50,000 |
| Total | 50,000 | | | | | 50,000 |

Project # 16-ST-001
Project Name 2016 Street Reconstruction

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project reconstructs streets in the Ponderosa Ponds neighborhood (Garland and Fountain Lanes north of 25th Avenue). There have been a number of watermain breaks in this area and the watermain should be replaced. To improve water quality in this area, raingardens are planned. The number of raingardens corresponds directly with the miles of streets being reconstructed. The project also includes the installation of Inflow/Infiltration barriers in sanitary sewer manholes.

Justification

This project reconstructs streets in existing neighborhoods. A primary City Council goal is to enhance the street reconstruction program to stem the decline in overall street condition. The project would result in improved surface water quality as outlined in the Water Resources Management Plan. The sanitary sewer manhole lining reduces inflow/infiltration.

The City's water infrastructure is aging and must be replaced when cost-effective. The most cost-effective time is when streets are being reconstructed. Staff reviews each reconstruction area to determine the condition of the underlying water main. If the main is in poor condition and cannot be reasonably expected to last for the life of the new street surface it should be replaced.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|------------------|-------------|-------------|-------------|------------------|
| Planning/Design | 80,000 | | | | | 80,000 |
| Construction/Maintenance | | 1,170,000 | | | | 1,170,000 |
| Total | 80,000 | 1,170,000 | | | | 1,250,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-------------------------------|---------------|------------------|-------------|-------------|-------------|------------------|
| Sewer Fund | | 20,000 | | | | 20,000 |
| Special Assessments - Streets | | 330,000 | | | | 330,000 |
| Street Reconstruction Fund | 80,000 | 450,000 | | | | 530,000 |
| Water Fund | | 350,000 | | | | 350,000 |
| Water Resources Fund | | 20,000 | | | | 20,000 |
| Total | 80,000 | 1,170,000 | | | | 1,250,000 |

Project # 17-ST-001
Project Name 2017 Street Reconstruction

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project reconstructs streets that have deteriorated to the point where routine maintenance has become too costly and the streets life is nearing the end. Watermain will be evaluated and replaced if necessary. At a minimum, bolts connecting water valves and hydrants will be replaced. To improve water quality in this area, raingardens are planned. The number of raingardens corresponds directly with the miles of streets being reconstructed. The project also includes the installation of Inflow/Infiltration barriers in sanitary sewer manholes.

Justification

This project reconstructs streets in existing neighborhoods. A primary City Council goal is to enhance the street reconstruction program to stem the decline in overall street condition. The project would result in improved surface water quality as outlined in the Water Resources Management Plan. The sanitary sewer manhole lining reduces inflow/infiltration.

The City's water infrastructure is aging and must be replaced when cost-effective. The most cost-effective time is when streets are being reconstructed. Staff reviews each reconstruction area to determine the condition of the underlying water main. If the main is in poor condition and cannot be reasonably expected to last for the life of the new street surface it should be replaced.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|---------------|------------------|-------------|-------------|------------------|
| Planning/Design | | 80,000 | | | | 80,000 |
| Construction/Maintenance | | | 2,000,000 | | | 2,000,000 |
| Total | | 80,000 | 2,000,000 | | | 2,080,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-------------------------------|-------------|---------------|------------------|-------------|-------------|------------------|
| Sewer Fund | | | 10,000 | | | 10,000 |
| Special Assessments - Streets | | | 800,000 | | | 800,000 |
| Street Reconstruction Fund | | 80,000 | 1,160,000 | | | 1,240,000 |
| Water Fund | | | 10,000 | | | 10,000 |
| Water Resources Fund | | | 20,000 | | | 20,000 |
| Total | | 80,000 | 2,000,000 | | | 2,080,000 |

Project # 18-ST-001
Project Name 2018 Street Reconstruction

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project reconstructs streets that have deteriorated to the point where routine maintenance has become too costly and the streets life is nearing the end. Watermain will be evaluated and replaced if necessary. At a minimum, bolts connecting water valves and hydrants will be replaced. To improve water quality in this area, raingardens are planned. The number of raingardens corresponds directly with the miles of streets being reconstructed. The project also includes the installation of Inflow/Infiltration barriers in sanitary sewer manholes.

Justification

This project reconstructs streets in existing neighborhoods. A primary City Council goal is to enhance the street reconstruction program to stem the decline in overall street condition. The project would result in improved surface water quality as outlined in the Water Resources Management Plan. The sanitary sewer manhole lining reduces inflow/infiltration.

The City's water infrastructure is aging and must be replaced when cost-effective. The most cost-effective time is when streets are being reconstructed. Staff reviews each reconstruction area to determine the condition of the underlying water main. If the main is in poor condition and cannot be reasonably expected to last for the life of the new street surface it should be replaced.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|---------------|------------------|-------------|------------------|
| Planning/Design | | | 80,000 | | | 80,000 |
| Construction/Maintenance | | | | 2,000,000 | | 2,000,000 |
| Total | | | 80,000 | 2,000,000 | | 2,080,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-------------------------------|-------------|-------------|---------------|------------------|-------------|------------------|
| Sewer Fund | | | | 10,000 | | 10,000 |
| Special Assessments - Streets | | | | 800,000 | | 800,000 |
| Street Reconstruction Fund | | | 80,000 | 1,160,000 | | 1,240,000 |
| Water Fund | | | | 20,000 | | 20,000 |
| Water Resources Fund | | | | 10,000 | | 10,000 |
| Total | | | 80,000 | 2,000,000 | | 2,080,000 |

Project # 19-ST-001
Project Name 2019 Street Reconstruction

Department Streets
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project reconstructs streets that have deteriorated to the point where routine maintenance has become too costly and the streets life is nearing the end. Watermain will be evaluated and replaced if necessary. At a minimum, bolts connecting water valves and hydrants will be replaced. To improve water quality in this area, raingardens are planned. The number of raingardens corresponds directly with the miles of streets being reconstructed. The project also includes the installation of Inflow/Infiltration barriers in sanitary sewer manholes.

Justification

This project reconstructs streets in existing neighborhoods. A primary City Council goal is to enhance the street reconstruction program to stem the decline in overall street condition. The project would result in improved surface water quality as outlined in the Water Resources Management Plan. The sanitary sewer manhole lining reduces inflow/infiltration.

The City's water infrastructure is aging and must be replaced when cost-effective. The most cost-effective time is when streets are being reconstructed. Staff reviews each reconstruction area to determine the condition of the underlying water main. If the main is in poor condition and cannot be reasonably expected to last for the life of the new street surface it should be replaced.

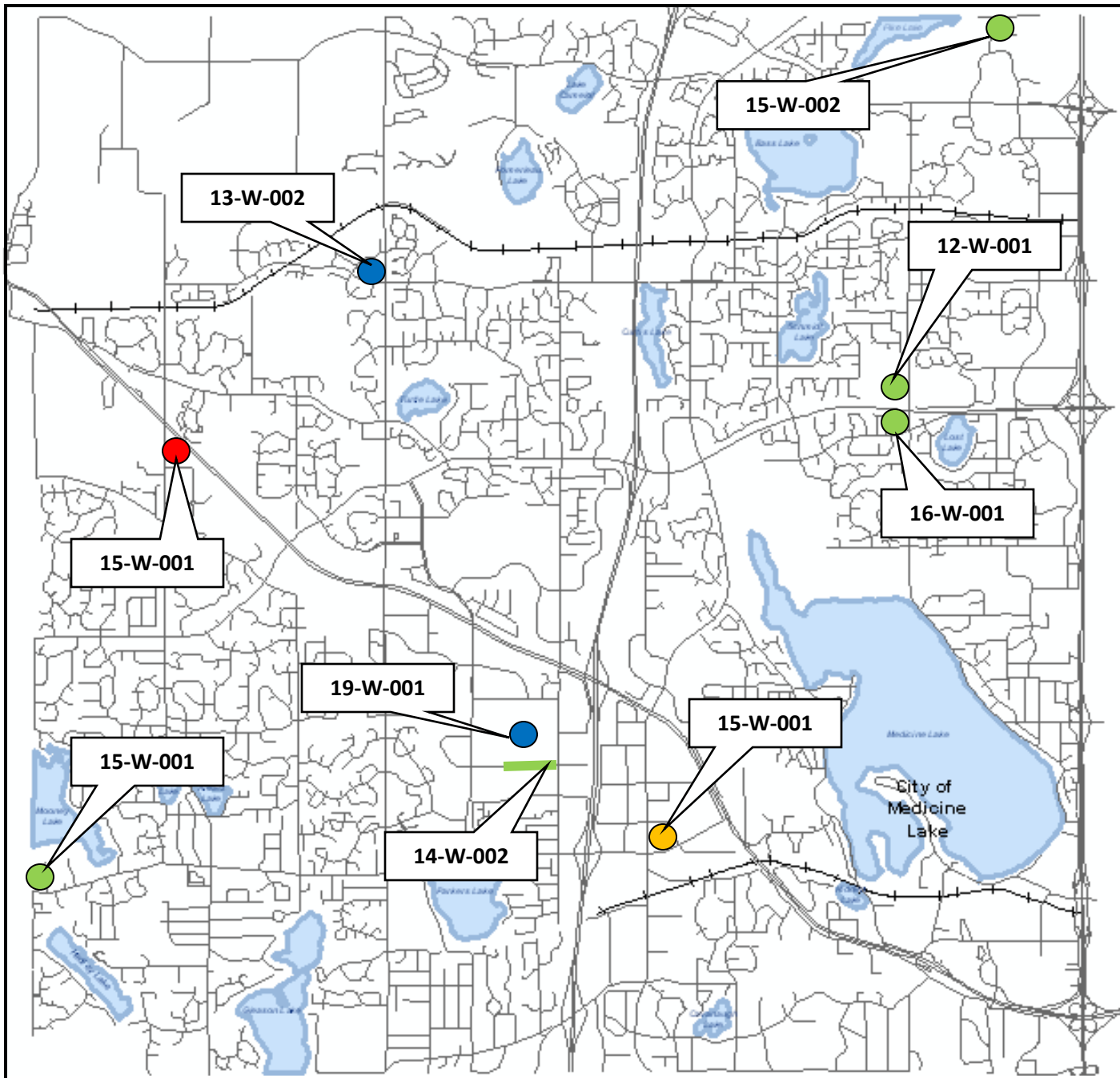
| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|---------------|------------------|------------------|
| Planning/Design | | | | 80,000 | | 80,000 |
| Construction/Maintenance | | | | | 2,000,000 | 2,000,000 |
| Total | | | | 80,000 | 2,000,000 | 2,080,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-------------------------------|-------------|-------------|-------------|---------------|------------------|------------------|
| Sewer Fund | | | | | 10,000 | 10,000 |
| Special Assessments - Streets | | | | | 800,000 | 800,000 |
| Street Reconstruction Fund | | | | 80,000 | 1,160,000 | 1,240,000 |
| Water Fund | | | | | 20,000 | 20,000 |
| Water Resources Fund | | | | | 10,000 | 10,000 |
| Total | | | | 80,000 | 2,000,000 | 2,080,000 |

