



CITY OF RICHLAND, WASHINGTON

CAPITAL IMPROVEMENT PLAN

2017 TO 2030



PREPARED BY: ADMINISTRATIVE SERVICES DEPARTMENT – JANUARY 3, 2017



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Plan Overview

- Plan Overview and Explanation of Funding Sources
- Target Map
- Strategic Leadership Plan



PLAN OVERVIEW

CAPITAL IMPROVEMENT PLAN

The Capital Improvement Plan (CIP) is a tool for identifying and prioritizing capital projects and major capital purchases for budget consideration. The plan provides a project planning schedule for at least a six year period and identifies funding sources for projects approved in the current budget cycle.

The CIP is useful in coordinating community planning, determining financial capacity and ensuring capital expenditures demonstrate support for the key elements of the City's Strategic Plan. The CIP is comprised of projects that maintain, enhance, or construct **new** facilities and infrastructure.

The CIP includes a list of capital projects that includes maintenance and improvements of City facilities/infrastructure and new construction projects that add to the City's infrastructure assets. This section provides a separate tab for all project types. All project sheets include a project cost estimate, a description of the project, financing plan and the estimated impact to the operating budget. Each project must identify the Key, and Goal of the Strategic Plan that it supports. The minimum threshold for CIP projects is \$25,000; projects may span several years and have multiple funding sources.

ADVANTAGES OF CAPITAL IMPROVEMENT PLAN

A Capital Improvement Plan provides a long-range plan of projects that add to, upgrade and maintain the City's infrastructure. The Council approved plan provides employees and citizens with a blueprint of planned improvements and long term growth in the City. This process ensures future development supports the City's Strategic Plan, City facilities are maintained, and long range planning for replacement facilities is in place. In addition to these advantages, a CIP:

- Facilitates coordination between capital needs and operating budgets.
- Coordinates public capital investments with other public and private development initiatives.
- Increases opportunities for obtaining federal and state aid and identifying partnership opportunities.
- Focuses attention on community objectives and fiscal capacity.
- Encourages careful project planning and design to help a community reach its desired goals.
- Serves as an effective community education tool by keeping the public informed about future needs and projects.

EXPLANATION OF FUNDING SOURCES

Street Fund (includes the following types of revenues and allowable expenses):

Fuel Tax is derived from the state half-cent motor vehicle fuel tax and must be used for new construction, repair or reconstruction of streets identified in the City's six-year street improvement program and approved by the state.

Utility Charges are charges received from businesses (\$0.91 per employee per month) to fund street overlay projects.

***Utility Occupation Tax** is a portion of the excise tax levied on city utilities that is designated for preserving and repairing city streets.

Mitigation/Impact Fees are fees paid by developers to support transportation related improvements.

Bond Sale Proceeds represent funds on deposit from previously issued bonds.

Revenue/General Obligation Bond Issue refers to funds received from issuing new bonds in the budget year.

General Fund may provide funding to CIP Projects, if resources are available.

Capital Improvement Fund (REET 1st and 2nd one-quarter percent) accounts for proceeds from the one-half of 1% Real Estate Excise Tax assessed on the sale of real property in Richland. REET 1st one-quarter percent is restricted for acquisition and development of local capital improvements, including street and waterworks/stormwater utility infrastructure, and parks, public safety and administrative facilities. REET 2nd one-quarter percent can only be used for acquisition and development of street and waterworks/stormwater infrastructure. In 2011, the State Legislature expanded the uses of REET 1 and REET 2 to include maintenance and operations of existing capital projects. This amendment was temporary and was originally set to expire December 31, 2016. However, during the 2015 Legislative Session the use for maintenance was extended with additional limitations on the amount, provided a written report is prepared and adopted as part of the City's regular budget process. The written report must demonstrate that all funding sources are adequate to fund the CIP for a two-year period.

Facility Fees represent the full upfront cost charged to developers for the extension of electric, water and wastewater services to new properties or developments. The facility fee revenues must be used solely for capital projects related to extending services.

Hotel/Motel Tax Fund is funded by revenues derived from a 4% excise tax on lodging. State law stipulates that revenues collected from the lodging tax be used solely for tourism promotion, acquisition and/or operation of tourism related facilities.

Industrial Development Fund accounts for revenues generated by the sale of industrial property. The proceeds are expended for purposes of industrial development.

Other Agencies/Grants/Loans accounts for a number of different types of federal and state grants for recreation, transportation and water programs as well as low interest loans for public works projects. Contributions from state and local agencies are also included.

Park Reserve Fund accounts for funds received from the sale or lease of park property, mitigation fees levied on new development and any bequests bequeathed to the City for the acquisition or development of parkland. Per City Ordinance #07-02, the funds can be used for acquisition and development of public open spaces devoted to public parks, playgrounds, trails and other recreational purposes.

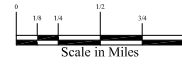
Utility Rate Revenue reflects the revenue from the sale of City Electric, Water, Wastewater, Solid Waste and Storm Water services to the citizens and businesses of Richland.

***Utility Occupation Tax** is levied on the gross revenues of all utilities operating within the City, including the City's own utility enterprise funds. Tax rates vary by utility type. The majority of the tax revenues are deposited into the General Fund. A small portion was designated by a vote of the citizens of Richland to provide funding for maintaining the City's streets. Another small portion was designated by the voters for public safety purposes.

Donations/Developer Contributions represents donations of in-kind services, land, right-of-ways, and cash from individuals or developers working with the City.

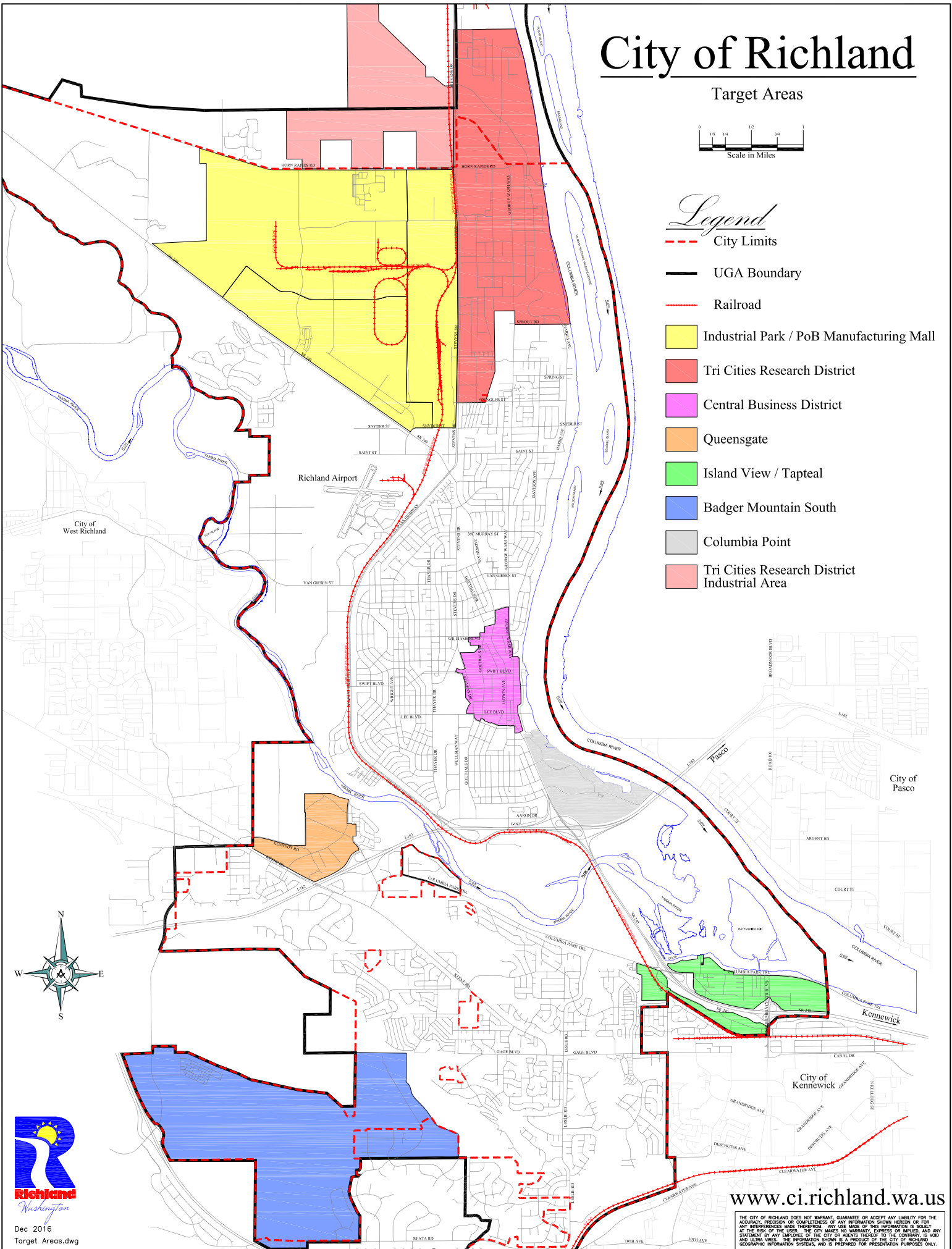
City of Richland

Target Areas



Legend

- City Limits
- UGA Boundary
- Railroad
- Industrial Park / PoB Manufacturing Mall
- Tri Cities Research District
- Central Business District
- Queensgate
- Island View / Tapteal
- Badger Mountain South
- Columbia Point
- Tri Cities Research District Industrial Area



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Strategic Leadership Plan 5-year Goals for 2013 - 2017

Key 1: Financial Stability and Operational Effectiveness

The City of Richland will effectively manage the financial resources our citizens provide for City government. Our staff will strive to deliver excellent services at the most reasonable cost. We will ensure that Richland residents receive great value for their tax dollars, and that City programs, services, and capital projects benefit the community as a whole. We recognize our citizens demand accountability and adaptability especially when evaluating / prioritizing non-essential services. Richland will be a leader in encouraging collaborative, community-wide efforts that contribute to our City's financial stability and sustainable growth. The City must remain flexible to ensure resources are available for the future. We strive for public trust and confidence.

Goal 1:	Implement and adopt the long-term fiscal management plan and accompanying policies, as needed, to ensure financial resources are available to achieve visioning 2030.
Goal 2:	Identify, refine and improve our methods of service delivery, through continuous process improvement and performance measures.
Goal 3:	Identify and implement collaboration with other public and private entities in order to achieve cost effective services.
Goal 4:	Become a municipal government leader in integrated technology.
Goal 5:	Develop a comprehensive human resource strategy.
Goal 6:	Develop and maintain the City's ability to prepare for, respond to, recover from, and mitigate against major emergencies and disasters, minimizing the loss of life and property, ensuring continuity of government, and facilitating rapid recovery.

Key 2: Infrastructure and Facilities

Richland is a full-service City that operates and maintains a broad range of facilities and infrastructure, including several utilities, critical to meeting community needs. City growth is accompanied by the need for additional facilities and infrastructure that are in the best interest of the community. With limited Federal and State funding, we must balance the costs to provide, staff, and maintain these new assets with the demands of maintaining existing facilities and infrastructure.

Goal 1:	Plan and provide infrastructure and facilities essential to community growth.
Goal 2:	Maximize existing facility and infrastructure life through sustainable maintenance programs.
Goal 3:	Develop a comprehensive, yet realistic energy policies.
Goal 4:	Plan solid waste disposal facilities and programs to achieve the community's long-range fiscal and environmental priorities.

Council Approved: 6/5/12

Key 3: Economic Vitality

Economic vitality is a community’s capacity to be economically competitive, resilient, and attractive to private and public enterprise. This requires strength to withstand the ups and downs of an economic cycle. When times are good, Richland must be prepared to grow and prosper, and when times are hard, we want the reserves to ensure continued economic health. Richland also needs “energy,” -- that bustle of activity that thriving communities exhibit. Community energy attracts talent (people) and capital (business) to an area. To remain vital, Richland must grow its economy, diversify its capital, and attract and retain talent. An economically vital Richland will require a team effort between regional organizations, neighboring cities, ports, other public entities, and the private sector. Richland cannot exist as a robust island independent of its neighbors.

Goal 1:	Increase retail sales tax per capita by recruiting new retail development.
Goal 2:	Increase primary sector, non-Hanford employment in Richland.
Goal 3:	Create an environment that fosters the recruitment and retention of young talent within the Tri-Cities.
Goal 4:	Promote and facilitate greater access to reasonably priced, high-level broadband services to Richland business and residents
Goal 5:	Increase the non-residential property tax base by facilitating commercial and industrial development.

Key 4: Targeted Investments

The City will make strategic investments in targeted areas to help ensure achievement of the City goals and a vibrant future. Primary targets are the Research District, Energy Park, Central Business District, and Island View. The City will seek grant funding and partnerships to achieve maximum leverage on these investments.