City of Plymouth, Minnesota
Capital Improvement Program
 2015 thru 2019

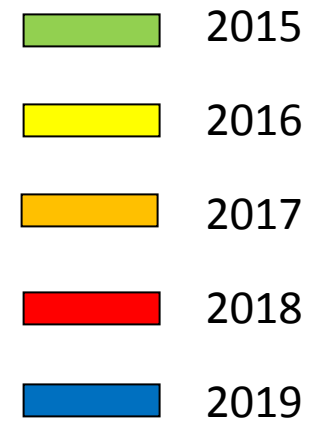
PROJECTS & FUNDING SOURCES BY DEPARTMENT

| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|----------|----------|------------------|------------------|----------------|----------------|------------------|-------------------|
| Water | | | | | | | | |
| Well Refurbishing | 07-W-002 | n/a | 255,000 | 255,000 | 265,000 | 270,000 | 280,000 | 1,325,000 |
| Trunk Watermain Oversizing | 08-W-003 | n/a | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 1,100,000 |
| Refurbish Zachary Water Tower | 12-W-001 | n/a | 1,000,000 | | | | | 1,000,000 |
| Wells 18 and 19 and New Water Treatment Plant | 13-W-002 | n/a | | | | | 7,600,000 | 7,600,000 |
| Replace Raw Watermain Well No. 6 to Well No. 4 | 14-W-002 | n/a | 170,000 | | | | | 170,000 |
| Powerwash Elevated Storage Facilities | 15-W-001 | n/a | 25,000 | 25,000 | 25,000 | 50,000 | 25,000 | 150,000 |
| Watermain Interconnect with Maple Grove | 15-W-002 | n/a | 100,000 | | | | | 100,000 |
| Water Meter Replacement | 15-W-003 | n/a | 2,000,000 | 3,000,000 | | | | 5,000,000 |
| Power Service Upgrades at Zachary WTP | 16-W-001 | n/a | 85,000 | | | | | 85,000 |
| Refurbish Central Water Tower | 19-W-001 | n/a | | | | 130,000 | 1,500,000 | 1,630,000 |
| Water Total | | | 3,855,000 | 3,500,000 | 510,000 | 670,000 | 9,625,000 | 18,160,000 |
| <i>Utility Trunk Fund</i> | | | 220,000 | 220,000 | 220,000 | 220,000 | 7,820,000 | 8,700,000 |
| <i>Water and Sewer Replacement Fund (412)</i> | | | 2,000,000 | 3,000,000 | | | | 5,000,000 |
| <i>Water Fund</i> | | | 1,635,000 | 280,000 | 290,000 | 450,000 | 1,805,000 | 4,460,000 |
| Water Total | | | 3,855,000 | 3,500,000 | 510,000 | 670,000 | 9,625,000 | 18,160,000 |
| Grand Total | | | 3,855,000 | 3,500,000 | 510,000 | 670,000 | 9,625,000 | 18,160,000 |



2015-2019 Capital Improvement Program

Water Projects



Note: Not all CIP projects shown on map.



Adding Quality to Life

Project # 07-W-002
Project Name Well Refurbishing

Department Water
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This program would repair/upgrade 2 well motors and pumps on City wells per year.

Justification

This project keeps infrastructure items operating and upgraded. These projects were previously programmed in the operating budget.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Planning/Design | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 100,000 |
| Construction/Maintenance | 235,000 | 235,000 | 245,000 | 250,000 | 260,000 | 1,225,000 |
| Total | 255,000 | 255,000 | 265,000 | 270,000 | 280,000 | 1,325,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Water Fund | 255,000 | 255,000 | 265,000 | 270,000 | 280,000 | 1,325,000 |
| Total | 255,000 | 255,000 | 265,000 | 270,000 | 280,000 | 1,325,000 |

Project # 08-W-003
Project Name Trunk Watermain Oversizing

Department Water
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would reimburse developer(s) for the oversize installation of trunk watermain as identified in the Comprehensive Plan Development Staging Plan. The actual timing of the improvement will depend on development activity.

Justification

The City's Comprehensive Plan contemplates the extension of trunk watermain in accordance with the Development Staging Plan. The looping of trunk water main would serve new development and improve the flow of water in the area.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 1,100,000 |
| Total | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 1,100,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Utility Trunk Fund | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 1,100,000 |
| Total | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 1,100,000 |

Project # 12-W-001
Project Name Refurbish Zachary Water Tower

Department Water
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would repaint the Zachary water tower located on the west side of Zachary Lane north of Rockford Road. The Zachary water tower provides 2,000,000 gallons of elevated storage for the City's water system. Pressure washing the interior and exterior of the tower in 2011 will be needed prior to repainting.

Justification

Water towers typically have to be repainted every 15 to 20 years. The Zachary tower was last painted in 1991. If a tower is not repainted on a periodic basis, it will rust which can lead to structural problems. Painting would include repair of any structural deficiencies identified in the Tank Evaluation Report. The tower will be re-evaluated prior to the scheduled repainting.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Construction/Maintenance | 1,000,000 | | | | | 1,000,000 |
| Total | 1,000,000 | | | | | 1,000,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|------------------|-------------|-------------|-------------|-------------|------------------|
| Water Fund | 1,000,000 | | | | | 1,000,000 |
| Total | 1,000,000 | | | | | 1,000,000 |

Project # 13-W-002
Project Name Wells 18 and 19 and New Water Treatment Plant

Department Water
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

Wells 18 and 19 could be considered in a new well field on the site of the Vicksburg Reservoir. An additional supply source near the Vicksburg Reservoir would also help to alleviate some of the pressure problems experienced in the area while the reservoir is filling. The water treatment plant capacity needs to be increased to provide a safe water supply in the future. The maximum day demand is projected to surpass 30 MGD in 2012 and reach 32.1 MGD by 2030. Constructing Wells 18 and 19 near the Vicksburg Reservoir would likely require a third, smaller water treatment plant to treat those wells. The minimum treatment capacity would be 2.9 MGD to treat two 1,000 GPM wells constructed on opposite sides of the Vicksburg Reservoir site. This improvement would increase the City's total treatment capacity to roughly 32.9 MGD, which is greater than the projected maximum day demand in 2030.

Justification

With the construction of Wells 18 and 19, the City should have sufficient supply capacity until 2018. The combined rated capacity of the Central and Zachary Water Treatment Plants is 28 MGD. The Zachary Water Treatment Plant may be capable of treating an additional 2 MGD when future wells are added to the Zachary well field. If constructed, a third treatment plant should be designed for expansion to roughly 6 MGD in the future. This would allow future Well 20 to be treated at this plant if a feasible well site is located nearby.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|-------------|------------------|------------------|
| Construction/Maintenance | | | | | 7,600,000 | 7,600,000 |
| Total | | | | | 7,600,000 | 7,600,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|-------------|------------------|------------------|
| Utility Trunk Fund | | | | | 7,600,000 | 7,600,000 |
| Total | | | | | 7,600,000 | 7,600,000 |

Project # 14-W-002
Project Name Replace Raw Watermain Well No. 6 to Well No. 4

Department Water
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project will replace the raw watermain between Well No. 6 and Well No. 4. This line has experienced a number of breaks and is in need of replacement.

Justification

This line has experienced a number of breaks and is in need of replacement.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 170,000 | | | | | 170,000 |
| Total | 170,000 | | | | | 170,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Water Fund | 170,000 | | | | | 170,000 |
| Total | 170,000 | | | | | 170,000 |

Project # 15-W-001
Project Name Powerwash Elevated Storage Facilities

Department Water
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would powerwash all elevated structures on a 5 year rotation.

- 2015 - County Road 6 Standpipe (painted in 2006)
- 2016 - Central Water Tower (painted in 2002)
- 2017 - MIP Water Tower (painted in 2012)
- 2018 - CR 101 Water Tower (painted in 2013)
- 2019 - Zachary Water Tower (painted in 2015)

Justification

Powerwashing has shown to be effective in prolonging paint life and improves aesthetics. The need to powerwash will be evaluated annually.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | 25,000 | 25,000 | 25,000 | 50,000 | 25,000 | 150,000 |
| Total | 25,000 | 25,000 | 25,000 | 50,000 | 25,000 | 150,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Water Fund | 25,000 | 25,000 | 25,000 | 50,000 | 25,000 | 150,000 |
| Total | 25,000 | 25,000 | 25,000 | 50,000 | 25,000 | 150,000 |

Project # 15-W-002
Project Name Watermain Interconnect with Maple Grove

Department Water
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would make an intercommunity connection with Maple Grove from the cul de sac on Trenton Lane north to an existing Maple Grove watermain for an emergency connection.

Justification

Both communities would benefit from having an interconnection in this area. There are not other cross connections in this portion of the city should water service be lost in either community.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 100,000 | | | | | 100,000 |
| Total | 100,000 | | | | | 100,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Water Fund | 100,000 | | | | | 100,000 |
| Total | 100,000 | | | | | 100,000 |

Project # 15-W-003
Project Name Water Meter Replacement

Department Water
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project will replace approximately 75% of the city's water meters with automatically read meters.

Justification

More accurate billing and reduced meter reading costs should result from the replacement of all aged meters.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|----------------------------|------------------|------------------|-------------|-------------|-------------|------------------|
| Equip/Vehicles/Furnishings | 2,000,000 | 3,000,000 | | | | 5,000,000 |
| Total | 2,000,000 | 3,000,000 | | | | 5,000,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|------------------|------------------|-------------|-------------|-------------|------------------|
| Water and Sewer Replacement Fund (412) | 2,000,000 | 3,000,000 | | | | 5,000,000 |
| Total | 2,000,000 | 3,000,000 | | | | 5,000,000 |

Project # 16-W-001
Project Name Power Service Upgrades at Zachary WTP

Department Water
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would replace the main power control breakers and update the power service unit at the Zachary Water Treatment Plant.

Justification

The main control breakers at the Zachary Water Treatment Plant are original equipment and have experienced many power failures and and upgrade to the plant.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Construction/Maintenance | 85,000 | | | | | 85,000 |
| Total | 85,000 | | | | | 85,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| Water Fund | 85,000 | | | | | 85,000 |
| Total | 85,000 | | | | | 85,000 |

Project # 19-W-001
Project Name Refurbish Central Water Tower

Department Water
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would repaint the Central water tower located at the Public Works Maintenance Facility. The Central water tower provides 1,500,000 gallons of elevated storage for the City's water system. Pressure washing the interior and exterior of the tower in 2016 will be needed prior to repainting.

Justification

Water towers typically have to be repainted every 15 to 20 years. The Central tower was last painted in 2001. If a tower is not repainted on a periodic basis, it will rust which can lead to structural problems. The tower will be re-evaluated prior to the scheduled repainting.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|-------------|----------------|------------------|------------------|
| Planning/Design | | | | 70,000 | | 70,000 |
| Construction/Maintenance | | | | 60,000 | 1,500,000 | 1,560,000 |
| Total | | | | 130,000 | 1,500,000 | 1,630,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|-------------|----------------|------------------|------------------|
| Water Fund | | | | 130,000 | 1,500,000 | 1,630,000 |
| Total | | | | 130,000 | 1,500,000 | 1,630,000 |

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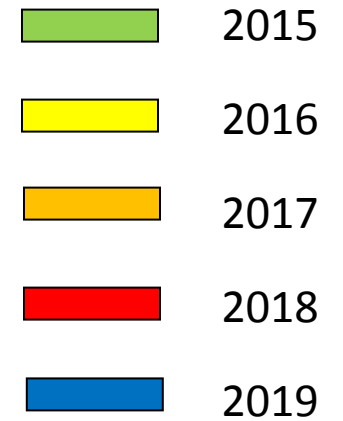
City of Plymouth, Minnesota
Capital Improvement Program
 2015 thru 2019

PROJECTS & FUNDING SOURCES BY DEPARTMENT

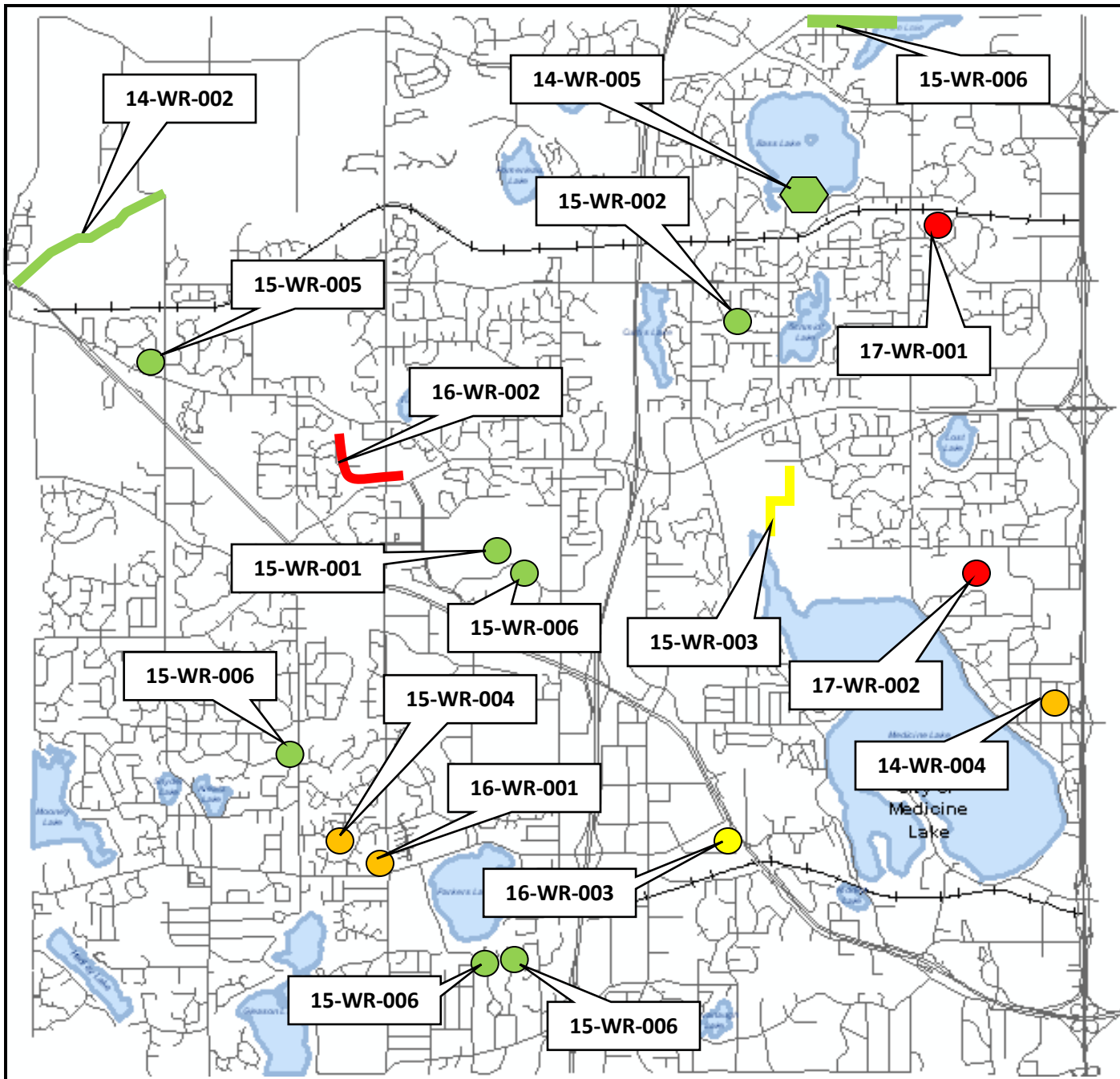
| Department | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|-----------------|-----------------|------------------|------------------|------------------|----------------|----------------|------------------|
| Water Resources | | | | | | | | |
| Maintain Water Quality Ponds | 06-WR-002 | n/a | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |
| Unspecified Drainage Improvements | 08-WR-003 | n/a | | 250,000 | 250,000 | 250,000 | 250,000 | 1,000,000 |
| Elm Creek Stream Restoration | 14-WR-002 | n/a | 500,000 | 400,000 | | | | 900,000 |
| Kilmer Park Pond and Stream Restoration | 14-WR-004 | n/a | 45,000 | 45,000 | 300,000 | | | 390,000 |
| Bass Lake Alum Treatment Facility | 14-WR-005 | n/a | 375,000 | | | | | 375,000 |
| Plymouth Creek Park Stream Restoration | 15-WR-001 | n/a | 25,000 | 50,000 | 400,000 | | | 475,000 |
| Schmidt Lake Storm Sewer Lift Station Rehab. | 15-WR-002 | n/a | 200,000 | | | | | 200,000 |
| Mount Olivet Stream Restoration | 15-WR-003 | n/a | 25,000 | 225,000 | | | | 250,000 |
| Chelsea Woods Drainage - Weston Ln. to CR 6 | 15-WR-004 | n/a | 25,000 | 50,000 | 300,000 | 300,000 | | 675,000 |
| Plum Tree 3rd Addition Drainage Maintenance | 15-WR-005 | n/a | 200,000 | | | | | 200,000 |
| 2015 Drainage Improvements | 15-WR-006 | n/a | 475,000 | | | | | 475,000 |
| Weston Lane Storm Sewer Lift Station Rehab. | 16-WR-001 | n/a | | 50,000 | 500,000 | | | 550,000 |
| Plymouth Creek Stream Restoration | 16-WR-002 | n/a | | 25,000 | 25,000 | 100,000 | 100,000 | 250,000 |
| 15th Ave./ Pineview Lane Storm Sewer Replacement | 16-WR-003 | n/a | 20,000 | 770,000 | 750,000 | | | 1,540,000 |
| Wild Wings Western Wetland Improvements | 17-WR-001 | n/a | | | 25,000 | 100,000 | 100,000 | 225,000 |
| Wood Creek Tributary - Armstrong H.S. to 34th Ave. | 17-WR-002 | n/a | | | 25,000 | 25,000 | 150,000 | 200,000 |
| Water Resources Total | | | 1,980,000 | 1,955,000 | 2,665,000 | 865,000 | 690,000 | 8,155,000 |
| <i>Bassett Creek Watershed</i> | | | 25,000 | 50,000 | 400,000 | | | 475,000 |
| <i>Elm Creek Watershed</i> | | | 50,000 | 50,000 | | | | 100,000 |
| <i>Shingle Creek Watershed</i> | | | 210,000 | | | | | 210,000 |
| <i>Water Resources Fund</i> | | | 1,695,000 | 1,855,000 | 2,265,000 | 865,000 | 690,000 | 7,370,000 |
| Water Resources Total | | | 1,980,000 | 1,955,000 | 2,665,000 | 865,000 | 690,000 | 8,155,000 |
| Grand Total | | | 1,980,000 | 1,955,000 | 2,665,000 | 865,000 | 690,000 | 8,155,000 |

2015-2019 Capital Improvement Program

Water Resources Projects



Note: Not all CIP projects shown on map.



Project # 06-WR-002
Project Name Maintain Water Quality Ponds

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would clean out and maintain two or three of the water quality ponds that were constructed to protect the City's natural resources from degradation.

Justification

The City has over 250 water quality ponds that had been covered under pond maintenance agreements and ponds dedicated with development. These ponds need to be cleaned and/or maintained periodically to function properly. The maintenance program for these ponds will be phased in beginning with those ponds in the worst condition.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Construction/Maintenance | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |
| Total | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Water Resources Fund | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |
| Total | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |

Project # 08-WR-003
Project Name Unspecified Drainage Improvements

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The City of Plymouth has approximately 800 ponds, wetlands, and other water features not classified as water quality ponds. These water features all need to be maintained on a periodic basis. Unspecified drainage projects cover the maintenance and cleaning of these water features. Drainage improvements are specified in the current program year.

Justification

Maintenance and cleaning of these water features was a recommendation of the Surface Water Task force. These drainage improvements will likely reduce the potential for flooding and may help to improve water quality, both of which are primary goals of the Surface Water Management Plan.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|----------------|----------------|----------------|----------------|------------------|
| Construction/Maintenance | | 250,000 | 250,000 | 250,000 | 250,000 | 1,000,000 |
| Total | | 250,000 | 250,000 | 250,000 | 250,000 | 1,000,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|----------------|----------------|----------------|----------------|------------------|
| Water Resources Fund | | 250,000 | 250,000 | 250,000 | 250,000 | 1,000,000 |
| Total | | 250,000 | 250,000 | 250,000 | 250,000 | 1,000,000 |

Project # 14-WR-002
Project Name Elm Creek Stream Restoration

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The Elm Creek Watershed District has identified significant improvements to be made to Elm Creek to restore the stream to it's original shape and location.