Goal 1:	Implement the Central Business District and Swift Corridor Master Plans.
Goal 2:	Implement the Island View master plan.
Goal 3:	Support growth of the Research District that leads to increased private sector investment, job growth and technology innovation.
Goal 4:	Support the development of the Energy Park through collaboration with other participants.

Council Approved: 6/5/12

Key 5: Natural Resources Management

Richland has significant natural resources that provide its citizens an exceptional quality of life. The City will develop strategies to identify and conserve these resources while balancing the realities of accommodating a growing community.

Goal 1:	Balance private and public interests in the preservation of identified natural and environmentally sensitive areas.
Goal 2:	The City will provide services that promote sustainable environmental stewardship; provide a healthy and satisfying work environment for its employees; and minimize its impact on the physical environment of the community.
Goal 3:	Protect and enhance the City's water resources.

Key 6: Community Amenities

The citizens of Richland have a deep affinity for their city, especially the vast array of community amenities, such as our library and parks system. They want it to be a community with distinct character and image; rich with quality amenities and programs that enhance the quality of life beyond the provision of core City services. Richland can highlight features and amenities that attract and excite residents and visitors. Enhanced community amenities will promote economic vitality and long-term sustainability. We envision that people are proud to say they live, work, play, and thrive in Richland.

Goal 1:	Identify and invest in local and regional cultural, recreational, leisure and educational amenities that enhance residents quality of life and promotes tourism.
Goal 2:	Create gateways, streetscapes, and public art features to enhance and beautify the City.
Goal 3:	Provide and maintain park and recreation facilities to meet the identified needs of the community.

Key 7: Neighborhoods and Community Safety

Neighborhoods and a sense of safety are the basic building blocks of our city. They are where we live, raise our families, and socialize with our friends and neighbors. We recognize that in many ways, our City is only as strong and safe as our neighborhoods. Our challenge is to generate a greater sense of community care and pride through prevention of neighborhood deterioration; providing a safe community; and connecting residents to cultural, entertainment, and employment opportunities located throughout the City.

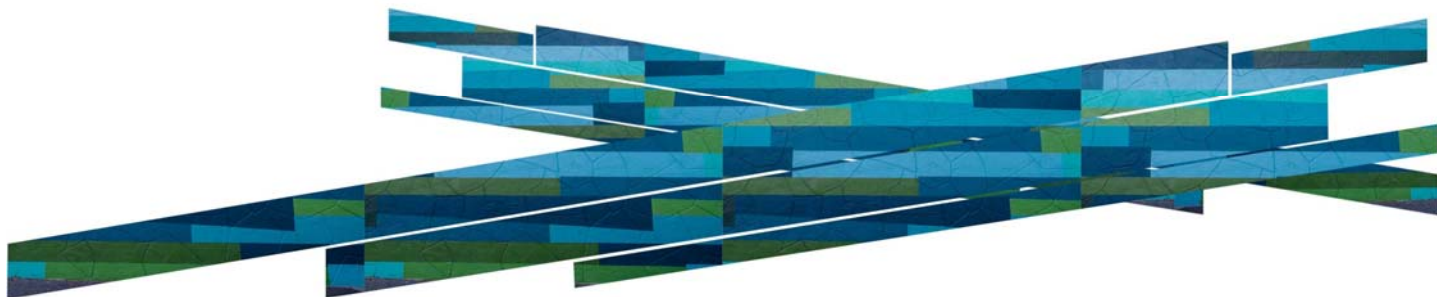
Goal 1:	Promote enhanced levels of public safety, livability, and attractiveness of neighborhoods and commercial property.
Goal 2:	Create non-motorized connectivity features that link neighborhoods, civic facilities, employment centers, parks, and commercial centers.
Goal 3:	Develop a strategy for revitalization of deteriorating neighborhoods.

Council Approved: 6/5/12



2017 Projects

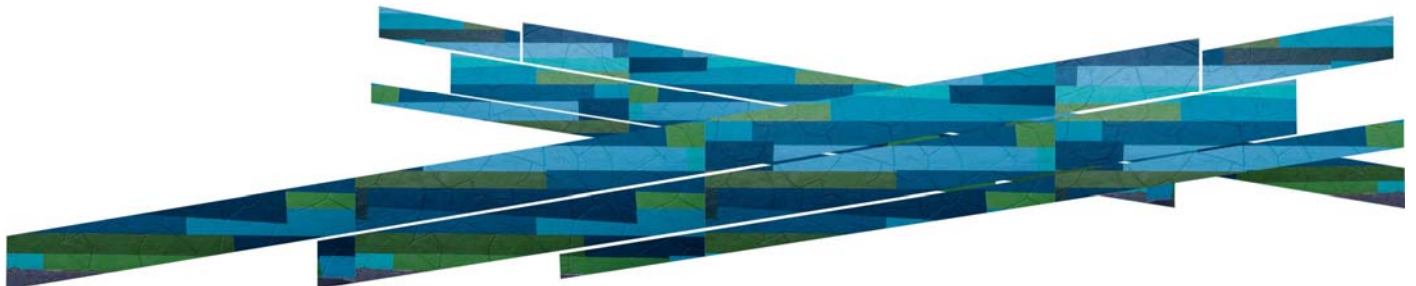
- Summary of 2017 Capital Improvement Projects and Funding Sources





Project Summaries

- All Project Costs by Year
- Summary – Project Costs by Department/Year
- Detail – Project Costs by Department/Year
- Summary – Funding Sources by Department/Year





Capital Improvement Plan

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2017 thru 2030 (\$ To-Date Costs and Budget Remaining Not Included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
2017					
Dallas Rd Area Improvements	Electric	ES130001	2	1	\$1,097,000
Leslie Rd Substation	Electric	ES130004	2	1	\$5,099,000
Smart Grid / Advanced Metering Infrastructure	Electric	ES130005	1	4	\$2,735,000
Electrical Substation Improvements	Electric	ES130007	2	1	\$2,114,000
Line Extensions	Electric	ES130008	2	1	\$1,006,000
Purchase Southwest Service Area Infrastructure	Electric	ES130009	2	1	\$150,000
Renewal & Replacement	Electric	ES130010	2	2	\$1,761,000
Systems Improvements	Electric	ES130011	2	1	\$3,497,000
Animal Control Shelter	Municipal	MN130001	2	1	\$1,100,000
Equipment Replacement Program	Municipal	MN140016	1	4	\$3,671,350
ERP System (Financial System)	Municipal	MN140018	1	4	\$2,426,000
Broadband Fund-Leased Extensions	Municipal	MN160001	2	1	\$200,000
Badger Mountain Park	Parks	PR130001	6	3	\$70,000
Tree Replacement	Parks	PR130016	6	3	\$40,000
Park, Facility & Trail Signage	Parks	PR140009	6	3	\$25,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$270,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$302,000
Horn Rapids Athletic Complex	Parks	PR160003	6	1	\$50,000
Library Upgrade of RFID Hardware & Software at Book Drop	Parks	PR160004	1	4	\$115,000
Citywide Safety and Security Improvements	Parks	PR160005	7	1	\$91,000
Conversion of State Funded Recreation Land Mitigation	Parks	PR160006	7	1	\$60,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$200,000
Water Quality Retrofit Program	Stormwater	ST130006	2	2	\$154,000
Groundwater Contamination Management	Solid Waste	SW150007	2	2	\$50,000
Solid Waste Facility Improvements	Solid Waste	SW160001	2	2	\$165,000
Duportail Bridge	Transportation	TR130001	2	1	\$1,150,000
Center Parkway Construction	Transportation	TR130002	2	1	\$716,930

2017-2030 Capital Improvement Plan



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All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Pavement Preservation Program (Street Resurfacing)	Transportation	TR130003	2	2	\$1,480,000
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
I-182 / Queensgate Eastbound Ramp Terminal Improvements	Transportation	TR150021	2	1	\$2,700,000
Queensgate Drive / Columbia Park Trail Improvements	Transportation	TR150022	2	1	\$402,000
SR 240 / Kingsgate Traffic Signal	Transportation	TR160001	2	1	\$535,500
Swift Boulevard Improvements	Transportation	TR160002	2	1	\$1,330,000
Marcus Whitman Elementary Sidewalks	Transportation	TR160003	2	1	\$35,000
South Richland Collector Streets	Transportation	TR160005	2	1	\$100,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$200,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$230,000
Duportail Street Well	Water	WA130004	2	1	\$500,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	2	2	\$361,000
Yakima River Crossing Pipeline Replacement	Water	WA130008	2	1	\$1,000,000
Automatic Meter Reading System	Water	WA160001	2	2	\$235,000
Duportail Street Transmission Main	Water	WA160007	2	2	\$750,000
Waterfront District Vision Plan	Waterfront	WF140002	3	1	\$10,000
Swift Corridor: City Hall Replacement	Waterfront	WF140003	4	2	\$16,646,860
Columbia Playfield Improvements	Waterfront	WF140007	6	3	\$513,000
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$25,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Howard Amon Park: Riverfront Trail & Beach Restoration	Waterfront	WF140011	6	3	\$185,400
Gateway Entrance Improvements	Waterfront	WF140012	6	2	\$36,000
Columbia Point Marina Park	Waterfront	WF150015	2	2	\$294,000
Urban Greenbelt Trail	Waterfront	WF160001	6	1	\$80,000
Columbia Point Golf Course Clubhouse Food & Beverage	Waterfront	WF160003	6	1	\$266,000
Wye Park Improvements	Waterfront	WF160004	6	1	\$58,604
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$2,314,000
Influent Upgrades	Wastewater	WW130003	2	2	\$2,183,000

2017-2030 Capital Improvement Plan



Capital Improvement Plan

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2017 thru 2030 (\$ To-Date Costs and Budget Remaining Not Included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$405,000
City View Sewer Relocation	Wastewater	WW160001	2	2	\$180,000
				2017 Total:	\$61,500,644
2018					
Dallas Rd Area Improvements	Electric	ES130001	2	1	\$1,098,000
Leslie Rd Substation	Electric	ES130004	2	1	\$2,663,000
Smart Grid / Advanced Metering Infrastructure	Electric	ES130005	1	4	\$3,735,000
Line Extensions	Electric	ES130008	2	1	\$1,006,000
Renewal & Replacement	Electric	ES130010	2	2	\$959,000
Systems Improvements	Electric	ES130011	2	1	\$1,747,000
Major Equipment Purchases	Electric	ES160001			\$265,000
Equipment Replacement Program	Municipal	MN140016	1	4	\$4,297,903
ERP System (Financial System)	Municipal	MN140018	1	4	\$2,232,750
Drollinger Park	Parks	PR130007	6	3	\$60,000
Tree Replacement	Parks	PR130016	6	3	\$20,000
Park, Facility & Trail Signage	Parks	PR140009	6	3	\$25,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$300,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$750,000
City of Richland Shops Buildings, 100, 200 & 300	Parks	PR160002			\$725,000
Horn Rapids Athletic Complex	Parks	PR160003	6	1	\$150,000
Citywide Safety and Security Improvements	Parks	PR160005	7	1	\$20,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$226,000
Water Quality Retrofit Program	Stormwater	ST130006	2	2	\$95,000
Leslie Road Storm Drain Replacement	Stormwater	ST160001	2	2	\$839,000
Disposal Capacity Improvements	Solid Waste	SW130002	5	2	\$1,175,000
Solid Waste Facility Improvements	Solid Waste	SW160001	2	2	\$20,000
Duportail Bridge	Transportation	TR130001	2	1	\$16,800,000
Pavement Preservation Program (Street Resurfacing)	Transportation	TR130003	2	2	\$2,080,000

2017-2030 Capital Improvement Plan



Capital Improvement Plan

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2017 thru 2030 (\$ To-Date Costs and Budget Remaining Not Included)

All Project Costs by Year

2017-2030 Capital Improvement Plan

Project Name	Department	Project #	Key #	Goal #	Project Cost
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
Vantage Highway Pathway - Phase II	Transportation	TR140020	2	1	\$75,000
Queensgate Drive / Columbia Park Trail Improvements	Transportation	TR150022	2	1	\$1,685,200
Marcus Whitman Elementary Sidewalks	Transportation	TR160003	2	1	\$420,000
South GWW Pedestrian Overpass and Entry Feature	Transportation	TR160004	2	1	\$200,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$250,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$100,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	2	2	\$53,000
Yakima River Crossing Pipeline Replacement	Water	WA130008	2	1	\$3,500,000
Chief Joseph Middle School Irrigation Well	Water	WA150010	5	3	\$150,000
Automatic Meter Reading System	Water	WA160001	2	2	\$3,000,000
Columbia River Intake Screen Upgrade	Water	WA160002	2	2	\$200,000
Columbia Playfield Improvements	Waterfront	WF140007	6	3	\$50,000
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$240,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Howard Amon Park:Riverfront Trail & Beach Restoration	Waterfront	WF140011	6	3	\$390,000
Gateway Entrance Improvements	Waterfront	WF140012	6	2	\$36,000
Leslie Groves Park	Waterfront	WF160002	6	1	\$120,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$1,762,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$551,000
				2018 Total:	\$54,200,853