Justification

The stream has significant erosion. Elm Creek is a state-listed impaired water.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|----------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 500,000 | 400,000 | | | | 900,000 |
| Total | 500,000 | 400,000 | | | | 900,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|----------------|-------------|-------------|-------------|----------------|
| Elm Creek Watershed | 50,000 | 50,000 | | | | 100,000 |
| Water Resources Fund | 450,000 | 350,000 | | | | 800,000 |
| Total | 500,000 | 400,000 | | | | 900,000 |

Project # 14-WR-004
Project Name Kilmer Park Pond and Stream Restoration

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would repair erosion that is occurring in an existing drainageway in Kilmer Park. Various methods of repairing erosion will be investigated including installation of storm sewer pipe, bioengineering techniques and rip rap and gabion installation.

Justification

The erosion that is occurring is threatening the stability of a structure. The debris that erodes compromises the capacity of the downstream storm sewer causing the potential for flooding. BCWMC participation in this project will be solicited.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|----------------|-------------|-------------|----------------|
| Planning/Design | 45,000 | 45,000 | | | | 90,000 |
| Construction/Maintenance | | | 300,000 | | | 300,000 |
| Total | 45,000 | 45,000 | 300,000 | | | 390,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|---------------|----------------|-------------|-------------|----------------|
| Water Resources Fund | 45,000 | 45,000 | 300,000 | | | 390,000 |
| Total | 45,000 | 45,000 | 300,000 | | | 390,000 |

Project # 14-WR-005
Project Name Bass Lake Alum Treatment Facility

Department Water Resources
Contact
Type Improvement/Acquisition
Useful Life
Category Public Works
Priority

Description

This project would assist in improving the water quality in Bass Lake, a State listed impaired water, and assist the City in meeting the goals of the Schmidt, Pomerleau and Bass Lake nutrient Total Maximum Daily Load (TMDL) plans.

Justification

The City is required to develop and incorporate projects, programs and practices to comply with approved TMDL plans.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 375,000 | | | | | 375,000 |
| Total | 375,000 | | | | | 375,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Shingle Creek Watershed | 210,000 | | | | | 210,000 |
| Water Resources Fund | 165,000 | | | | | 165,000 |
| Total | 375,000 | | | | | 375,000 |

Project # 15-WR-001
Project Name Plymouth Creek Park Stream Restoration

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would repair erosion that is occurring in Plymouth Creek in Plymouth Creek Park. Various methods of repairing erosion will be investigated including installation of storm sewer pipe, bioengineering techniques and rip rap and gabion installation.

Justification

The erosion that is occurring is threatening the stability of a structure. The debris that erodes compromises the capacity of the downstream storm sewer causing the potential for flooding. BCWMC participation in this project will be solicited.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|----------------|-------------|-------------|----------------|
| Planning/Design | 25,000 | 50,000 | | | | 75,000 |
| Construction/Maintenance | | | 400,000 | | | 400,000 |
| Total | 25,000 | 50,000 | 400,000 | | | 475,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-------------------------|---------------|---------------|----------------|-------------|-------------|----------------|
| Bassett Creek Watershed | 25,000 | 50,000 | 400,000 | | | 475,000 |
| Total | 25,000 | 50,000 | 400,000 | | | 475,000 |

Project # 15-WR-002
Project Name Schmidt Lake Storm Sewer Lift Station Rehab.

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The project would upgrade the Schmidt Lake storm sewer lift station which is located on 46th Avenue west of the lake.

Justification

The Schmidt Lake lift station was constructed in 1990.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 200,000 | | | | | 200,000 |
| Total | 200,000 | | | | | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Water Resources Fund | 200,000 | | | | | 200,000 |
| Total | 200,000 | | | | | 200,000 |

Project # 15-WR-003
Project Name Mount Olivet Stream Restoration

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

1,000 feet of stream restoration to repair erosion and reduce total suspended solids (tss) and phosphorous loading to Medicine Lake.

Justification

This project would assist the City in meeting the goals of the Medicine Lake TMDL plan.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|----------------|-------------|-------------|-------------|----------------|
| Planning/Design | 25,000 | | | | | 25,000 |
| Construction/Maintenance | | 225,000 | | | | 225,000 |
| Total | 25,000 | 225,000 | | | | 250,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|----------------|-------------|-------------|-------------|----------------|
| Water Resources Fund | 25,000 | 225,000 | | | | 250,000 |
| Total | 25,000 | 225,000 | | | | 250,000 |

Project # 15-WR-004
Project Name Chelsea Woods Drainage - Weston Ln. to CR 6

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

Poor drainage throughout the Chelsea Woods neighborhood has led to street and property flooding in several areas. This project would inspect/repair/replace storm sewer and improve drainage.

Justification

Improving the drainage would reduce flooding potential and maintenance costs.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|---------------|----------------|----------------|-------------|----------------|
| Planning/Design | 25,000 | 50,000 | | | | 75,000 |
| Construction/Maintenance | | | 300,000 | 300,000 | | 600,000 |
| Total | 25,000 | 50,000 | 300,000 | 300,000 | | 675,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|---------------|----------------|----------------|-------------|----------------|
| Water Resources Fund | 25,000 | 50,000 | 300,000 | 300,000 | | 675,000 |
| Total | 25,000 | 50,000 | 300,000 | 300,000 | | 675,000 |

Project # 15-WR-005
Project Name Plum Tree 3rd Addition Drainage Maintenance

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would improve drainage from a water quality pond in Plum Tree 3rd Addition through a wetland mitigation site and wetland located between 45th Avenue and 46th Avenue and Queensland Lane and Urbandale Lane.

Justification

Staff has received complaints about and has observed high water levels and there are concerns about flooding.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 200,000 | | | | | 200,000 |
| Total | 200,000 | | | | | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Water Resources Fund | 200,000 | | | | | 200,000 |
| Total | 200,000 | | | | | 200,000 |

Project # 15-WR-006
Project Name 2015 Drainage Improvements

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The City of Plymouth has approximately 800 ponds, wetlands, and other water features not classified as water quality ponds. These water features all need to be maintained on a periodic basis. Unspecified drainage projects (08-WR-003) covers the maintenance and cleaning of these water features in future years of the CIP.

Drainage improvements for the current program year are as follows:
- Fazenden Park 2nd (\$100,000)
- Parkdale (\$75,000)
- Pike Creek Gabion Repair (\$150,000)
- Park Place (\$100,000)
- Glen Grove Acres (\$50,000)

Storm sewer improvements for the current program year are as follows:
-- Pipe replacement at 28th Avenue and Everest Lane (\$30,000)

Justification

Maintenance and cleaning of these water features was a recommendation of the Surface Water Taskforce. These drainage improvements will likely reduce the potential for flooding and may help to improve water quality.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Construction/Maintenance | 475,000 | | | | | 475,000 |
| Total | 475,000 | | | | | 475,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|----------------|-------------|-------------|-------------|-------------|----------------|
| Water Resources Fund | 475,000 | | | | | 475,000 |
| Total | 475,000 | | | | | 475,000 |

Project # 16-WR-001
Project Name Weston Lane Storm Sewer Lift Station Rehab.

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The project would upgrade the Weston Lane storm sewer lift station which is located on Weston Lane north of County Road 6.

Justification

The Weston Lane lift station was constructed in 2005 to address flooding concerns. The lift station currently runs nearly continuously because storm water cycles through the system.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|---------------|----------------|-------------|-------------|----------------|
| Planning/Design | | 50,000 | | | | 50,000 |
| Construction/Maintenance | | | 500,000 | | | 500,000 |
| Total | | 50,000 | 500,000 | | | 550,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|----------------|-------------|-------------|----------------|
| Water Resources Fund | | 50,000 | 500,000 | | | 550,000 |
| Total | | 50,000 | 500,000 | | | 550,000 |

Project # 16-WR-002
Project Name Plymouth Creek Stream Restoration

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would repair erosion that is occurring in Plymouth Creek from Yuma Lane to Vicksburg Lane. Various methods of repairing erosion will be investigated including installation of storm sewer pipe, bioengineering techniques and rip rap and gabion installation.

Justification

This project would assist in meeting the Medicine Lake TMDL.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|---------------|---------------|----------------|----------------|----------------|
| Planning/Design | | 25,000 | 25,000 | | | 50,000 |
| Construction/Maintenance | | | | 100,000 | 100,000 | 200,000 |
| Total | | 25,000 | 25,000 | 100,000 | 100,000 | 250,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|---------------|---------------|----------------|----------------|----------------|
| Water Resources Fund | | 25,000 | 25,000 | 100,000 | 100,000 | 250,000 |
| Total | | 25,000 | 25,000 | 100,000 | 100,000 | 250,000 |

Project # 16-WR-003
Project Name 15th Ave./ Pineview Lane Storm Sewer Replacement

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

The project would replace the failing corrugated metal storm sewer under TH 55 near 15th Avenue and Pineview Lane. The existing storm sewer also has a sanitary trunk line inside the pipe that will need to be replaced and relocated. See Project No. 15-SS-002.

Justification

Failure of the existing storm sewer could result in damage to property as well as failure of the sanitary line.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|---------------|----------------|----------------|-------------|-------------|------------------|
| Planning/Design | 20,000 | 20,000 | | | | 40,000 |
| Construction/Maintenance | | 750,000 | 750,000 | | | 1,500,000 |
| Total | 20,000 | 770,000 | 750,000 | | | 1,540,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|---------------|----------------|----------------|-------------|-------------|------------------|
| Water Resources Fund | 20,000 | 770,000 | 750,000 | | | 1,540,000 |
| Total | 20,000 | 770,000 | 750,000 | | | 1,540,000 |

Project # 17-WR-001
Project Name Wild Wings Western Wetland Improvements

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would provide improved flow and flood protection near the northeast corner of Zachary Lane and Schmidt Lake Road.

Justification

Routine maintenance is required at the outlets and outfalls of this wetland.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|---------------|----------------|----------------|----------------|
| Planning/Design | | | 25,000 | | | 25,000 |
| Construction/Maintenance | | | | 100,000 | 100,000 | 200,000 |
| Total | | | 25,000 | 100,000 | 100,000 | 225,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|----------------|----------------|----------------|
| Water Resources Fund | | | 25,000 | 100,000 | 100,000 | 225,000 |
| Total | | | 25,000 | 100,000 | 100,000 | 225,000 |

Project # 17-WR-002
Project Name Wood Creek Tributary - Armstrong H.S. to 34th Ave.

Department Water Resources
Contact
Type Repair/Replacement
Useful Life
Category Public Works
Priority

Description

This project would repair erosion and reduce debris in a drainageway from Armstrong H.S. and 34th Avenue.

Justification

Frequent inspections are currently required to prevent flooding.

| Expenditures | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--------------------------|-------------|-------------|---------------|---------------|----------------|----------------|
| Planning/Design | | | 25,000 | 25,000 | | 50,000 |
| Construction/Maintenance | | | | | 150,000 | 150,000 |
| Total | | | 25,000 | 25,000 | 150,000 | 200,000 |

| Funding Sources | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|------------------------|-------------|-------------|---------------|---------------|----------------|----------------|
| Water Resources Fund | | | 25,000 | 25,000 | 150,000 | 200,000 |
| Total | | | 25,000 | 25,000 | 150,000 | 200,000 |

City of Plymouth, Minnesota
Capital Improvement Program
2015 thru 2019

FUNDING SOURCE SUMMARY

| Source | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Bassett Creek Watershed | 25,000 | 50,000 | 400,000 | | | 475,000 |
| Bonds | 3,295,000 | | | | | 3,295,000 |
| Capital Improvement Fund (FND 409) | 2,500,000 | 105,000 | | | | 2,605,000 |
| Central Equipment Fund | 1,783,000 | 3,162,000 | 1,812,400 | 3,043,400 | 1,459,300 | 11,260,100 |
| Construction Improvement Fund (CON 413) | | 500,000 | 4,500,000 | | | 5,000,000 |
| Donations | 340,000 | | | | | 340,000 |
| Elm Creek Watershed | 50,000 | 50,000 | | | | 100,000 |
| Facilities Management | 565,000 | 412,000 | 261,000 | 335,000 | 350,000 | 1,923,000 |
| Federal Funding | | 150,000 | | | | 150,000 |
| Field House Fund | | | | | 500,000 | 500,000 |
| General Fund | 35,000 | | | | | 35,000 |
| General Project Fund (Gen. Fund Reserves) | 323,000 | 1,000,000 | | | | 1,323,000 |
| Grants | 200,000 | | | | | 200,000 |
| Ice Center Fund | 254,000 | 160,000 | 65,000 | 32,000 | 215,000 | 726,000 |
| Information Technology Fund | 700,000 | 760,000 | 27,000 | 100,000 | | 1,587,000 |
| Municipal State Aid Fund | 414,000 | 560,000 | 500,000 | | | 1,474,000 |
| Other | 18,725,000 | 6,000,000 | | | 2,000,000 | 26,725,000 |
| Park Dedication Fund | 2,325,000 | 1,710,000 | 1,155,000 | 1,900,000 | 400,000 | 7,490,000 |
| Park Replacement Fund | 1,682,000 | 796,000 | 550,000 | 1,505,000 | 1,545,000 | 6,078,000 |
| Resource Planning | 75,000 | 30,000 | | | | 105,000 |
| Risk Management | 30,000 | | | | | 30,000 |
| Sewer Fund | 1,570,000 | 2,040,000 | 2,070,000 | 1,640,000 | 1,010,000 | 8,330,000 |
| Shingle Creek Watershed | 210,000 | | | | | 210,000 |
| Solid Waste | 60,000 | | | | | 60,000 |
| Special Assessments - Streets | 2,176,000 | 1,220,000 | 1,600,000 | 1,600,000 | 1,600,000 | 8,196,000 |
| Street Reconstruction Fund | 4,649,000 | 3,295,000 | 4,600,000 | 4,120,000 | 4,070,000 | 20,734,000 |
| Street Reconstruction Fund (Gen. Fund Reserves) | 692,665 | | | | | 692,665 |
| Utility Trunk Fund | 320,000 | 320,000 | 320,000 | 320,000 | 7,920,000 | 9,200,000 |
| Water and Sewer Replacement Fund (412) | 2,000,000 | 3,000,000 | | | | 5,000,000 |
| Water Fund | 2,705,500 | 680,000 | 300,000 | 470,000 | 1,825,000 | 5,980,500 |
| Water Resources Fund | 1,755,500 | 1,905,000 | 2,285,000 | 875,000 | 700,000 | 7,520,500 |
| GRAND TOTAL | 49,459,665 | 27,905,000 | 20,445,400 | 15,940,400 | 23,594,300 | 137,344,765 |

City of Plymouth, Minnesota
Capital Improvement Program
 2015 thru 2019

PROJECTS BY FUNDING SOURCE

| Source | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|------------|----------|------------------|----------------|----------------|---------|------|------------------|
| Bassett Creek Watershed | | | | | | | | |
| Plymouth Creek Park Stream Restoration | 15-WR-001 | n/a | 25,000 | 50,000 | 400,000 | | | 475,000 |
| Bassett Creek Watershed Total | | | 25,000 | 50,000 | 400,000 | | | 475,000 |
| Bonds | | | | | | | | |
| Land Acquisition | 07-PR-003 | n/a | 3,295,000 | | | | | 3,295,000 |
| Bonds Total | | | 3,295,000 | | | | | 3,295,000 |
| Capital Improvement Fund (FND 409) | | | | | | | | |
| Rail X-ing Safety Improvements - Zachary Lane | 08-ST-006 | n/a | | 105,000 | | | | 105,000 |
| Northwest Greenway Trail | 14-PR-005 | n/a | 500,000 | | | | | 500,000 |
| Ice Center Refrigerant Conversion | 15-PIC-001 | n/a | 800,000 | | | | | 800,000 |
| Ice Center Olympic Rink Conversion | 15-PIC-002 | n/a | 650,000 | | | | | 650,000 |
| Replace Ice Center Roof | 16-PIC-002 | n/a | 550,000 | | | | | 550,000 |
| Capital Improvement Fund (FND 409) Total | | | 2,500,000 | 105,000 | | | | 2,605,000 |
| Central Equipment Fund | | | | | | | | |
| Single Axle Plow with Sander 1998 Sterling | 09-CE-273 | n/a | | 180,000 | | | | 180,000 |
| Wheel Loader with Plow Wing 1995 John Deere 624H | 10-CE-200 | n/a | 190,000 | | | | | 190,000 |
| Single Axle Plow with Sander 1999 Sterling | 10-CE-274 | n/a | | 200,000 | | | | 200,000 |
| One Ton with Plow | 10-CE-582 | n/a | | 68,000 | | | | 68,000 |
| Street Sweeper | 11-CE-230 | n/a | | 180,000 | | | | 180,000 |
| Air Compressor | 11-CE-319 | n/a | | | | 38,000 | | 38,000 |
| Engineering SUV | 11-CE-498 | n/a | 28,000 | | | | | 28,000 |
| One Ton 4X4 with Plow | 11-CE-585 | n/a | | 68,000 | | | | 68,000 |
| Police Dodge Charger | 12-CE-150 | n/a | 40,000 | | | | | 40,000 |
| Back Hoe | 12-CE-237 | n/a | | | | 150,000 | | 150,000 |
| Hammer for Back Hoe | 12-CE-237A | n/a | | | | 30,000 | | 30,000 |
| Floor Sweeper/Scrubber for Public Works | 12-CE-745 | n/a | | 60,000 | | | | 60,000 |
| Truck Mounted Patch Unit 2003 Auger style | 13-CE-212 | n/a | | 65,000 | | | | 65,000 |
| Motorgrader | 13-CE-238 | n/a | | | | 308,000 | | 308,000 |
| One Ton Truck with Plow/ Sander | 13-CE-253 | n/a | | 72,000 | | | | 72,000 |
| Single Axle Plow with Sander | 13-CE-283 | n/a | | | | 200,000 | | 200,000 |
| 3/4 Ton Pickup with Plow | 13-CE-357 | n/a | 37,000 | | | | | 37,000 |
| Engineering All Wheel Drive Van | 13-CE-404 | n/a | 26,000 | | | | | 26,000 |
| Fire Inspections SUV | 13-CE-405 | n/a | 27,000 | | | | | 27,000 |
| All Surface Vehicle | 13-CE-537 | n/a | 45,000 | | | | | 45,000 |
| Chipper Truck | 13-CE-590 | n/a | | 77,000 | | | | 77,000 |
| One Ton Truck with Plow | 13-CE-592 | n/a | | 70,000 | | | | 70,000 |
| 3/4 Ton Pickup With Irrigation Utility Box | 13-CE-595 | n/a | | 39,000 | | | | 39,000 |