2019					
Dallas Rd Area Improvements	Electric	ES130001	2	1	\$2,562,000
Smart Grid / Advanced Metering Infrastructure	Electric	ES130005	1	4	\$3,830,000
Line Extensions	Electric	ES130008	2	1	\$1,006,000
Renewal & Replacement	Electric	ES130010	2	2	\$755,000
Systems Improvements	Electric	ES130011	2	1	\$577,000
Fire Station 73 - Replacement Station	Municipal	MN130005	2	1	\$4,000,000



Capital Improvement Plan

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2017 thru 2030 (\$ To-Date Costs and Budget Remaining Not Included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Equipment Replacement Program	Municipal	MN140016	1	4	\$3,198,457
ERP System (Financial System)	Municipal	MN140018	1	4	\$1,576,838
Badger Mountain Park	Parks	PR130001	6	3	\$1,500,000
Hanford Legacy Park	Parks	PR130003	6	3	\$500,000
Gala Park	Parks	PR130012	6	3	\$70,000
Tree Replacement	Parks	PR130016	6	3	\$20,000
Park, Facility & Trail Signage	Parks	PR140009	6	3	\$25,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$300,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$750,000
Horn Rapids Athletic Complex	Parks	PR160003	6	1	\$150,000
Citywide Safety and Security Improvements	Parks	PR160005	7	1	\$10,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$240,000
Water Quality Retrofit Program	Stormwater	ST130006	2	2	\$122,000
Disposal Capacity Improvements	Solid Waste	SW130002	5	2	\$6,685,000
Landfill Closure, Phase 2	Solid Waste	SW130003	2	1	\$225,000
Duportail Bridge	Transportation	TR130001	2	1	\$10,300,000
Pavement Preservation Program (Street Resurfacing)	Transportation	TR130003	2	2	\$2,570,000
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
South GWW Intersection Improvements	Transportation	TR130011	2	1	\$751,200
Rachael Road Extension/Improvements	Transportation	TR140019	2	1	\$200,000
Vantage Highway Pathway - Phase II	Transportation	TR140020	2	1	\$595,000
Bellerive Drive Extension	Transportation	TR150024	2	1	\$10,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$300,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$100,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	2	2	\$383,000
Yakima River Crossing Pipeline Replacement	Water	WA130008	2	1	\$2,999,000
Columbia River Intake Screen Upgrade	Water	WA160002	2	2	\$100,000
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$200,000

2017-2030 Capital Improvement Plan



Capital Improvement Plan

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2017 thru 2030 (\$ To-Date Costs and Budget Remaining Not Included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Howard Amon Park:Riverfront Trail & Beach Restoration	Waterfront	WF140011	6	3	\$320,000
Gateway Entrance Improvements	Waterfront	WF140012	6	2	\$36,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$1,819,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$568,000
			2019 Total:		\$49,483,495
2020					
Dallas Rd Area Improvements	Electric	ES130001	2	1	\$3,160,000
Kingsgate Substation	Electric	ES130003	2	1	\$2,118,000
Line Extensions	Electric	ES130008	2	1	\$1,006,000
Renewal & Replacement	Electric	ES130010	2	2	\$1,191,000
Systems Improvements	Electric	ES130011	2	1	\$1,393,000
Equipment Storage and Maintenance Repair Shop	Electric	ES130012	2	1	\$636,000
Major Equipment Purchases	Electric	ES160001			\$488,000
Equipment Replacement Program	Municipal	MN140016	1	4	\$4,410,508
Hanford Legacy Park	Parks	PR130003	6	3	\$700,000
Tree Replacement	Parks	PR130016	6	3	\$20,000
Park, Facility & Trail Signage	Parks	PR140009	6	3	\$25,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$300,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$750,000
By-Pass Shelterbelt	Parks	PR160001	6	3	\$250,000
Horn Rapids Athletic Complex	Parks	PR160003	6	1	\$150,000
Citywide Safety and Security Improvements	Parks	PR160005	7	1	\$10,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$255,000
Water Quality Retrofit Program	Stormwater	ST130006	2	2	\$158,000
Landfill Closure, Phase 2	Solid Waste	SW130003	2	1	\$3,555,000
Duportail Bridge	Transportation	TR130001	2	1	\$4,700,000
Pavement Preservation Program (Street Resurfacing)	Transportation	TR130003	2	2	\$3,290,000

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All Project Costs by Year

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Project Name	Department	Project #	Key #	Goal #	Project Cost
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
South GWW Intersection Improvements	Transportation	TR130011	2	1	\$500,000
Columbia Park Trail Improvements - East	Transportation	TR140016	2	1	\$150,000
Queensgate Drive Extension	Transportation	TR140018	2	1	\$250,000
Rachael Road Extension/Improvements	Transportation	TR140019	2	1	\$300,000
Bellerive Drive Extension	Transportation	TR150024	2	1	\$10,000
Queensgate Drive - Phase II	Transportation	TR150025	2	1	\$300,000
Stevens Drive Pathway	Transportation	TR150026	2	1	\$70,000
South GWW Pedestrian Overpass and Entry Feature	Transportation	TR160004	2	1	\$2,400,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$350,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$100,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	2	2	\$56,000
Columbia River Intake Screen Upgrade	Water	WA160002	2	2	\$4,330,000
Tapteal II Loop	Water	WA160008	2	2	\$114,000
Tapteal I Pump Station Upgrade	Water	WA160010	2	2	\$50,000
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$240,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Howard Amon Park:Riverfront Trail & Beach Restoration	Waterfront	WF140011	6	3	\$450,000
Gateway Entrance Improvements	Waterfront	WF140012	6	2	\$36,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$1,878,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$587,000
				2020 Total:	\$40,866,508
2021					
Kingsgate Substation	Electric	ES130003	2	1	\$2,118,000
Line Extensions	Electric	ES130008	2	1	\$1,006,000
Purchase Southwest Service Area Infrastructure	Electric	ES130009	2	1	\$200,000
Renewal & Replacement	Electric	ES130010	2	2	\$1,267,000
Systems Improvements	Electric	ES130011	2	1	\$4,479,000



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All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Fire Station - Badger Mountain South	Municipal	MN130007	2	1	\$4,530,899
Fire Station - Horn Rapids Area	Municipal	MN130009	2	1	\$5,721,342
Equipment Replacement Program	Municipal	MN140016	1	4	\$3,442,824
Hanford Legacy Park	Parks	PR130003	6	3	\$500,000
Tree Replacement	Parks	PR130016	6	3	\$20,000
Park, Facility & Trail Signage	Parks	PR140009	6	3	\$25,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$600,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$750,000
By-Pass Shelterbelt	Parks	PR160001	6	3	\$250,000
Horn Rapids Athletic Complex	Parks	PR160003	6	1	\$150,000
Citywide Safety and Security Improvements	Parks	PR160005	7	1	\$10,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$270,000
Water Quality Retrofit Program	Stormwater	ST130006	2	2	\$452,000
Pavement Preservation Program (Street Resurfacing)	Transportation	TR130003	2	2	\$3,290,000
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
South GWW Intersection Improvements	Transportation	TR130011	2	1	\$6,713,345
Columbia Park Trail Improvements - East	Transportation	TR140016	2	1	\$1,150,000
Steptoe Street / Tapteal Drive Intersection Improvements	Transportation	TR140017	2	1	\$1,380,000
Queensgate Drive Extension	Transportation	TR140018	2	1	\$850,000
Rachael Road Extension/Improvements	Transportation	TR140019	2	1	\$1,700,000
Gage Boulevard Improvements	Transportation	TR150023	2	1	\$75,000
Bellerive Drive Extension	Transportation	TR150024	2	1	\$50,000
Queensgate Drive - Phase II	Transportation	TR150025	2	1	\$500,000
Stevens Drive Pathway	Transportation	TR150026	2	1	\$880,000
Vantage Highway Pathway - Phase III	Transportation	TR150027	2	1	\$50,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$350,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$100,000
WTP Solids Handling Improvements	Water	WA130006	2	2	\$400,000

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All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Water Treatment Plant Renewal & Replacement	Water	WA130007	2	2	\$406,000
Orchard Way Conversion from Tapteal I to Tapteal II	Water	WA160003	2	2	\$35,000
High Meadows St and Leslie Road PRV (Tapteal II and Tapteal I)	Water	WA160004	2	2	\$102,000
Broadmoor Street Conversion from Tapteal I to Tapteal II	Water	WA160005	2	2	\$107,000
Core Y Additional PRV	Water	WA160006	2	2	\$406,000
Tapteal VI Water Main	Water	WA160009	2	2	\$487,000
Tapteal I Pump Station Upgrade	Water	WA160010	2	2	\$450,000
Columbia Playfield Improvements	Waterfront	WF140007	6	3	\$300,000
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$200,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Howard Amon Park:Riverfront Trail & Beach Restoration	Waterfront	WF140011	6	3	\$340,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$2,468,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$606,000
			2021 Total:		\$49,317,410
2022					
Dallas Rd Area Improvements	Electric	ES130001	2	1	\$1,093,000
Hanford Substation	Electric	ES130002	2	1	\$4,300,000
Electrical Substation Improvements	Electric	ES130007	2	1	\$2,774,000
Line Extensions	Electric	ES130008	2	1	\$1,006,000
Renewal & Replacement	Electric	ES130010	2	2	\$3,119,000
Systems Improvements	Electric	ES130011	2	1	\$1,031,000
Major Equipment Purchases	Electric	ES160001			\$318,000
Equipment Replacement Program	Municipal	MN140016	1	4	\$3,021,733
Hanford Legacy Park	Parks	PR130003	6	3	\$700,000
West Village Park at Badger Mountain South	Parks	PR130005	6	3	\$1,600,000
Park, Facility & Trail Signage	Parks	PR140009	6	3	\$25,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$300,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$750,000

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All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
By-Pass Shelterbelt	Parks	PR160001	6	3	\$250,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$285,000
Water Quality Retrofit Program	Stormwater	ST130006	2	2	\$733,000
Pavement Preservation Program (Street Resurfacing)	Transportation	TR130003	2	2	\$3,290,000
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
Gage Boulevard Improvements	Transportation	TR150023	2	1	\$750,000
Queensgate Drive - Phase II	Transportation	TR150025	2	1	\$2,600,000
Vantage Highway Pathway - Phase III	Transportation	TR150027	2	1	\$550,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$500,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$100,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	2	2	\$457,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$4,950,000
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$200,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$2,003,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$626,000
			2022 Total:		\$37,461,733
			Report Total:		\$292,830,643

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Summary - Project Costs by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Electric		0	11,389,000	17,459,000	11,473,000	8,730,000	9,992,000	9,070,000	13,641,000	81,754,000
Municipal		945,894	3,708,755	7,397,350	6,530,653	8,775,295	4,410,508	13,695,065	3,021,733	48,485,253
Parks		3,403,886	462,500	1,023,000	2,050,000	3,325,000	2,205,000	2,305,000	3,625,000	18,399,386
Solid Waste		0	294,991	215,000	1,195,000	6,910,000	3,555,000	0	0	12,169,991
Stormwater		1,363,686	681,121	354,000	1,160,000	362,000	413,000	722,000	1,018,000	6,073,807
Transportation		21,546,251	6,494,888	8,549,430	21,360,200	14,526,200	12,070,000	16,738,345	7,290,000	108,575,314
Wastewater		10,008,349	1,586,666	5,082,000	2,313,000	2,387,000	2,465,000	3,074,000	2,629,000	29,545,015
Water		31,701,243	3,824,043	3,276,000	7,253,000	3,882,000	5,000,000	2,843,000	1,057,000	58,836,286
Waterfront		3,889,741	2,918,691	18,144,864	866,000	586,000	756,000	870,000	5,180,000	33,211,296
Report Total:		72,859,050	31,360,655	61,500,644	54,200,853	49,483,495	40,866,508	49,317,410	37,461,733	397,050,348

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Detail- Project Costs by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Electric										
Dallas Rd Area Improvements	ES130001	0	212,000	1,097,000	1,098,000	2,562,000	3,160,000	0	1,093,000	9,222,000
Electrical Substation Improvements	ES130007	0	1,443,000	2,114,000	0	0	0	0	2,774,000	6,331,000
Equipment Storage and Maintenance Repair Shop	ES130012	0	0	0	0	0	636,000	0	0	636,000
Hanford Substation	ES130002	0	0	0	0	0	0	0	4,300,000	4,300,000
Kingsgate Substation	ES130003	0	0	0	0	0	2,118,000	2,118,000	0	4,236,000
Leslie Rd Substation	ES130004	0	2,319,000	5,099,000	2,663,000	0	0	0	0	10,081,000
Line Extensions	ES130008	0	800,000	1,006,000	1,006,000	1,006,000	1,006,000	1,006,000	1,006,000	6,836,000
Major Equipment Purchases	ES160001	0	0	0	265,000	0	488,000	0	318,000	1,071,000
Purchase Southwest Service Area Infrastructure	ES130009	0	462,000	150,000	0	0	0	200,000	0	812,000
Renewal & Replacement	ES130010	0	2,781,000	1,761,000	959,000	755,000	1,191,000	1,267,000	3,119,000	11,833,000
Smart Grid / Advanced Metering Infrastructure	ES130005	0	300,000	2,735,000	3,735,000	3,830,000	0	0	0	10,600,000
Systems Improvements	ES130011	0	3,072,000	3,497,000	1,747,000	577,000	1,393,000	4,479,000	1,031,000	15,796,000
Electric Total:		0	11,389,000	17,459,000	11,473,000	8,730,000	9,992,000	9,070,000	13,641,000	81,754,000
Municipal										
Animal Control Shelter	MN130001	0	400,000	1,100,000	0	0	0	0	0	1,500,000
Broadband Fund-Leased Extensions	MN160001	0	0	200,000	0	0	0	0	0	200,000
Broadband Initiative	MN150019	0	100,000	0	0	0	0	0	0	100,000
Equipment Replacement Program	MN140016	945,894	2,958,755	3,671,350	4,297,903	3,198,457	4,410,508	3,442,824	3,021,733	25,947,424
ERP System (Financial System)	MN140018	0	250,000	2,426,000	2,232,750	1,576,838	0	0	0	6,485,588
Fire Station - Badger Mountain South	MN130007	0	0	0	0	0	0	4,530,899	0	4,530,899
Fire Station - Horn Rapids Area	MN130009	0	0	0	0	0	0	5,721,342	0	5,721,342
Fire Station 73 - Replacement Station	MN130005	0	0	0	0	4,000,000	0	0	0	4,000,000
Municipal Total:		945,894	3,708,755	7,397,350	6,530,653	8,775,295	4,410,508	13,695,065	3,021,733	48,485,253
Parks										
Badger Mountain Park	PR130001	603,502	135,000	70,000	0	1,500,000	0	0	0	2,308,502
By-Pass Shelterbelt	PR160001	456,458	0	0	0	0	250,000	250,000	250,000	1,206,458
City of Richland Shops Buildings, 100, 200 & 300	PR160002	0	0	0	725,000	0	0	0	0	725,000
Citywide Safety and Security Improvements	PR160005	0	0	91,000	20,000	10,000	10,000	10,000	0	141,000

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Detail- Project Costs by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Conversion of State Funded Recreation Land Mitigation	PR160006	0	0	60,000	0	0	0	0	0	60,000
Craighill Park	PR150019	0	50,000	0	0	0	0	0	0	50,000
Drollinger Park	PR130007	60,000	0	0	60,000	0	0	0	0	120,000
Gala Park	PR130012	295,886	32,500	0	0	70,000	0	0	0	398,386
Hanford Legacy Park	PR130003	247,541	0	0	0	500,000	700,000	500,000	700,000	2,647,541
Horn Rapids Athletic Complex	PR160003	0	0	50,000	150,000	150,000	150,000	150,000	0	650,000
Library Upgrade of RFID Hardware & Software at Book Drop	PR160004	0	0	115,000	0	0	0	0	0	115,000
Municipal Facilities Ongoing Maintenance	PR140020	1,560,499	100,000	270,000	300,000	300,000	300,000	600,000	300,000	3,730,499
Park, Facility & Trail Signage	PR140009	100,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	275,000
Parks Facilities Ongoing Maintenance	PR140021	40,000	100,000	302,000	750,000	750,000	750,000	750,000	750,000	4,192,000
Tree Replacement	PR130016	40,000	20,000	40,000	20,000	20,000	20,000	20,000	0	180,000
West Village Park at Badger Mountain South	PR130005	0	0	0	0	0	0	0	1,600,000	1,600,000
Parks Total:		3,403,886	462,500	1,023,000	2,050,000	3,325,000	2,205,000	2,305,000	3,625,000	18,399,386
Solid Waste										
Disposal Capacity Improvements	SW130002	0	143,512	0	1,175,000	6,685,000	0	0	0	8,003,512
Groundwater Contamination Management	SW150007	0	151,479	50,000	0	0	0	0	0	201,479
Landfill Closure, Phase 2	SW130003	0	0	0	0	225,000	3,555,000	0	0	3,780,000
Solid Waste Facility Improvements	SW160001	0	0	165,000	20,000	0	0	0	0	185,000
Solid Waste Total:		0	294,991	215,000	1,195,000	6,910,000	3,555,000	0	0	12,169,991
Stormwater										
Leslie Road Storm Drain Replacement	ST160001	0	0	0	839,000	0	0	0	0	839,000
Stormwater Rehabilitation & Replacement	ST130001	992,156	147,934	200,000	226,000	240,000	255,000	270,000	285,000	2,616,090
Water Quality Retrofit Program	ST130006	371,530	533,187	154,000	95,000	122,000	158,000	452,000	733,000	2,618,717
Stormwater Total:		1,363,686	681,121	354,000	1,160,000	362,000	413,000	722,000	1,018,000	6,073,807
Transportation										
ADA Compliance / Sidewalk Repairs Program	TR130004	408,446	238,595	100,000	100,000	100,000	100,000	100,000	100,000	1,247,041
Bellerive Drive Extension	TR150024	0	0	0	0	10,000	10,000	50,000	0	70,000
Center Parkway Construction	TR130002	3,014,754	2,423,454	716,930	0	0	0	0	0	6,155,138
Columbia Park Trail Improvements - East	TR140016	0	0	0	0	0	150,000	1,150,000	0	1,300,000

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Detail- Project Costs by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Duportail Bridge	TR130001	2,485,162	2,026,399	1,150,000	16,800,000	10,300,000	4,700,000	0	0	37,461,561
Gage Boulevard Improvements	TR150023	0	0	0	0	0	0	75,000	750,000	825,000
I-182 / Queensgate Eastbound Ramp Terminal Improvements	TR150021	0	150,000	2,700,000	0	0	0	0	0	2,850,000
Marcus Whitman Elementary Sidewalks	TR160003	0	0	35,000	420,000	0	0	0	0	455,000
Pavement Preservation Program (Street Resurfacing)	TR130003	15,481,794	1,283,156	1,480,000	2,080,000	2,570,000	3,290,000	3,290,000	3,290,000	32,764,950
Queensgate Drive - Phase II	TR150025	0	0	0	0	0	300,000	500,000	2,600,000	3,400,000
Queensgate Drive / Columbia Park Trail Improvements	TR150022	0	0	402,000	1,685,200	0	0	0	0	2,087,200
Queensgate Drive Extension	TR140018	51,150	0	0	0	0	250,000	850,000	0	1,151,150
Rachael Road Extension/Improvements	TR140019	0	150,000	0	0	200,000	300,000	1,700,000	0	2,350,000
South GWW Intersection Improvements	TR130011	104,945	143,284	0	0	751,200	500,000	6,713,345	0	8,212,774
South GWW Pedestrian Overpass and Entry Feature	TR160004	0	0	0	200,000	0	2,400,000	0	0	2,600,000
South Richland Collector Streets	TR160005	0	0	100,000	0	0	0	0	0	100,000
SR 240 / Kingsgate Traffic Signal	TR160001	0	0	535,500	0	0	0	0	0	535,500
Steptoe Street / Tapteal Drive Intersection Improvements	TR140017	0	80,000	0	0	0	0	1,380,000	0	1,460,000
Stevens Drive Pathway	TR150026	0	0	0	0	0	70,000	880,000	0	950,000
Swift Boulevard Improvements	TR160002	0	0	1,330,000	0	0	0	0	0	1,330,000
Vantage Highway Pathway - Phase II	TR140020	0	0	0	75,000	595,000	0	0	0	670,000
Vantage Highway Pathway - Phase III	TR150027	0	0	0	0	0	0	50,000	550,000	600,000
Transportation Total:		21,546,251	6,494,888	8,549,430	21,360,200	14,526,200	12,070,000	16,738,345	7,290,000	108,575,314
Wastewater										
City View Sewer Relocation	WW160001	0	0	180,000	0	0	0	0	0	180,000
Collection System Renewal & Replacement	WW130001	7,787,459	439,187	2,314,000	1,762,000	1,819,000	1,878,000	2,468,000	2,003,000	20,470,646
Influent Upgrades	WW130003	0	100,000	2,183,000	0	0	0	0	0	2,283,000
Wastewater Treatment Facility Renewal & Replacement	WW130006	2,220,890	1,047,479	405,000	551,000	568,000	587,000	606,000	626,000	6,611,369
Wastewater Total:		10,008,349	1,586,666	5,082,000	2,313,000	2,387,000	2,465,000	3,074,000	2,629,000	29,545,015
Water										
Automatic Meter Reading System	WA160001	0	0	235,000	3,000,000	0	0	0	0	3,235,000
Broadmoor Street Conversion from Tapteal I to Tapteal II	WA160005	0	0	0	0	0	0	107,000	0	107,000
Chief Joseph Middle School Irrigation Well	WA150010	0	0	0	150,000	0	0	0	0	150,000

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Detail- Project Costs by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Columbia River Intake Screen Upgrade	WA160002	0	0	0	200,000	100,000	4,330,000	0	0	4,630,000
Core Y Additional PRV	WA160006	0	0	0	0	0	0	406,000	0	406,000
Distribution System Repairs & Replacement	WA130002	28,517,716	693,177	200,000	250,000	300,000	350,000	350,000	500,000	31,160,893
Duportail Street Transmission Main	WA160007	0	0	750,000	0	0	0	0	0	750,000
Duportail Street Well	WA130004	56,655	1,640,545	500,000	0	0	0	0	0	2,197,200
High Meadows St and Leslie Road PRV (Tapteal II and Taptail)	WA160004	0	0	0	0	0	0	102,000	0	102,000
Irrigation Utility Capital Improvements	WA130003	909,158	700,015	230,000	100,000	100,000	100,000	100,000	100,000	2,339,173
Orchard Way Conversion from Tapteal I to Tapteal II	WA160003	0	0	0	0	0	0	35,000	0	35,000
Tapteal I Pump Station Upgrade	WA160010	0	0	0	0	0	50,000	450,000	0	500,000
Tapteal II Loop	WA160008	0	0	0	0	0	114,000	0	0	114,000
Tapteal VI Water Main	WA160009	0	0	0	0	0	0	487,000	0	487,000
Water Treatment Plant Renewal & Replacement	WA130007	2,217,714	449,056	361,000	53,000	383,000	56,000	406,000	457,000	4,382,770
WTP Solids Handling Improvements	WA130006	0	0	0	0	0	0	400,000	0	400,000
Yakima River Crossing Pipeline Replacement	WA130008	0	341,250	1,000,000	3,500,000	2,999,000	0	0	0	7,840,250
Water Total:		31,701,243	3,824,043	3,276,000	7,253,000	3,882,000	5,000,000	2,843,000	1,057,000	58,836,286
Waterfront										
Columbia Playfield Improvements	WF140007	1,001,522	39,436	513,000	50,000	0	0	300,000	0	1,903,958
Columbia Point Golf Course Clubhouse Food & Beverage	WF160003	0	0	266,000	0	0	0	0	0	266,000
Columbia Point Marina Park	WF150015	148,846	280,000	294,000	0	0	0	0	0	722,846
Community Center Modernization	WF150014	0	45,000	0	0	0	0	0	0	45,000
Fire Station 71 - Replacement Station	WF140004	0	0	0	0	0	0	0	4,950,000	4,950,000
Gateway Entrance Improvements	WF140012	182,137	134,174	36,000	36,000	36,000	36,000	0	0	460,311
Howard Amon Park:Riverfront Trail & Beach Restoration	WF140011	0	180,000	185,400	390,000	320,000	450,000	340,000	0	1,865,400
John Dam Plaza Improvements	WF140008	961,463	489,431	25,000	240,000	200,000	240,000	200,000	200,000	2,555,894
Leslie Groves Park	WF160002	0	0	0	120,000	0	0	0	0	120,000
Richland Public Library Makerspace	WF150016	0	270,000	0	0	0	0	0	0	270,000
Shoreline Enhancement and Deferred Maintenance	WF140010	1,200	58,800	30,000	30,000	30,000	30,000	30,000	30,000	240,000
Swift Corridor: City Hall Replacement	WF140003	1,339,923	1,375,000	16,646,860	0	0	0	0	0	19,361,783
Urban Greenbelt Trail	WF160001	0	0	80,000	0	0	0	0	0	80,000

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Detail- Project Costs by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Waterfront District Vision Plan	WF140002	54,650	46,850	10,000	0	0	0	0	0	111,500
Waterfront Redevelopment Planning Study	WF140001	200,000	0	0	0	0	0	0	0	200,000
Wye Park Improvements	WF160004	0	0	58,604	0	0	0	0	0	58,604
Waterfront Total:		3,889,741	2,918,691	18,144,864	866,000	586,000	756,000	870,000	5,180,000	33,211,296
Report Total:		72,859,050	31,360,655	61,500,644	54,200,853	49,483,495	40,866,508	49,317,410	37,461,733	397,050,348