| Source | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|--------------|----------|---------|---------|---------|------|---------|---------|
| Fire Rescue Pumper E-21 | 14-CE-034 | n/a | 475,000 | | | | | 475,000 |
| Excavator | 14-CE-228 | n/a | | | | | 200,000 | 200,000 |
| Spray Patcher Roscoe | 14-CE-234 | n/a | | 200,000 | | | | 200,000 |
| 3/4 Ton Pickup with Plow | 14-CE-246 | n/a | 37,000 | | | | | 37,000 |
| Lowboy Trailer | 14-CE-255 | n/a | 82,000 | | | | | 82,000 |
| Single Axle Plow with Sander | 14-CE-279 | n/a | | | 200,000 | | | 200,000 |
| 3/4 Ton Pickup with Plow | 14-CE-355 | n/a | | 37,000 | | | | 37,000 |
| Zero Turn Mower/Snow Blower | 14-CE-521 | n/a | 61,000 | | | | | 61,000 |
| Self Propelled Sprayer | 14-CE-561 | n/a | | 0 | | | | 0 |
| 3/4 Ton Pickup with Plow | 14-CE-599 | n/a | | 37,000 | | | | 37,000 |
| Fire Utility Pickup | 14-CE-NEW2 | n/a | 40,000 | | | | | 40,000 |
| Fire Chief SUV | 15-CE-037 | n/a | | 35,000 | | | | 35,000 |
| Police CSO 1/2 Ton Pickup | 15-CE-1709 | n/a | 30,000 | | | | | 30,000 |
| Police Investigator Car | 15-CE-181 | n/a | 29,000 | | | | | 29,000 |
| Trench Compactor | 15-CE-205 | n/a | | 40,000 | | | | 40,000 |
| 40' Conveyor | 15-CE-224 | n/a | | 41,000 | | | | 41,000 |
| Truck Tractor | 15-CE-254 | n/a | 125,000 | | | | | 125,000 |
| Tack Distributer and Chasis | 15-CE-256A | n/a | 170,000 | | | | | 170,000 |
| One Ton Truck | 15-CE-358 | n/a | 76,000 | | | | | 76,000 |
| Mower 6' | 15-CE-5000 | n/a | | 62,000 | | | | 62,000 |
| Mower 6' | 15-CE-5001 | n/a | 61,000 | | | | | 61,000 |
| Utility Tractor and Blower | 15-CE-569 | n/a | 61,000 | | | | | 61,000 |
| 4200 Internation Wood Chip Hauler | 15-CE-590 | n/a | | 86,000 | | | | 86,000 |
| 3/4 Ton Pickup | 15-CE-594 | n/a | 37,000 | | | | | 37,000 |
| 3/4 Ton Pickup | 15-CE-595 | n/a | | 38,000 | | | | 38,000 |
| Long-tined Aerator | 15-CE-603/31 | n/a | 26,000 | | | | | 26,000 |
| Police Squad Cars (2) | 15-CE-SQUADS | n/a | 80,000 | | | | | 80,000 |
| Building Inspections Pickup | 16-CE-1700 | n/a | | 26,000 | | | | 26,000 |
| Tandem Axle Plow with Sander | 16-CE-280 | n/a | | 250,000 | | | | 250,000 |
| Tandem Axle Plow with Sander | 16-CE-281 | n/a | | 250,000 | | | | 250,000 |
| Hydo-Seeder | 16-CE-303 | n/a | | 35,000 | | | | 35,000 |
| Jet/Vactor Truck and Attachments | 16-CE-354 | n/a | | 367,000 | | | | 367,000 |
| Meter Repair Truck with Utility Box | 16-CE-366 | n/a | | 32,000 | | | | 32,000 |
| Building Inspections Pickup 4X4. | 16-CE-411 | n/a | | 27,000 | | | | 27,000 |
| Water Truck | 16-CE-576 | n/a | | 185,000 | | | | 185,000 |
| Mower 6' with Broom | 16-CE-MOWER | n/a | | 55,000 | | | | 55,000 |
| Police Squad Cars (7) | 16-CE-SQUADS | n/a | | 280,000 | | | | 280,000 |
| Police Investigations Pickup | 17-CE-1703 | n/a | | | 28,000 | | | 28,000 |
| CSO 4x4 Pick up 2014 | 17-CE-1717 | n/a | | | 30,000 | | | 30,000 |
| Excavator CX75 | 17-CE-225 | n/a | | | 150,000 | | | 150,000 |
| Single Axle Plow with Sander | 17-CE-279 | n/a | | | 230,000 | | | 230,000 |
| Back Hoe | 17-CE-333 | n/a | | | 181,200 | | | 181,200 |
| Ford 3/4 Ton Pickup 4X2 | 17-CE-361 | n/a | | | 35,000 | | | 35,000 |
| 3/4 Ton Pickup 4X4 w/Utility Box | 17-CE-362 | n/a | | | 34,300 | | | 34,300 |
| 3/4 Ton Pickup 4x4 | 17-CE-363 | n/a | | | 32,400 | | | 32,400 |
| Building Inspections Pickup 4X4 | 17-CE-412 | n/a | | | 28,000 | | | 28,000 |
| Building Inspections Pickup 4X4 | 17-CE-413 | n/a | | | 28,000 | | | 28,000 |
| Building Inspections Pickup 4X4 | 17-CE-414 | n/a | | | 28,000 | | | 28,000 |
| Mower 16' | 17-CE-5004 | n/a | | | 111,600 | | | 111,600 |
| Garbage Truck | 17-CE-560 | n/a | | | 106,600 | | | 106,600 |
| Aerial Bucket Truck | 17-CE-562 | n/a | | | 120,000 | | | 120,000 |
| 3/4 Ton Pickup 4x4 | 17-CE-568 | n/a | | | 32,400 | | | 32,400 |
| One Ton Truck with Lift Gate | 17-CE-575 | n/a | | | 54,900 | | | 54,900 |
| One Ton 4X4 with Plow and Lift Gate F-450 | 17-CE-596 | n/a | | | 72,000 | | | 72,000 |
| Police CSO 1/2 Ton Pickup | 17-CE-CSO | n/a | | | 30,000 | | | 30,000 |

| Source | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|--------------|----------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Police Squad Cars (7) | 17-CE-SQUADS | n/a | | | 280,000 | | | 280,000 |
| One Ton Truck with Plow | 18-CE-2000 | n/a | | | | 79,000 | | 79,000 |
| 2000 624H JD Wheel Loader /plow | 18-CE-203 | n/a | | | | 300,000 | | 300,000 |
| Jetter Vac | 18-CE-3022 | n/a | | | | 32,800 | | 32,800 |
| One Ton with Plow and Contractor Box | 18-CE-360 | n/a | | | | 85,000 | | 85,000 |
| Jetter Truck | 18-CE-364 | n/a | | | | 200,800 | | 200,800 |
| One Ton Truck with Lift Gate | 18-CE-365 | n/a | | | | 74,000 | | 74,000 |
| Wood Chipper | 18-CE-5002 | n/a | | | | 55,400 | | 55,400 |
| Forestry Pickup | 18-CE-5003 | n/a | | | | 26,400 | | 26,400 |
| One Ton 4X4 with Plow | 18-CE-598 | n/a | | | | 94,000 | | 94,000 |
| Police Squad Cars (7) | 18-CE-SQUADS | n/a | | | | 280,000 | | 280,000 |
| Steel Drum Roller | 19-CE-2004 | n/a | | | | | 50,500 | 50,500 |
| Tandem Axle Plow with Sander | 19-CE-285 | n/a | | | | | 270,000 | 270,000 |
| Televising Van | 19-CE-367 | n/a | | | | | 214,000 | 214,000 |
| 3/4 Ton Pickup with Plow | 19-CE-5005 | n/a | | | | | 39,500 | 39,500 |
| 3/4 Ton Pickup with Plow | 19-CE-5006 | n/a | | | | | 39,500 | 39,500 |
| Fork Lift 6000 Pund Capacity | 19-CE-700 | n/a | | | | | 36,500 | 36,500 |
| Park Maintenance Tool Cat with Snow Blower | 19-CE-NEW1 | n/a | | | | | 60,000 | 60,000 |
| Park Maintenance Utility Tractor with Snow Blower | 19-CE-NEW2 | n/a | | | | | 71,000 | 71,000 |
| Park Maintenance One Ton with Dump Box | 19-CE-NEW3 | n/a | | | | | 65,000 | 65,000 |
| Police Squad Cars (7) | 19-CE-SQUADS | n/a | | | | | 301,000 | 301,000 |
| Mower 16' | 20-CE-5015 | n/a | | | | | 112,300 | 112,300 |
| Fire Ladder Fire Truck L-31 | 23-CE-038 | n/a | | | | 1,090,000 | | 1,090,000 |
| Central Equipment Fund Total | | | 1,783,000 | 3,162,000 | 1,812,400 | 3,043,400 | 1,459,300 | 11,260,100 |
| Constnction Improvement Fund (CON) | | | | | | | | |
| Public Works Maintenance Facility Expansion | 15-FM-015 | n/a | | | 4,000,000 | | | 4,000,000 |
| Flashing Yellow Arrow Signal Conversions | 15-ST-004 | n/a | | 500,000 | 500,000 | | | 1,000,000 |
| Constnction Improvement Fund (CON 413) Total | | | | 500,000 | 4,500,000 | | | 5,000,000 |
| Donations | | | | | | | | |
| Traffic Signals | 08-ST-005 | n/a | 340,000 | | | | | 340,000 |
| Donations Total | | | 340,000 | | | | | 340,000 |
| Elm Creek Watershed | | | | | | | | |
| Elm Creek Stream Restoration | 14-WR-002 | n/a | 50,000 | 50,000 | | | | 100,000 |
| Elm Creek Watershed Total | | | 50,000 | 50,000 | | | | 100,000 |
| Facilities Management | | | | | | | | |
| Painting - City Wide | 07-FM-008 | n/a | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 |
| Seal Coating/Crack Sealing/Asphalt Repair | 08-FM-006 | n/a | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Misc. Concrete Replacement | 08-FM-007 | n/a | 40,000 | 40,000 | 40,000 | 40,000 | 50,000 | 210,000 |
| Replace 1995 Trane Air Conditioner - CH | 13-FM-001 | n/a | 95,000 | | | | | 95,000 |
| Roof Inspections and Repairs | 14-FM-002 | n/a | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Replace Roof - Historical Building | 15-FM-002 | n/a | 25,000 | | | | | 25,000 |
| Replace Radiant Heat at Public Works | 15-FM-006 | n/a | 55,000 | | | | | 55,000 |
| Replace Carpet at Public Works | 15-FM-008 | n/a | | | 16,000 | | | 16,000 |
| Replace Boiler at Fire Station 3 | 15-FM-009 | n/a | 30,000 | | | | | 30,000 |
| Replace Floor Drains at Public Works | 15-FM-011 | n/a | 50,000 | 50,000 | | | | 100,000 |

| Source | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|-----------|----------|----------------|----------------|----------------|----------------|----------------|------------------|
| Replace Boiler - Plymouth Creek Center | 15-FM-013 | n/a | 85,000 | | | | | 85,000 |
| Replace CO and NO Sensor - Public Works | 15-FM-014 | n/a | 30,000 | | | | | 30,000 |
| Replace Air Handling Unit at Fire Station 1 | 16-FM-001 | n/a | | | 50,000 | | | 50,000 |
| Replace Rooftop Unit - Plymouth Creek Center | 16-FM-002 | n/a | | 85,000 | | | | 85,000 |
| Replace Plymouth Creek Center Ballroom Divider | 17-FM-001 | n/a | | 82,000 | | | | 82,000 |
| Replace Luminaires/Parking Lot Lights at City Hall | 18-FM-001 | n/a | | | | | 30,000 | 30,000 |
| Replace Air Makeup Units at Public Works | 18-FM-002 | n/a | | | | 65,000 | | 65,000 |
| Remodel/Refurnish Public Works | 18-FM-003 | n/a | | | | 25,000 | | 25,000 |
| Replace Floor Tiles at Public Works | 18-FM-004 | n/a | | | | 30,000 | | 30,000 |
| Resurface Floor at Public Works Repair Center | 18-FM-005 | n/a | | | | 20,000 | | 20,000 |
| Resurface Concrete Floor - Public Works | 19-FM-001 | n/a | | | | | 65,000 | 65,000 |
| Replace Air Makeup Unit - Public Safety Garage | 19-FM-002 | n/a | | | | | 50,000 | 50,000 |
| Facilities Management Total | | | 565,000 | 412,000 | 261,000 | 335,000 | 350,000 | 1,923,000 |

Federal Funding

| | | | | | | | | |
|---|-----------|-----|--|----------------|--|--|--|----------------|
| Rail X-ing Safety Improvements - Zachary Lane | 08-ST-006 | n/a | | 150,000 | | | | 150,000 |
| Federal Funding Total | | | | 150,000 | | | | 150,000 |

Field House Fund

| | | | | | | | | |
|-------------------------------|-----------|-----|--|--|--|--|----------------|----------------|
| Fieldhouse Dome Replacement | 19-PR-001 | n/a | | | | | 500,000 | 500,000 |
| Field House Fund Total | | | | | | | 500,000 | 500,000 |

General Fund

| | | | | | | | | |
|---------------------------|------------|-----|---------------|--|--|--|--|---------------|
| Street Maintenance Pickup | 15-CE-NEW3 | n/a | 35,000 | | | | | 35,000 |
| General Fund Total | | | 35,000 | | | | | 35,000 |