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FIN-BUD-CIP-002-DeptFunding

Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Electric										
Benton PUD Contributions		0	250,000	400,000	400,000	150,000	50,000	0	0	1,250,000
Bonds - Future Issue		0	0	0	6,067,000	3,830,000	3,847,000	3,190,000	5,021,000	21,955,000
Bonds - Prior Issue		0	7,489,000	12,509,000	1,256,000	0	0	0	0	21,254,000
Facility Fees		0	600,000	750,000	750,000	750,000	750,000	800,000	1,800,000	6,200,000
RAISE (LRF)		0	0	800,000	0	0	80,000	80,000	20,000	980,000
Rate Revenue		0	3,050,000	3,000,000	3,000,000	4,000,000	5,265,000	5,000,000	6,800,000	30,115,000
Electric Total:		0	11,389,000	17,459,000	11,473,000	8,730,000	9,992,000	9,070,000	13,641,000	81,754,000
Municipal										
Capital Lease/LT Debt Proceeds		0	0	810,000	0	0	0	0	0	810,000
Criminal Justice Sales Tax		174,000	96,000	69,046	61,817	53,060	54,122	55,204	56,308	619,557
Electric Fund		175,000	334,250	817,180	626,198	883,569	281,377	289,819	298,513	3,705,906
Equipment Maint Fund		12,989	13,639	94,605	74,443	37,007	16,578	17,407	18,277	284,945
Equipment Reserves		(1,116,325)	501,540	1,098,543	1,600,446	324,689	1,341,852	198,301	(413,495)	3,535,551
Facility Fees		0	0	100,000	0	0	0	0	0	100,000
General Fund		544,866	1,262,810	2,877,007	2,049,808	1,179,607	908,117	953,523	1,001,199	10,776,937
Healthcare Benefits Fund		0	0	158,053	16,392	0	0	0	0	174,445
Industrial Development Fund		0	100,000	17,808	5,253	0	0	0	0	123,061
Medical Services Fund		125,000	129,250	178,410	166,338	161,413	151,938	159,535	167,512	1,239,396
Public Works Admin & Eng		10,000	10,500	55,689	80,228	12,271	12,763	13,401	14,071	208,923
Rate Revenue		0	0	100,000	0	0	0	0	0	100,000
Service Agreement Revenue		0	0	0	0	4,000,000	0	0	0	4,000,000
Solid Waste Fund		685,000	745,500	112,655	854,393	912,499	896,525	941,352	988,419	6,136,343
Stormwater Fund		52,368	85,671	107,793	92,218	119,773	91,359	94,099	96,922	740,203
Streets Fund (GF)		90,000	144,500	191,417	205,822	169,781	175,641	184,423	193,644	1,355,228
Unfunded		0	0	0	0	0	0	10,252,241	0	10,252,241
Wastewater Fund		108,570	151,784	288,489	328,269	440,928	270,157	283,665	297,849	2,169,711
Water Fund		84,426	133,311	320,655	369,028	480,698	210,079	252,095	302,514	2,152,806
Municipal Total:		945,894	3,708,755	7,397,350	6,530,653	8,775,295	4,410,508	13,695,065	3,021,733	48,485,253

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Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Parks										
CDBG Funds		0	50,000	0	0	0	0	0	0	50,000
Criminal Justice Sales Tax		0	0	91,000	20,000	10,000	10,000	10,000	0	141,000
Donations		43,580	35,000	0	0	0	0	0	0	78,580
Electric Fund		84,250	33,700	14,760	260,725	16,400	16,400	16,400	16,400	459,035
Equipment Maint Fund		0	0	6,921	7,690	7,690	7,690	7,690	7,690	45,371
General Fund		1,633,457	38,900	215,280	521,225	239,200	239,200	239,200	239,200	3,365,662
Grant - RCO		215,676	0	0	0	500,000	500,000	0	1,000,000	2,215,676
Hotel/Motel-Lodging Funds		237,541	0	0	0	500,000	0	500,000	0	1,237,541
Industrial Development Fund		0	0	60,000	0	0	0	0	0	60,000
Library Capital Reserve		0	0	115,000	0	0	0	300,000	0	415,000
LTGO Bond Fund		15,000	0	0	0	0	0	0	0	15,000
Medical Services Fund		0	1,700	0	0	0	0	0	0	1,700
Medical Services Fund		0	0	0	12,325	0	0	0	0	12,325
Park District 1		31,000	0	0	60,000	0	0	0	0	91,000
Parks Reserve Fund		248,246	0	0	0	0	0	0	0	248,246
Parks Reserve Fund (Undesignated)		201,500	20,000	20,000	20,000	20,000	20,000	20,000	20,000	341,500
Parks Reserve-Park District 4		0	0	0	0	0	0	0	1,100,000	1,100,000
Parks Reserve-Park District 5		384,386	132,500	0	0	170,000	0	0	0	686,886
Public Works Admin & Eng		0	0	2,763	3,070	3,070	3,070	3,070	3,070	18,113
REET-RE Excise Tax 1st 1/4%		225,000	125,000	467,000	155,000	155,000	605,000	405,000	455,000	2,592,000
Solid Waste Fund		6,250	2,500	1,782	20,105	1,980	1,980	1,980	1,980	38,557
Stormwater Fund		4,500	1,800	1,080	14,250	1,200	1,200	1,200	1,200	26,430
Streets Fund (GF)		0	0	8,262	9,180	9,180	9,180	9,180	9,180	54,162
Unfunded		0	0	0	770,000	1,670,000	770,000	770,000	750,000	4,730,000
Wastewater Fund		21,500	8,600	8,253	71,520	9,170	9,170	9,170	9,170	146,553
Water Fund		32,000	12,800	10,899	104,910	12,110	12,110	12,110	12,110	209,049
WCIA Insurance Settlement Pmt		20,000	0	0	0	0	0	0	0	20,000
Parks Total:		3,403,886	462,500	1,023,000	2,050,000	3,325,000	2,205,000	2,305,000	3,625,000	18,399,386

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Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Solid Waste										
Bonds - Future Issue		0	0	0	1,175,000	6,685,000	0	0	0	7,860,000
Rate Revenue		0	294,991	215,000	20,000	0	0	0	0	529,991
Solid Waste Fund (Rsv for closure)		0	0	0	0	225,000	3,555,000	0	0	3,780,000
Solid Waste Total:		0	294,991	215,000	1,195,000	6,910,000	3,555,000	0	0	12,169,991
Stormwater										
Grant - WA State Dept of Ecology		371,530	388,187	0	0	0	0	0	0	759,717
Grant Funds (Unsecured)		0	0	115,500	71,250	91,500	118,500	339,000	549,750	1,285,500
Rate Revenue		992,156	292,934	238,500	1,088,750	270,500	294,500	383,000	468,250	4,028,590
Stormwater Total:		1,363,686	681,121	354,000	1,160,000	362,000	413,000	722,000	1,018,000	6,073,807
Transportation										
2013 BFCOG STP Funding Dist		227,027	821,080	0	0	0	0	0	0	1,048,107
Benton County Rural Dev Funds (City)		0	0	1,711,696	0	0	1,200,000	0	0	2,911,696
Business License Reserve Fund		0	25,700	25,000	25,000	25,000	25,000	25,000	25,000	175,700
CDBG Funds		252,516	187,999	65,000	65,000	65,000	65,000	65,000	65,000	830,515
City of Kennewick (RR Negotiation)		1,070,278	0	0	0	0	0	0	0	1,070,278
Developer Contribution (ROW)		0	136,000	0	0	0	0	0	0	136,000
Developer Deposits		0	0	242,050	0	0	0	0	0	242,050
Federal Appropriation (2013 Budget)		325,383	0	0	0	0	0	0	0	325,383
Federal Earmark Funding		0	0	2,350,000	0	0	0	0	0	2,350,000
General Fund		1,567,463	368,000	930,000	930,000	930,000	930,000	930,000	930,000	7,515,463
General Fund (in Lieu of PWTF Debt Svc)		102,573	155,319	0	0	0	0	0	0	257,892
General Obligation Bonds (TBD)		0	0	0	0	1,850,000	450,000	0	0	2,300,000
Grant - (Unsecured)		0	0	35,000	420,000	0	0	0	0	455,000
Grant - STP Fund - COG (Unsecured)		0	300,000	600,000	0	0	0	0	0	900,000
Grant - TIB (Unsecured)		0	116,930	116,930	0	0	90,000	690,000	0	1,013,860
Grant Funds (Unsecured)		0	0	0	1,620,254	524,800	89,150	64,875	648,750	2,947,829
HSIP Funds (Secured)		32,436	0	0	0	0	0	0	0	32,436
Impact Fees		0	300,000	450,000	0	200,000	300,000	1,700,000	0	2,950,000

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Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Impact Fees (Traffic)		51,150	0	0	0	0	160,850	850,000	0	1,062,000
Industrial Development Fund		500,000	0	293,450	0	0	0	0	0	793,450
LTGO 98 Fund		715,000	0	0	0	0	0	0	0	715,000
Private Partner		0	40,000	0	0	0	0	0	0	40,000
Public Works Trust Fund Loan		750,000	0	0	0	0	0	0	0	750,000
REET-RE Excise Tax 1st 1/4%		623,359	66,760	10,000	220,250	182,880	150,000	230,125	101,250	1,584,624
REET-RE Excise Tax 2nd 1/4%		3,300,064	450,000	300,000	310,000	310,000	670,000	570,000	310,000	6,220,064
Revitalization Grant City Match		86,500	0	0	0	0	0	0	0	86,500
Sewer Coll Sys Renewal & Replc		0	0	10,152	59,848	0	0	0	0	70,000
Solid Waste Closure & Gen Ob Bonds		0	1,000,000	1,150,000	0	0	0	0	0	2,150,000
STP - Urban Grant		524,990	0	0	0	0	0	0	0	524,990
STP Fund (Secured-COG)		283,098	1,572,902	0	0	0	0	0	0	1,856,000
STP Fund (Unsecured-COG)		0	0	0	0	187,800	125,000	2,159,700	0	2,472,500
STP-UL Funds (Secured)		45,080	41,420	0	0	0	0	0	0	86,500
Street Fund - Fuel Tax		1,726,445	78,156	0	0	0	0	0	0	1,804,601
Street Fund - Utility Charges		2,687,270	0	0	0	0	0	0	0	2,687,270
Street Fund - Utility Occupation Tax		6,129,241	0	0	0	0	0	0	0	6,129,241
Streets M&O Fund		0	537,000	0	0	0	0	0	0	537,000
TAP (UL) Grant (Unsecured)		0	0	0	0	0	0	30,000	550,000	580,000
TIB Grant		346,378	297,622	0	0	0	0	0	0	644,000
TIB Grant (Unsecured)		0	0	0	4,000,000	3,450,720	325,000	4,553,645	0	12,329,365
Transportation Benefit District		0	0	250,000	850,000	575,000	575,000	575,000	575,000	3,400,000
Unfunded		0	0	0	0	775,000	1,865,000	4,295,000	4,085,000	11,020,000
WA DOT Safety Grant		200,000	0	0	0	0	0	0	0	200,000
Washington State Grant		0	0	0	12,800,000	4,200,000	3,000,000	0	0	20,000,000
Water Dist Sys Renewal & Replc		0	0	10,152	59,848	0	0	0	0	70,000
WSDOT Bike/Ped Grant (Unsecured)		0	0	0	0	0	800,000	0	0	800,000
WSDOT SR 240 Project Funds		0	0	0	0	1,250,000	1,250,000	0	0	2,500,000
Transportation Total:		21,546,251	6,494,888	8,549,430	21,360,200	14,526,200	12,070,000	16,738,345	7,290,000	108,575,314

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Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Wastewater										
Bonds - Future Issue		0	100,000	2,183,000	0	0	0	0	0	2,283,000
Rate Revenue		10,008,349	1,486,666	1,699,000	1,713,000	1,787,000	1,865,000	2,474,000	2,029,000	23,062,015
Wastewater Facility Fees		0	0	1,200,000	600,000	600,000	600,000	600,000	600,000	4,200,000
Wastewater Total:		10,008,349	1,586,666	5,082,000	2,313,000	2,387,000	2,465,000	3,074,000	2,629,000	29,545,015
Water										
Facility Fees		91,655	1,640,545	992,500	1,575,000	0	25,000	631,000	0	4,955,700
Grant - FEMA		0	100,000	750,000	1,143,301	0	0	0	0	1,993,301
Grant - Supplemental/Federal		503,000	0	0	0	0	0	0	0	503,000
Irrigation Utility Rate Revenue		374,399	431,774	230,000	125,000	100,000	100,000	100,000	100,000	1,561,173
Private Development		0	0	0	0	0	114,000	487,000	0	601,000
Public Works Trust Fund Loan		15,525,414	0	0	0	0	0	0	0	15,525,414
Rate Revenue		10,283,766	1,142,233	1,053,500	2,003,000	783,000	406,000	1,000,000	957,000	17,628,499
Revenue Bond Issue		4,923,009	509,491	250,000	2,356,699	2,999,000	4,330,000	0	0	15,368,199
Richland School District		0	0	0	50,000	0	0	0	0	50,000
Surplus Property Sale		0	0	0	0	0	0	400,000	0	400,000
West Richland		0	0	0	0	0	25,000	225,000	0	250,000
Water Total:		31,701,243	3,824,043	3,276,000	7,253,000	3,882,000	5,000,000	2,843,000	1,057,000	58,836,286
Waterfront										
Bonds - Future Issue		0	0	16,200,000	0	0	0	0	4,950,000	21,150,000
Business License Reserve Fund		133,894	48,000	0	100,000	50,000	90,000	50,000	0	471,894
CDBG Funds		0	0	121,604	50,000	0	0	0	0	171,604
Criminal Justice Sales Tax		0	20,000	0	0	0	0	0	0	20,000
Donations		0	0	100,000	0	0	0	0	0	100,000
Donations (Hapo)		30,000	30,000	0	0	0	0	0	0	60,000
General Fund		19,150	46,850	10,000	0	0	0	0	0	76,000
General Fund - Facility Reserves		178,718	1,375,000	0	0	0	0	0	0	1,553,718
Grant		640,569	459,431	180,000	0	0	0	0	0	1,280,000
Grant - RCO		0	0	310,400	0	150,000	0	170,000	0	630,400

2017-2030 Capital Improvement Plan



Capital Improvement Plan

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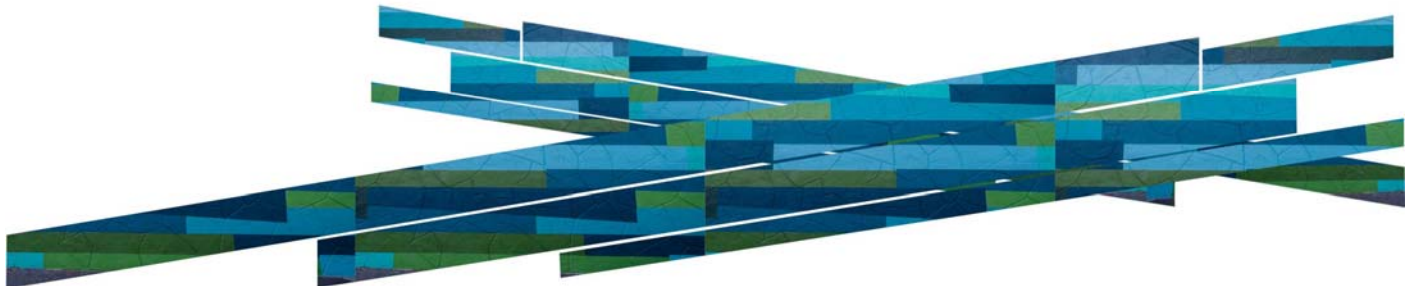
Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Grant (YAF)		63,846	140,000	0	0	0	0	0	0	203,846
Hotel/Motel-Lodging Funds		69,747	109,436	275,000	60,000	50,000	50,000	50,000	0	664,183
Industrial Development Fund		217,637	0	0	0	0	0	0	0	217,637
Land Sale (Swift & GWW)		111,205	0	0	0	0	0	0	0	111,205
Library Capital Reserve		0	170,000	0	0	0	0	0	0	170,000
Library Const. Fund (Added Parking)		250,000	0	0	0	0	0	0	0	250,000
Library Foundation		0	100,000	0	0	0	0	0	0	100,000
Lodging Tax Grant (Secured)		771,775	0	0	0	0	0	0	0	771,775
LTGO 98 Fund		550,000	0	0	0	0	0	0	0	550,000
LTGO Bond Fund		250,000	0	0	0	0	0	0	0	250,000
Parks Reserve Fund (Undesignated)		128,700	58,800	30,000	30,000	30,000	30,000	30,000	30,000	367,500
Parks Reserve-Park District 2		14,500	0	0	0	0	0	0	0	14,500
Private Funding		50,000	0	0	0	0	0	0	0	50,000
REET-RE Excise Tax 1st 1/4%		250,000	361,174	684,200	456,000	306,000	286,000	570,000	200,000	3,113,374
Right-of-Way Sale (Secured)		160,000	0	0	0	0	0	0	0	160,000
Unfunded		0	0	0	170,000	0	300,000	0	0	470,000
Utility Occ Tax Increase		0	0	233,660	0	0	0	0	0	233,660
Waterfront Total:		3,889,741	2,918,691	18,144,864	866,000	586,000	756,000	870,000	5,180,000	33,211,296
Report Total:		72,859,050	31,360,655	61,500,644	54,200,853	49,483,495	40,866,508	49,317,410	37,461,733	397,050,348

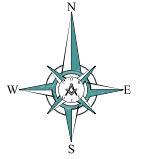
2017-2030 Capital Improvement Plan



Electric

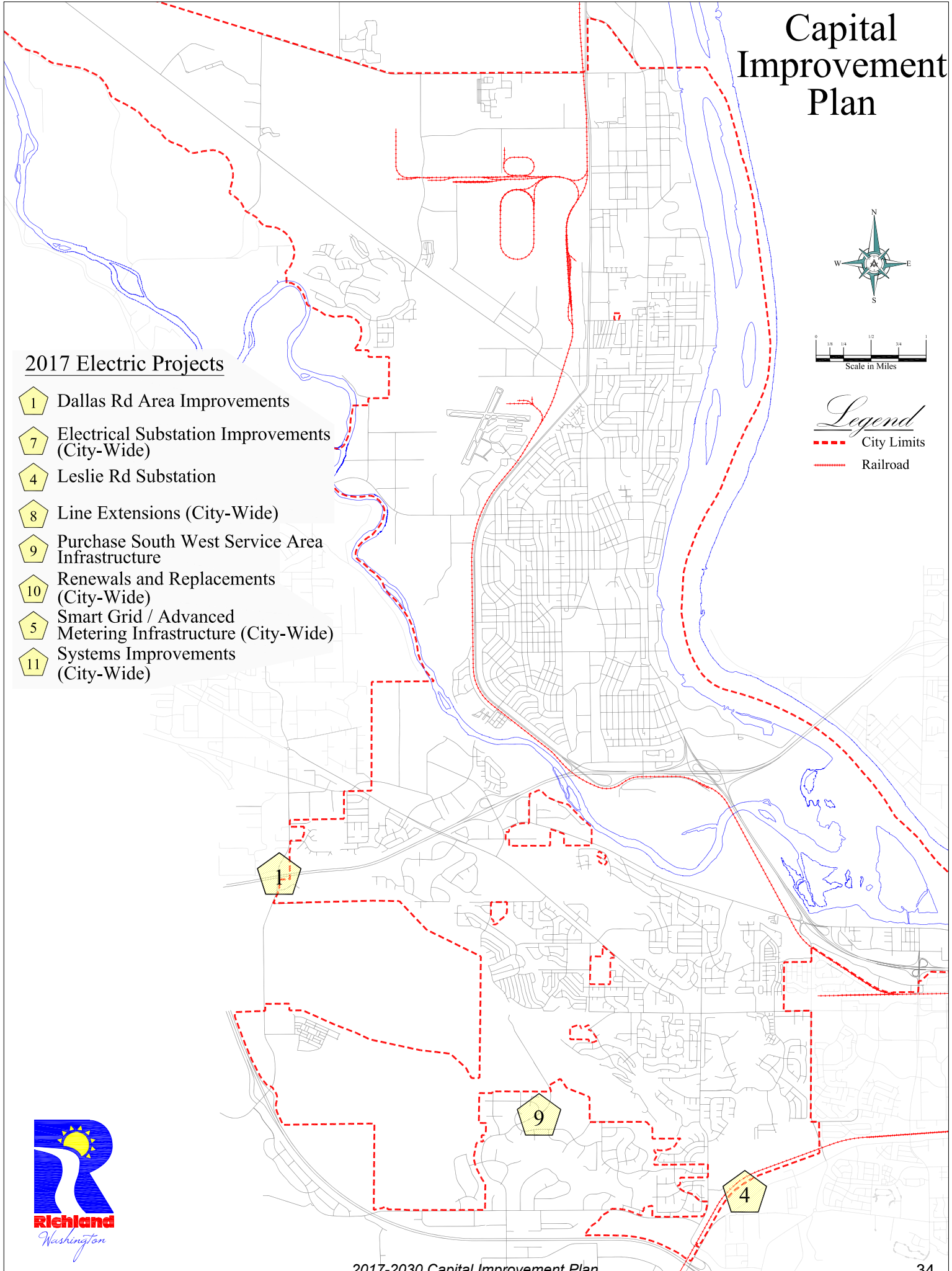


Capital Improvement Plan



2017 Electric Projects

- 1 Dallas Rd Area Improvements
- 7 Electrical Substation Improvements (City-Wide)
- 4 Leslie Rd Substation
- 8 Line Extensions (City-Wide)
- 9 Purchase South West Service Area Infrastructure
- 10 Renewals and Replacements (City-Wide)
- 5 Smart Grid / Advanced Metering Infrastructure (City-Wide)
- 11 Systems Improvements (City-Wide)





Capital Improvement Plan

2017 thru 2030

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Electric Projects

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Electric										
PROJECT COSTS										
Dallas Rd Area Improvements	ES130001	0	212,000	1,097,000	1,098,000	2,562,000	3,160,000	0	1,093,000	9,222,000
Electrical Substation Improvements	ES130007	0	1,443,000	2,114,000	0	0	0	0	2,774,000	6,331,000
Equipment Storage and Maintenance Repair Shop	ES130012	0	0	0	0	0	636,000	0	0	636,000
Hanford Substation	ES130002	0	0	0	0	0	0	0	4,300,000	4,300,000
Kingsgate Substation	ES130003	0	0	0	0	0	2,118,000	2,118,000	0	4,236,000
Leslie Rd Substation	ES130004	0	2,319,000	5,099,000	2,663,000	0	0	0	0	10,081,000
Line Extensions	ES130008	0	800,000	1,006,000	1,006,000	1,006,000	1,006,000	1,006,000	1,006,000	6,836,000
Major Equipment Purchases	ES160001	0	0	0	265,000	0	488,000	0	318,000	1,071,000
Purchase Southwest Service Area Infrastructure	ES130009	0	462,000	150,000	0	0	0	200,000	0	812,000
Renewal & Replacement	ES130010	0	2,781,000	1,761,000	959,000	755,000	1,191,000	1,267,000	3,119,000	11,833,000
Smart Grid / Advanced Metering Infrastructure	ES130005	0	300,000	2,735,000	3,735,000	3,830,000	0	0	0	10,600,000
Systems Improvements	ES130011	0	3,072,000	3,497,000	1,747,000	577,000	1,393,000	4,479,000	1,031,000	15,796,000
	Electric Total:	0	11,389,000	17,459,000	11,473,000	8,730,000	9,992,000	9,070,000	13,641,000	81,754,000
FUNDING SOURCES										
Benton PUD Contributions		0	250,000	400,000	400,000	150,000	50,000	0	0	1,250,000
Bonds - Future Issue		0	0	0	6,067,000	3,830,000	3,847,000	3,190,000	5,021,000	21,955,000
Bonds - Prior Issue		0	7,489,000	12,509,000	1,256,000	0	0	0	0	21,254,000
Facility Fees		0	600,000	750,000	750,000	750,000	750,000	800,000	1,800,000	6,200,000
RAISE (LRF)		0	0	800,000	0	0	80,000	80,000	20,000	980,000
Rate Revenue		0	3,050,000	3,000,000	3,000,000	4,000,000	5,265,000	5,000,000	6,800,000	30,115,000
	Electric Total:	0	11,389,000	17,459,000	11,473,000	8,730,000	9,992,000	9,070,000	13,641,000	81,754,000

Dallas Rd Area Improvements

Type of Project Electric		Partnership Project? <input type="checkbox"/> NO	Project # ES130001
Key # 2	Goal # 1	Strategic Leadership Plan Project? Yes	
PROJECT NAME: Dallas Rd Area Improvements			
PROJECT ADMINISTRATION: Energy Services			
PROJECT LOCATION: Dallas Rd / I-182 (substation location)			
PROJECT TIMELINE: 2016 - 2022			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO			

PROJECT DESCRIPTION

Plan, design, and construct a new electrical system substation and connect via new and existing transmission power lines into the electric system grid.

PROJECT ASSUMPTIONS

BPA will approve plan / design to connect to BPA system. Coordination with Benton PUD & Benton REA. Condemnation of segment of r/w anticipated. WSDOT franchise agreement required to cross I-182. City has to secure right of way to site both the substation and the transmission lines. BPA may cost share to minor extent in order to improve its transmission grid reliability. Load growth continues at present rates in the new Badger Mountain South Sub area as well as surrounding properties in southwest portion of the City. Developer facility fees may pay portion of new substation costs based on load causation principles.