General Project Fund (Gen. Fund Reserves)

| | | | | | | | | |
|--|------------|-----|----------------|------------------|--|--|--|------------------|
| Tandem Axle Plow with Sander | 15-CE-NEW4 | n/a | 223,000 | | | | | 223,000 |
| Public Works Maintenance Facility Expansion | 15-FM-015 | n/a | | 1,000,000 | | | | 1,000,000 |
| Repair/Replace City Hall Retaining Wall | 15-FM-016 | n/a | 100,000 | | | | | 100,000 |
| General Project Fund (Gen. Fund Reserves) Total | | | 323,000 | 1,000,000 | | | | 1,323,000 |

Grants

| | | | | | | | | |
|---------------------------------|-----------|-----|----------------|--|--|--|--|----------------|
| Chemical De-icing Mixing System | 14-FM-001 | n/a | 200,000 | | | | | 200,000 |
| Grants Total | | | 200,000 | | | | | 200,000 |

Ice Center Fund

| | | | | | | | | |
|---|------------|-----|---------|--------|--------|--------|---------|---------|
| Replace Ice Center Zambonis | 13-PIC-001 | n/a | 130,000 | | | | 140,000 | 270,000 |
| Relace Ice Center Rubber Flooring | 14-PIC-001 | n/a | 54,000 | | 65,000 | | | 119,000 |
| Replace Ice Center Dehumidifier Desicant Wheels | 14-PIC-003 | n/a | | 27,000 | | | | 27,000 |
| Replace Ice Center Roof Top Air Handler | 16-PIC-001 | n/a | | 75,000 | | | | 75,000 |
| RUPP Roof Air-Exchange/Handler | 16-PIC-003 | n/a | | 28,000 | | | | 28,000 |
| Ice Center Energy Management System | 16-PIC-004 | n/a | | 30,000 | | | | 30,000 |
| Replace Ice Center Dasher Boards | 17-PIC-001 | n/a | 70,000 | | | | 75,000 | 145,000 |
| Replace Ice Center Scoreboards | 18-PIC-001 | n/a | | | | 32,000 | | 32,000 |

| Source | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|------------|----------|-------------------|------------------|------------------|------------------|----------------|-------------------|
| Ice Center Fund Total | | | 254,000 | 160,000 | 65,000 | 32,000 | 215,000 | 726,000 |
| Information Technology Fund | | | | | | | | |
| Replace Network Infrastructure | 11-IT-001 | n/a | | 150,000 | | | | 150,000 |
| Fiber optic Telecommunication Interconnect | 11-IT-006 | n/a | 100,000 | | | | | 100,000 |
| Fire Scheduling Software | 14-IT-004 | n/a | 30,000 | | | | | 30,000 |
| Replace SAN | 15-IT-001 | n/a | | 110,000 | | | | 110,000 |
| Server for Virtual Desktop Implementation (VDI) | 15-IT-002 | n/a | 20,000 | | | | | 20,000 |
| Time and Attendance System | 15-IT-003 | n/a | 30,000 | | | | | 30,000 |
| Intrusion and Detection System | 15-IT-004 | n/a | 30,000 | | | | | 30,000 |
| Replace Exchange 2010 Server | 15-IT-005 | n/a | 40,000 | | | | | 40,000 |
| Replace GIS Server | 15-IT-006 | n/a | 25,000 | | | | | 25,000 |
| Purchase Additional Storage Area Network (SAN) | 15-IT-007 | n/a | 125,000 | | | | | 125,000 |
| Replace Park and Recreation Registration Software | 15-IT-009 | n/a | 100,000 | | | | | 100,000 |
| Replace Utility Billing System | 15-IT-010 | n/a | 200,000 | | | | | 200,000 |
| Replace Permitting System | 15-IT-011 | n/a | | 200,000 | | | | 200,000 |
| Migration to Hennepin County CAMA System | 16-IT-001 | n/a | | 300,000 | | | | 300,000 |
| Replace Production Image Scanners | 17-IT-001 | n/a | | | 27,000 | | | 27,000 |
| Replace 2 NetApp Appliances | 18-IT-001 | n/a | | | | 100,000 | | 100,000 |
| Information Technology Fund Total | | | 700,000 | 760,000 | 27,000 | 100,000 | | 1,587,000 |
| Municipal State Aid Fund | | | | | | | | |
| Traffic Signals | 08-ST-005 | n/a | 260,000 | | | | | 260,000 |
| West Medicine Lake & Hwy 55 Intersection | 11-ST-002 | n/a | | 460,000 | | | | 460,000 |
| Nathan Lane & CR 10 Intersection | 12-ST-002 | n/a | | 100,000 | 500,000 | | | 600,000 |
| Fernbrook Lane & Hwy 55 Intersection | 15-ST-003 | n/a | 154,000 | | | | | 154,000 |
| Municipal State Aid Fund Total | | | 414,000 | 560,000 | 500,000 | | | 1,474,000 |
| Other | | | | | | | | |
| Vicksburg Lane -Old Rockford Rd to Schmidt Lake Rd | 09-ST-005 | n/a | | 5,000,000 | | | | 5,000,000 |
| Vicksburg Lane - Schmidt Lake Rd to Maple Grove | 11-ST-005 | n/a | 12,000,000 | 1,000,000 | | | | 13,000,000 |
| Millennium Garden Enhancements | 14-PR-006 | n/a | 25,000 | | | | | 25,000 |
| Public Works Maintenance Facility Expansion | 15-FM-015 | n/a | | | | 2,000,000 | | 2,000,000 |
| Outdoor Turf Field | 15-PR-003 | n/a | 1,000,000 | | | | | 1,000,000 |
| Peony Lane - Schmidt Lake Rd to Maple Grove | 15-ST-001 | n/a | 5,000,000 | | | | | 5,000,000 |
| Replace Ice Center Roof | 16-PIC-002 | n/a | 700,000 | | | | | 700,000 |
| Other Total | | | 18,725,000 | 6,000,000 | | 2,000,000 | | 26,725,000 |
| Park Dedication Fund | | | | | | | | |
| New Trails | 07-PR-001 | n/a | 100,000 | 260,000 | 35,000 | 300,000 | | 695,000 |
| Land Acquisition | 07-PR-003 | n/a | 300,000 | 400,000 | 400,000 | 400,000 | 400,000 | 1,900,000 |
| Trail Crossing | 08-PR-001 | n/a | 1,600,000 | | | | | 1,600,000 |
| Add/Replace Outdoor Hockey Rinks | 10-PR-004 | n/a | | | 300,000 | | | 300,000 |
| Neighborhood Parks | 13-PR-001 | n/a | 125,000 | 400,000 | 420,000 | | | 945,000 |
| Northwest Greenway Trail | 14-PR-005 | n/a | 200,000 | 650,000 | | 1,200,000 | | 2,050,000 |
| Park Dedication Fund Total | | | 2,325,000 | 1,710,000 | 1,155,000 | 1,900,000 | 400,000 | 7,490,000 |
| Park Replacement Fund | | | | | | | | |

| Source | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|-----------|----------|------------------|----------------|----------------|------------------|------------------|------------------|
| Trail Repair | 07-PR-004 | n/a | 200,000 | 205,000 | 205,000 | 210,000 | 210,000 | 1,030,000 |
| Replace Irrigation Systems | 07-PR-005 | n/a | 150,000 | | | 50,000 | 200,000 | 400,000 |
| Replace Retaining Walls | 09-ST-006 | n/a | 45,000 | 45,000 | | | | 90,000 |
| Playground Replacement or Renovation | 10-PR-001 | n/a | 295,000 | 200,000 | 210,000 | 500,000 | 500,000 | 1,705,000 |
| Add/Replace Outdoor Hockey Rinks | 10-PR-004 | n/a | 300,000 | | | 300,000 | | 600,000 |
| Miscellaneous Park Improvements | 10-PR-008 | n/a | 100,000 | 76,000 | 100,000 | 70,000 | 55,000 | 401,000 |
| Replace Miscellaneous Boardwalks | 14-PR-003 | n/a | 30,000 | 30,000 | 35,000 | 25,000 | 30,000 | 150,000 |
| Tennis Court Repair | 14-PR-004 | n/a | | 240,000 | | | | 240,000 |
| Plymouth Creek Center Furnishings and Equipment | 14-PR-007 | n/a | 25,000 | | | | | 25,000 |
| Replace Roof - Oakwood Shelter | 15-FM-001 | n/a | 12,000 | | | | | 12,000 |
| Replace Air Conditioners - Bass Lake | 15-FM-004 | n/a | 25,000 | | | | | 25,000 |
| Parking Lot Repair/Replacement | 15-PR-002 | n/a | 500,000 | | | 350,000 | 550,000 | 1,400,000 |
| Park Replacement Fund Total | | | 1,682,000 | 796,000 | 550,000 | 1,505,000 | 1,545,000 | 6,078,000 |

Resource Planning

| | | | | | | | | |
|---------------------------------|-----------|-----|---------------|---------------|--|--|--|----------------|
| Replace Portable 800 MHz Radios | 12-IT-001 | n/a | 75,000 | | | | | 75,000 |
| Emergency Siren #14 | 16-FM-003 | n/a | | 30,000 | | | | 30,000 |
| Resource Planning Total | | | 75,000 | 30,000 | | | | 105,000 |

Risk Management

| | | | | | | | | |
|------------------------------|-----------|-----|---------------|--|--|--|--|---------------|
| Emergency Siren #13 | 15-FM-012 | n/a | 30,000 | | | | | 30,000 |
| Risk Management Total | | | 30,000 | | | | | 30,000 |

Sewer Fund

| | | | | | | | | |
|--|-----------|-----|------------------|------------------|------------------|------------------|------------------|------------------|
| Line Sanitary Sewer Main: Annual Program | 06-SS-003 | n/a | 710,000 | 780,000 | 860,000 | 930,000 | 1,000,000 | 4,280,000 |
| Refurbish Sunset Hill Lift Station | 14-SS-002 | n/a | 90,000 | 600,000 | | | | 690,000 |
| TH 55 Frontage Road Reconstruction | 14-ST-002 | n/a | | 50,000 | | | | 50,000 |
| Refurbish Greentree Lift Station | 15-SS-001 | n/a | | 90,000 | 600,000 | | | 690,000 |
| 15th Ave./Pineview Lane San. Sewer Replacement | 15-SS-002 | n/a | 50,000 | 400,000 | | | | 450,000 |
| 2015 Street Reconstruction | 15-ST-002 | n/a | 20,000 | | | | | 20,000 |
| Abandon Autumn Hills Lift Station | 16-SS-001 | n/a | | 100,000 | 500,000 | | | 600,000 |
| 2016 Street Reconstruction | 16-ST-001 | n/a | | 20,000 | | | | 20,000 |
| Refurbish Waterfront Lift Station | 17-SS-001 | n/a | 700,000 | | | | | 700,000 |
| 2017 Street Reconstruction | 17-ST-001 | n/a | | | 10,000 | | | 10,000 |
| Refurbish Bass Lake Plaza Lift Station | 18-SS-001 | n/a | | | 100,000 | 700,000 | | 800,000 |
| 2018 Street Reconstruction | 18-ST-001 | n/a | | | | 10,000 | | 10,000 |
| 2019 Street Reconstruction | 19-ST-001 | n/a | | | | | 10,000 | 10,000 |
| Sewer Fund Total | | | 1,570,000 | 2,040,000 | 2,070,000 | 1,640,000 | 1,010,000 | 8,330,000 |