BENEFITS

Additional electrical utility load capacity will be necessary due to growth. System reliability and regulatory mandates also have to be met to address utility load growth.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	3,391,000					1,265,000	2,126,000		-
EXPERT SERVICES	4,630,000		200,000	1,030,000	1,000,000	850,000	550,000		1,000,000
LABOR	358,000			20,000	20,000	142,000	156,000		20,000
EQUIPMENT	86,000			4,000	5,000	44,000	33,000		-
OVERHEAD	264,000			11,000	11,000	116,000	115,000		11,000
ENGINEERING	493,000		12,000	32,000	62,000	145,000	180,000		62,000
TOTAL	\$ 9,222,000	\$ -	\$ 212,000	\$ 1,097,000	\$ 1,098,000	\$ 2,562,000	\$ 3,160,000	\$ -	\$ 1,093,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	4,255,000				250,000	1,912,000	1,000,000		1,093,000
REVENUE BOND ISSUE (2015)	959,000		212,000	747,000					
REVENUE BOND ISSUE (2018)	3,108,000				498,000	500,000	2,110,000		
BENTON PUD CONTRIBUTIONS	900,000			350,000	350,000	150,000	50,000		
	-								
	-								
TOTAL	\$ 9,222,000	\$ -	\$ 212,000	\$ 1,097,000	\$ 1,098,000	\$ 2,562,000	\$ 3,160,000	\$ -	\$ 1,093,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	1,097,000	401-XXX-XXXX-XXXXX-XXXX
TOTAL	\$ 1,097,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Hanford Substation

Type of Project

Electric

Partnership Project?

YES

Project #

ES130002

Key #

2

Goal #

1

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Hanford Substation

PROJECT ADMINISTRATION: Energy Services

PROJECT LOCATION: Cypress and Stevens Drive Intersection

PROJECT TIMELINE: 2023

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Plan, design, and construct a new electrical system substation / transmission lines and connect to the electric system grid operated by Bonneville Power Administration (BPA).

PROJECT ASSUMPTIONS

City has to secure right of way to site the substation and connect to the existing transmission lines. DOE land transfer progress will continue resulting in adjacent properties to be available and attractive for major industrial growth. Developer facility fees may pay a portion of the new substation costs based on load causation principles. Some project components may be pre-purchased or secured prior to 2023 depending on materials market availability. No cost escalation factors have been applied to 2013 estimated values.

BENEFITS

Additional electrical utility load capacity will be necessary due to growth. System reliability and regulatory mandates also have to be met to address utility load growth. This substation along with the North Richland substation and transmission power line feeding it will be critical to position for economic development opportunities on Hanford land transfer properties.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022-2030
MATERIAL	300,000								300,000
EXPERT SERVICES	3,000,000								3,000,000
LABOR	100,000								100,000
EQUIPMENT	800,000								800,000
OVERHEAD	-								
ENGINEERING	100,000								100,000
TOTAL	\$ 4,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,300,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022-2030
FACILITY FEES	1,000,000								1,000,000
ELECTRIC RATE REVENUE	800,000								800,000
REVENUE BOND ISSUE (2019)	-								
REVENUE BOND ISSUE (2021)	2,500,000								2,500,000
	-								
	-								
TOTAL	\$ 4,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,300,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022-2030
RETAIL RATES PAY O&M COSTS (UNIT COSTS CURRENTLY BEING ANALYZED)	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Kingsgate Substation

Type of Project Electric		Partnership Project? <input type="text" value="NO"/>	Project # ES130003	
Key # 2	Goal # 1	Strategic Leadership Plan Project? Yes		
PROJECT NAME: Kingsgate Substation				
PROJECT ADMINISTRATION: Energy Services				
PROJECT LOCATION: Intersection of Future Lowe Rd and Battelle Blvd				
PROJECT TIMELINE: 2020 - 2021				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

New substation for the Horn Rapids Industrial Park. One 28,000 KVA capacity transformer and major materials purchased by City. Substation to be constructed and commissioned by the end of 2021.

PROJECT ASSUMPTIONS

City has to secure right of way to site the substation, the new transmission power line, and connect to the existing BPA transmission lines. DOE land transfer progress will continue resulting in adjacent properties to be available and attractive for major industrial growth. Developer facility fees may pay a portion of new substation costs based on load causation principles. Some project components may be pre-purchased or secured prior to 2020 depending on materials market availability and opportunities for right-of-way purchases that come available. No cost escalation factors have been applied to 2013 estimate values.

BENEFITS

Additional electrical utility load capacity will be necessary due to growth. System reliability and regulatory mandates also have to be met to address utility load growth. This substation and transmission power line feeding it will be critical to position for economic development opportunities on Hanford land transfer properties.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	2,200,000						1,100,000	1,100,000	
EXPERT SERVICES	1,700,000						850,000	850,000	
LABOR	50,000						25,000	25,000	
EQUIPMENT	20,000						10,000	10,000	
OVERHEAD	26,000						13,000	13,000	
ENGINEERING	240,000						120,000	120,000	
TOTAL	\$ 4,236,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,118,000	\$ 2,118,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	2,344,000						1,017,000	1,327,000	
REVENUE BOND ISSUE (2018)	1,101,000						1,101,000		
REVENUE BOND ISSUE (2021)	791,000							791,000	
	-								
	-								
TOTAL	\$ 4,236,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,118,000	\$ 2,118,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Leslie Rd Substation

Type of Project Electric		Partnership Project? <input type="text" value="NO"/>	Project # ES130004	
Key # 2	Goal # 1	Strategic Leadership Plan Project? Yes		
PROJECT NAME: <input type="text" value="Leslie Rd Substation"/>				
PROJECT ADMINISTRATION: <input type="text" value="Energy Services"/>				
PROJECT LOCATION: <input type="text" value="Northwest corner of Leslie & Rachel Roads intersection"/>				
PROJECT TIMELINE: <input type="text" value="2015 - 2018"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

Plan, design, and construct a new electrical system substation and connect into the electrical system grid operated by Bonneville Power Administration (BPA). Additionally, plan, design and construct primary underground distribution feeders from new substation to the City's new and existing electrical system.

PROJECT ASSUMPTIONS

Negotiate and apply to BPA regarding connection of new City for a new point of delivery, pay for upgrades to Badger Canyon substation and reconfigure BPA transmission line to serve the new load. Investments in this area will be paid back through rate revenues. Secure land for the new substation. Although all costs included in estimates below come from original stand alone City substation, it is assumed that costs will be offset through partnership with Benton PUD to apply for BPA interconnection, design, construct, and operate and maintain the new substation.

BENEFITS

Additional electrical utility load capacity will be necessary due to growth. System reliability and regulatory mandates also have to be met to address utility load growth.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	4,261,000		2,000,000	1,741,000	520,000				
EXPERT SERVICES	3,163,000		250,000	1,571,000	1,342,000				
LABOR	778,000			600,000	178,000				
EQUIPMENT	249,000			183,000	66,000				
OVERHEAD	1,221,000			815,000	406,000				
ENGINEERING	409,000		69,000	189,000	151,000				
TOTAL	\$ 10,081,000	\$ -	\$ 2,319,000	\$ 5,099,000	\$ 2,663,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	319,000		69,000		250,000				
REVENUE BOND ISSUE (2015)	8,305,000		2,000,000	5,049,000	1,256,000				
REVENUE BOND ISSUE (2018)	1,107,000				1,107,000				
BENTON PUD CONTRIBUTIONS	350,000		250,000	50,000	50,000				
	-								
	-								
TOTAL	\$ 10,081,000	\$ -	\$ 2,319,000	\$ 5,099,000	\$ 2,663,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
RETAIL RATES PAY O&M COSTS (UNIT COSTS CURRENTLY BEING ANALYZED)	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	5,099,000	401-XXX-XXXX-XXXXX-XXXX
TOTAL	\$ 5,099,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Smart Grid - Advanced Metering Infrastructure

Type of Project Electric		Partnership Project? <input type="checkbox"/> NO	Project # ES130005	
Key # 1	Goal # 4	Strategic Leadership Plan Project? Yes		
PROJECT NAME: Smart Grid - Advanced Metering Infrastructure				
PROJECT ADMINISTRATION: Energy Services				
PROJECT LOCATION: Various locations within the electric utility service area				
PROJECT TIMELINE: 2016 - 2019				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO				

PROJECT DESCRIPTION

Complete a detailed design and implement an electrical utility smart grid program to cost-effectively improve utility operations and provide the utility customers with options to control their power consumption and usage patterns.

PROJECT ASSUMPTIONS

Technology improvements continuing to advance, customers wish to make decisions that will reduce their electric bill, utility load growth will continue resulting in higher priced tier 2 power, regulatory mandates continuing to grow, complexity of operating the electric utility system infrastructure is increasing, utility will in the future qualify under the State's Energy Independence Act (I-937). Construction assumes phased and full change-out of electrical system meters to Advanced Meter Infrastructure technology. A federal smart grid technology grant is assumed to apply to offset construction costs.

BENEFITS

Trending represented by the project assumptions noted above will result in higher retail rates to electric utility customers. Smart grid implementation can be approached in a manner to minimize those rate increases, provide a higher level of electrical system reliability, and result in operational efficiencies (reduced operations and maintenance costs). The City will be mandated due to I-937 to achieve conservation targets or pay fines. Through coordinating with utility customers (interface at customer side of the meter), the City can save wholesale power costs at the same time that retail customers reduce their power bills.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	5,200,000			1,000,000	2,000,000	2,200,000			
EXPERT SERVICES	4,570,000		300,000	1,470,000	1,400,000	1,400,000			
LABOR	450,000			150,000	150,000	150,000			
EQUIPMENT	10,000			5,000	5,000				
OVERHEAD	240,000			80,000	80,000	80,000			
ENGINEERING	130,000			30,000	100,000				
TOTAL	\$ 10,600,000	\$ -	\$ 300,000	\$ 2,735,000	\$ 3,735,000	\$ 3,830,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	1,853,000			833,000	520,000	500,000			
REVENUE BOND ISSUE (2015)	2,202,000		300,000	1,902,000					
REVENUE BOND ISSUE (2018)	6,545,000				3,215,000	3,330,000			
	-								
	-								
TOTAL	\$ 10,600,000	\$ -	\$ 300,000	\$ 2,735,000	\$ 3,735,000	\$ 3,830,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ASSOCIATED O&M COSTS WILL REDUCE BY UNKNOWN AMOUNT (PART OF FEASIBILITY STUDY)	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	2,735,000	401-XXX-XXXX-XXXXXX-XXXX
TOTAL	\$ 2,735,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Electrical Substation Improvements

Type of Project Electric		Partnership Project? <input type="checkbox"/> NO	Project # ES130007	
Key # 2	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: Electrical Substation Improvements				
PROJECT ADMINISTRATION: Energy Services				
PROJECT LOCATION: Various locations - Eight City Substations				
PROJECT TIMELINE: Various				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO				

PROJECT DESCRIPTION

A variety of major improvement projects within the eight existing electric utility substation sites. Examples of work includes new transformer banks at Snyder and 115 kV bus modification at Tapteal substation.

PROJECT ASSUMPTIONS

Minor system improvement projects within the utility's substations are not included in this category of projects; rather are listed within the Systems Improvements or the Renewals & Replacements categories of the CIP . These major projects are funded primarily from revenue bonding with some additional funding through retail rate cash and possibly small amount of facility fees. Approval from BPA on substation modifications. All work anticipated within existing r/w. Growth continues in north Richland area.

BENEFITS

Projects necessary to maintain reliable service on a continual basis, meet regulatory requirements, and maintain / enhance existing levels of electrical system reliability. These projects are evaluated and prioritized based on the extreme consequences that substation failure and/or capacity issues would have to the utility's customers. These projects also result in operational efficiencies and flexibility.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	3,395,000		1,095,000	800,000					1,500,000
EXPERT SERVICES	2,281,000		150,000	1,031,000					1,100,000
LABOR	123,000		68,000	44,000					11,000
EQUIPMENT	36,000		11,000	25,000					
OVERHEAD	187,000		37,000	144,000					6,000
ENGINEERING	309,000		82,000	70,000					157,000
TOTAL	\$ 6,331,000	\$ -	\$ 1,443,000	\$ 2,114,000	\$ -	\$ -	\$ -	\$ -	\$ 2,774,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	774,000								774,000
REVENUE BOND ISSUE (2015)	3,557,000		1,443,000	2,114,000					
REVENUE BOND ISSUE (2021)	2,000,000								2,000,000
	-								
	-								
TOTAL	\$ 6,331,000	\$ -	\$ 1,443,000	\$ 2,114,000	\$ -	\$ -	\$ -	\$ -	\$ 2,774,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	2,114,000	401-XXX-XXXX-XXXXXX-XXXX
TOTAL	\$ 2,114,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Line Extensions

Type of Project Electric		Partnership Project? <input type="text" value="NO"/>	Project # ES130008	
Key # 2	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: <input type="text" value="Line Extensions"/>				
PROJECT ADMINISTRATION: <input type="text" value="Energy Services"/>				
PROJECT LOCATION: <input type="text" value="Various locations within the electric utility service area"/>				
PROJECT TIMELINE: <input type="text" value="Annual Ongoing"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

Capital improvement projects primarily for the purpose of extending electric utility infrastructure to new electric load.