Shingle Creek Watershed

| | | | | | | | | |
|--------------------------------------|-----------|-----|----------------|--|--|--|--|----------------|
| Bass Lake Alum Treatment Facility | 14-WR-005 | n/a | 210,000 | | | | | 210,000 |
| Shingle Creek Watershed Total | | | 210,000 | | | | | 210,000 |

Solid Waste

| | | | | | | | | |
|--------------------------|-----------|-----|---------------|--|--|--|--|---------------|
| Yard Waste Site Pad | 15-PR-004 | n/a | 60,000 | | | | | 60,000 |
| Solid Waste Total | | | 60,000 | | | | | 60,000 |

| Source | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|--|------------|----------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Special Assessments - Streets | | | | | | | | |
| Edge Mill and Overlay Projects | 09-ST-007 | n/a | 800,000 | 800,000 | 800,000 | 800,000 | 800,000 | 4,000,000 |
| TH 55 Frontage Road Reconstruction | 14-ST-002 | n/a | | 90,000 | | | | 90,000 |
| 2015 Street Reconstruction | 15-ST-002 | n/a | 1,376,000 | | | | | 1,376,000 |
| 2016 Street Reconstruction | 16-ST-001 | n/a | | 330,000 | | | | 330,000 |
| 2017 Street Reconstruction | 17-ST-001 | n/a | | | 800,000 | | | 800,000 |
| 2018 Street Reconstruction | 18-ST-001 | n/a | | | | 800,000 | | 800,000 |
| 2019 Street Reconstruction | 19-ST-001 | n/a | | | | | 800,000 | 800,000 |
| Special Assessments - Streets Total | | | 2,176,000 | 1,220,000 | 1,600,000 | 1,600,000 | 1,600,000 | 8,196,000 |
| Street Reconstruction Fund | | | | | | | | |
| Mill & Overlay Projects | 09-ST-004 | n/a | 600,000 | 600,000 | 1,300,000 | 820,000 | 900,000 | 4,220,000 |
| Replace Retaining Walls | 09-ST-006 | n/a | 45,000 | 45,000 | 90,000 | 90,000 | 90,000 | 360,000 |
| Edge Mill and Overlay Projects | 09-ST-007 | n/a | 1,920,000 | 1,920,000 | 1,920,000 | 1,920,000 | 1,920,000 | 9,600,000 |
| Concrete Sidewalk Replacement | 11-ST-010 | n/a | 50,000 | 100,000 | 50,000 | 50,000 | | 250,000 |
| TH 55 Frontage Road Reconstruction | 14-ST-002 | n/a | | 100,000 | | | | 100,000 |
| 2015 Street Reconstruction | 15-ST-002 | n/a | 1,904,000 | | | | | 1,904,000 |
| Upgrade Crosswalk Signage | 15-ST-005 | n/a | 50,000 | | | | | 50,000 |
| 2016 Street Reconstruction | 16-ST-001 | n/a | 80,000 | 450,000 | | | | 530,000 |
| 2017 Street Reconstruction | 17-ST-001 | n/a | | 80,000 | 1,160,000 | | | 1,240,000 |
| 2018 Street Reconstruction | 18-ST-001 | n/a | | | 80,000 | 1,160,000 | | 1,240,000 |
| 2019 Street Reconstruction | 19-ST-001 | n/a | | | | 80,000 | 1,160,000 | 1,240,000 |
| Street Reconstruction Fund Total | | | 4,649,000 | 3,295,000 | 4,600,000 | 4,120,000 | 4,070,000 | 20,734,000 |
| Street Reconstruction Fund (Gen. Fun | | | | | | | | |
| Flashing Yellow Arrow Signal Conversions | 15-ST-004 | n/a | 692,665 | | | | | 692,665 |
| Street Reconstruction Fund (Gen. Fund Reserves) Total | | | 692,665 | | | | | 692,665 |
| Utility Trunk Fund | | | | | | | | |
| Trunk Sewer Oversizing | 08-SS-002 | n/a | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Trunk Watermain Oversizing | 08-W-003 | n/a | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 1,100,000 |
| Wells 18 and 19 and New Water Treatment Plant | 13-W-002 | n/a | | | | | 7,600,000 | 7,600,000 |
| Utility Trunk Fund Total | | | 320,000 | 320,000 | 320,000 | 320,000 | 7,920,000 | 9,200,000 |
| Water and Sewer Replacement Fund (| | | | | | | | |
| Water Meter Replacement | 15-W-003 | n/a | 2,000,000 | 3,000,000 | | | | 5,000,000 |
| Water and Sewer Replacement Fund (412) Total | | | 2,000,000 | 3,000,000 | | | | 5,000,000 |
| Water Fund | | | | | | | | |
| Well Refurbishing | 07-W-002 | n/a | 255,000 | 255,000 | 265,000 | 270,000 | 280,000 | 1,325,000 |
| Refurbish Zachary Water Tower | 12-W-001 | n/a | 1,000,000 | | | | | 1,000,000 |
| TH 55 Frontage Road Reconstruction | 14-ST-002 | n/a | | 50,000 | | | | 50,000 |
| Replace Raw Watermain Well No. 6 to Well No. 4 | 14-W-002 | n/a | 170,000 | | | | | 170,000 |
| Truck Tractor | 15-CE-254 | n/a | 10,000 | | | | | 10,000 |
| New Side Dump Trailer | 15-CE-NEW1 | n/a | 25,500 | | | | | 25,500 |
| New Utility Maintenance Vehicle | 15-CE-NEW2 | n/a | 35,000 | | | | | 35,000 |

| Source | Project# | Priority | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|---|-----------|----------|------------------|----------------|----------------|----------------|------------------|------------------|
| 2015 Street Reconstruction | 15-ST-002 | n/a | 1,000,000 | | | | | 1,000,000 |
| Powerwash Elevated Storage Facilities | 15-W-001 | n/a | 25,000 | 25,000 | 25,000 | 50,000 | 25,000 | 150,000 |
| Watermain Interconnect with Maple Grove | 15-W-002 | n/a | 100,000 | | | | | 100,000 |
| 2016 Street Reconstruction | 16-ST-001 | n/a | | 350,000 | | | | 350,000 |
| Power Service Upgrades at Zachary WTP | 16-W-001 | n/a | 85,000 | | | | | 85,000 |
| 2017 Street Reconstruction | 17-ST-001 | n/a | | | 10,000 | | | 10,000 |
| 2018 Street Reconstruction | 18-ST-001 | n/a | | | | 20,000 | | 20,000 |
| 2019 Street Reconstruction | 19-ST-001 | n/a | | | | | 20,000 | 20,000 |
| Refurbish Central Water Tower | 19-W-001 | n/a | | | | 130,000 | 1,500,000 | 1,630,000 |
| Water Fund Total | | | 2,705,500 | 680,000 | 300,000 | 470,000 | 1,825,000 | 5,980,500 |

Water Resources Fund

| | | | | | | | | |
|--|------------|-----|------------------|------------------|------------------|----------------|----------------|------------------|
| Maintain Water Quality Ponds | 06-WR-002 | n/a | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 450,000 |
| Unspecified Drainage Improvements | 08-WR-003 | n/a | | 250,000 | 250,000 | 250,000 | 250,000 | 1,000,000 |
| TH 55 Frontage Road Reconstruction | 14-ST-002 | n/a | | 30,000 | | | | 30,000 |
| Elm Creek Stream Restoration | 14-WR-002 | n/a | 450,000 | 350,000 | | | | 800,000 |
| Kilmer Park Pond and Stream Restoration | 14-WR-004 | n/a | 45,000 | 45,000 | 300,000 | | | 390,000 |
| Bass Lake Alum Treatment Facility | 14-WR-005 | n/a | 165,000 | | | | | 165,000 |
| Truck Tractor | 15-CE-254 | n/a | 15,000 | | | | | 15,000 |
| New Side Dump Trailer | 15-CE-NEW1 | n/a | 25,500 | | | | | 25,500 |
| 2015 Street Reconstruction | 15-ST-002 | n/a | 20,000 | | | | | 20,000 |
| Schmidt Lake Storm Sewer Lift Station Rehab. | 15-WR-002 | n/a | 200,000 | | | | | 200,000 |
| Mount Olivet Stream Restoration | 15-WR-003 | n/a | 25,000 | 225,000 | | | | 250,000 |
| Chelsea Woods Drainage - Weston Ln. to CR 6 | 15-WR-004 | n/a | 25,000 | 50,000 | 300,000 | 300,000 | | 675,000 |
| Plum Tree 3rd Addition Drainage Maintenance | 15-WR-005 | n/a | 200,000 | | | | | 200,000 |
| 2015 Drainage Improvements | 15-WR-006 | n/a | 475,000 | | | | | 475,000 |
| 2016 Street Reconstruction | 16-ST-001 | n/a | | 20,000 | | | | 20,000 |
| Weston Lane Storm Sewer Lift Station Rehab. | 16-WR-001 | n/a | | 50,000 | 500,000 | | | 550,000 |
| Plymouth Creek Stream Restoration | 16-WR-002 | n/a | | 25,000 | 25,000 | 100,000 | 100,000 | 250,000 |
| 15th Ave./ Pineview Lane Storm Sewer Replacement | 16-WR-003 | n/a | 20,000 | 770,000 | 750,000 | | | 1,540,000 |
| 2017 Street Reconstruction | 17-ST-001 | n/a | | | 20,000 | | | 20,000 |
| Wild Wings Western Wetland Improvements | 17-WR-001 | n/a | | | 25,000 | 100,000 | 100,000 | 225,000 |
| Wood Creek Tributary - Armstrong H.S. to 34th Ave. | 17-WR-002 | n/a | | | 25,000 | 25,000 | 150,000 | 200,000 |
| 2018 Street Reconstruction | 18-ST-001 | n/a | | | | 10,000 | | 10,000 |
| 2019 Street Reconstruction | 19-ST-001 | n/a | | | | | 10,000 | 10,000 |
| Water Resources Fund Total | | | 1,755,500 | 1,905,000 | 2,285,000 | 875,000 | 700,000 | 7,520,500 |

GRAND TOTAL

| | | | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 49,459,665 | 27,905,000 | 20,445,400 | 15,940,400 | 23,594,300 | 137,344,765 |
|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|