PROJECT ASSUMPTIONS

Rate of growth with the associated development projects will follow historical trends. Funding for these projects through Facility Fees and retail rate cash. List of prospective projects is kept by City staff and used to plan for associated improvements. Some of these projects do not move forward, and other projects are identified during the year. Historical levels of expenditures are used to estimate the costs in this category.

BENEFITS

Appropriate planning, design, and construction of new-growth electric utility infrastructure results in higher system reliability and lower customer rates. These projects also result in operational efficiencies and flexibility.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	2,246,000		338,000	318,000	318,000	318,000	318,000	318,000	318,000
EXPERT SERVICES	-								
LABOR	2,083,000		175,000	318,000	318,000	318,000	318,000	318,000	318,000
EQUIPMENT	455,000		65,000	65,000	65,000	65,000	65,000	65,000	65,000
OVERHEAD	1,665,000		177,000	248,000	248,000	248,000	248,000	248,000	248,000
ENGINEERING	387,000		45,000	57,000	57,000	57,000	57,000	57,000	57,000
TOTAL	\$ 6,836,000	\$ -	\$ 800,000	\$ 1,006,000	\$ 1,006,000	\$ 1,006,000	\$ 1,006,000	\$ 1,006,000	\$ 1,006,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
FACILITY FEES	5,200,000		600,000	750,000	750,000	750,000	750,000	800,000	800,000
ELECTRIC RATE REVENUE	1,636,000		200,000	256,000	256,000	256,000	256,000	206,000	206,000
	-								
	-								
	-								
TOTAL	\$ 6,836,000	\$ -	\$ 800,000	\$ 1,006,000	\$ 1,006,000	\$ 1,006,000	\$ 1,006,000	\$ 1,006,000	\$ 1,006,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	1,006,000	401-XXX-XXXX-XXXXXX-XXXX
TOTAL	\$ 1,006,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Purchase Southwest Service Area Infrastructure

Type of Project Electric	Partnership Project? NO	Project # ES130009
Key # 2	Goal # 1	Strategic Leadership Plan Project? No
Purchase	Purchase Southwest Service Area Infrastructure	
PROJECT ADMINISTRATION:	Energy Services	
PROJECT LOCATION:	West of Leslie Rd near Rachel Road	
PROJECT TIMELINE:	Various	
RESPONSE TO *GMA LEVEL OF SERVICE?	NO	

PROJECT DESCRIPTION

Per 2005 Electrical Service Area Agreement, purchase the depreciated value of Benton PUD infrastructure currently serving Hidden Hills Phase 1, BMID pumping station, and Reatta Ridge in 2015 and other PUD facilities in 2020 serving any new City annexed properties in this southwest service area.

PROJECT ASSUMPTIONS

Benton PUD and the City agree on price for infrastructure. New load would be added to City View substation. The City has extended electrical infrastructure to transfer customers from Benton PUD to the City. Rate revenue from these new customers will pay back the costs to purchase the PUD infrastructure.

BENEFITS

The City through this purchase will implement in part its strategic plan goal to support population and business growth within the City's UGA.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	-								
EXPERT SERVICES	790,000		450,000	140,000				200,000	
LABOR	-								
EQUIPMENT	-								
OVERHEAD	-								
ENGINEERING	22,000		12,000	10,000					
TOTAL	\$ 812,000	\$ -	\$ 462,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	350,000			150,000				200,000	
REVENUE BOND ISSUE (2015)	462,000		462,000						
	-								
	-								
TOTAL	\$ 812,000	\$ -	\$ 462,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	150,000	401-XXX-XXXX-XXXXXX-XXXX
TOTAL	\$ 150,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Renewal & Replacement

Type of Project Electric		Partnership Project? <input type="checkbox"/> NO	Project # ES130010	
Key # 2	Goal # 2	Strategic Leadership Plan Project? No		
PROJECT NAME: Renewal & Replacement				
PROJECT ADMINISTRATION: Energy Services				
PROJECT LOCATION: Various locations within the electric utility service area				
PROJECT TIMELINE: Annual Investments				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO				

PROJECT DESCRIPTION

Capital improvement projects and capital maintenance and equipment replacement that extend the life of existing electric utility infrastructure. Some of these represent investment upgrades that are performed annually.

PROJECT ASSUMPTIONS

Deferring key renewal and replacement projects lead to increased operation and maintenance costs that have to be passed on to electric utility rate payers. These projects are funded primarily from rate revenue cash. High interface with property owners. Effectiveness through in-depth coordination with other City projects.

BENEFITS

Investment in these projects maintain appropriate levels of system reliability and meet regulatory compliance. Appropriate investments help keep utility retail rates lower by avoiding costly infrastructure rebuilds. These projects also result in operational efficiencies and flexibility.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	3,475,000		988,000	625,000	238,000	239,000	215,000	320,000	850,000
EXPERT SERVICES	3,727,000		558,000	670,000	391,000	283,000	650,000	415,000	760,000
LABOR	1,868,000		546,000	81,000	132,000	93,000	129,000	237,000	650,000
EQUIPMENT	432,000		105,000	57,000	34,000	24,000	29,000	39,000	144,000
OVERHEAD	1,859,000		450,000	290,000	132,000	96,000	124,000	208,000	559,000
ENGINEERING	472,000		134,000	38,000	32,000	20,000	44,000	48,000	156,000
TOTAL	\$ 11,833,000	\$ -	\$ 2,781,000	\$ 1,761,000	\$ 959,000	\$ 755,000	\$ 1,191,000	\$ 1,267,000	\$ 3,119,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	11,833,000		2,781,000	1,761,000	959,000	755,000	1,191,000	1,267,000	3,119,000
	-								
	-								
	-								
TOTAL	\$ 11,833,000	\$ -	\$ 2,781,000	\$ 1,761,000	\$ 959,000	\$ 755,000	\$ 1,191,000	\$ 1,267,000	\$ 3,119,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	1,761,000	401-XXX-XXXX-XXXX-XXXX
TOTAL	\$ 1,761,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

System Improvements

Type of Project Electric		Partnership Project? <input type="text" value="NO"/>	Project # ES130011	
Key # 2	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: <input type="text" value="System Improvements"/>				
PROJECT ADMINISTRATION: <input type="text" value="Energy Services"/>				
PROJECT LOCATION: <input type="text" value="Various locations within the electric utility service area"/>				
PROJECT TIMELINE: <input type="text" value="Annual Investments"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

Capital improvements to the electric utility infrastructure that are essential to community growth, regulatory compliance, and system reliability. These represent new improvements, some of which are required on an annual basis.

PROJECT ASSUMPTIONS

Major system improvement projects are not included in this category of projects; rather major projects are listed separately in the CIP. These projects are not upgrades to existing infrastructure which are included in the Renewals & Replacements project category. These projects are funded both directly from rate revenues and from revenue bonding; no facility fees are used to fund these projects. R/W acquisitions may be required. Some regulatory mandates. WSDOT and other agency permitting may be required.

BENEFITS

Projects necessary to maintain reliable service related to new electrical load, meet regulatory requirements, and maintain / enhance existing levels of electrical system reliability. These projects also result in operational efficiencies and flexibility.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	6,256,000		1,467,000	1,488,000	549,000	283,000	414,000	1,492,000	563,000
EXPERT SERVICES	3,710,000		550,000	813,000	450,000	-	470,000	1,342,000	85,000
LABOR	1,844,000		478,000	203,000	273,000	98,000	170,000	524,000	98,000
EQUIPMENT	654,000		91,000	128,000	101,000	48,000	74,000	171,000	41,000
OVERHEAD	2,591,000		343,000	753,000	282,000	123,000	194,000	703,000	193,000
ENGINEERING	741,000		143,000	112,000	92,000	25,000	71,000	247,000	51,000
TOTAL	\$ 15,796,000	\$ -	\$ 3,072,000	\$ 3,497,000	\$ 1,747,000	\$ 577,000	\$ 1,393,000	\$ 4,479,000	\$ 1,031,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	4,880,000				500,000	577,000	1,313,000	2,000,000	490,000
REVENUE BOND ISSUE (2015)	5,769,000		3,072,000	2,697,000					
REVENUE BOND ISSUE (2018)	1,503,000				1,247,000			256,000	
REVENUE BOND ISSUE (2021)	2,664,000							2,143,000	521,000
ECONOMIC DEV. (LRF)	980,000			800,000			80,000	80,000	20,000
	-								
TOTAL	\$ 15,796,000	\$ -	\$ 3,072,000	\$ 3,497,000	\$ 1,747,000	\$ 577,000	\$ 1,393,000	\$ 4,479,000	\$ 1,031,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	3,497,000	401-XXX-XXXX-XXXX-XXXX
TOTAL	\$ 3,497,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Equipment Storage / Maintenance Repair Shop

Type of Project Electric		Partnership Project? <input type="text" value="NO"/>	Project # ES130012
Key # 2	Goal # 1	Strategic Leadership Plan Project? No	
PROJECT NAME: <input type="text" value="Equipment Storage / Maintenance Repair Shop"/>			
PROJECT ADMINISTRATION: <input type="text" value="Energy Services"/>			
PROJECT LOCATION: <input type="text" value="City Shops"/>			
PROJECT TIMELINE: <input type="text" value="2020"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>			

PROJECT DESCRIPTION

Design and construct a new facility at the City Shops for storing equipment / vehicles, and repairing / maintaining transformers. The facility will also be designed to address oil containment and disposal issues related to EPA's 40 CFR 112. The existing room at the City Shops does not have adequate height for crane operation of transformers and does not have a necessary oil spill containment area. The facility will also be used as a chemical storage area.

PROJECT ASSUMPTIONS

Regulatory requirements for transformer oil will continue to be more restrictive. Aging City transformers will continue to need maintenance performed on an increasing basis. Room is available at the shops to site this facility.

BENEFITS

The maintenance repair shop will allow maintenance to be performed reducing regulatory requirement exposure and associated financial vulnerability. The equipment vehicle storage area will prolong the usable asset life.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	100,000						100,000		
EXPERT SERVICES	500,000						500,000		
LABOR	-								
EQUIPMENT	-								
OVERHEAD	-								
ENGINEERING	36,000						36,000		
TOTAL	\$ 636,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 636,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	-								
REVENUE BOND ISSUE (2018)	636,000						636,000		
	-								
	-								
	-								
TOTAL	\$ 636,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 636,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Major Equipment Purchases

Type of Project Electric		Partnership Project? <input type="checkbox"/> NO	Project # ES160001
Key #	Goal #	Strategic Leadership Plan Project?	
PROJECT NAME: Major Equipment Purchases			
PROJECT ADMINISTRATION: Energy Services			
PROJECT LOCATION: Operations Vehicles			
PROJECT TIMELINE: Various			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO			

PROJECT DESCRIPTION

Replacement of Major Equipment used for Power Operations.
 Replace 3228 vacuum truck in 2018; Replace 3252 and 3253 bucket truck in 2020; Replace 3219 Digger Derrick truck in 2022.

PROJECT ASSUMPTIONS

BENEFITS

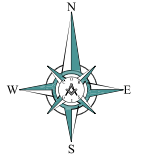
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MATERIAL	-								
EXPERT SERVICES	-								
LABOR	-								
EQUIPMENT	1,010,000				250,000		460,000		300,000
OVERHEAD	-								
ENGINEERING	61,000				15,000		28,000		18,000
TOTAL	\$ 1,071,000	\$ -	\$ -	\$ -	\$ 265,000	\$ -	\$ 488,000	\$ -	\$ 318,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC RATE REVENUE	1,071,000				265,000		488,000		318,000
	-								
	-								
	-								
	-								
TOTAL	\$ 1,071,000	\$ -	\$ -	\$ -	\$ 265,000	\$ -	\$ 488,000	\$ -	\$ 318,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Municipal



Capital Improvement Plan



2017 Municipal Projects

- 1 Animal Control Shelter (TBD)
- 1 Broadband Fund-Leased Extensions (City-Wide)
- 16 Equipment Replacement Program (City-Wide)
- 18 ERP System (Financial System) (City-Wide)





Capital Improvement Plan

2017 thru 2030

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Municipal Projects

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Municipal										
PROJECT COSTS										
Animal Control Shelter	MN130001	0	400,000	1,100,000	0	0	0	0	0	1,500,000
Broadband Fund-Leased Extensions	MN160001	0	0	200,000	0	0	0	0	0	200,000
Broadband Initiative	MN150019	0	100,000	0	0	0	0	0	0	100,000
Equipment Replacement Program	MN140016	945,894	2,958,755	3,671,350	4,297,903	3,198,457	4,410,508	3,442,824	3,021,733	25,947,424
ERP System (Financial System)	MN140018	0	250,000	2,426,000	2,232,750	1,576,838	0	0	0	6,485,588
Fire Station - Badger Mountain South	MN130007	0	0	0	0	0	0	4,530,899	0	4,530,899
Fire Station - Horn Rapids Area	MN130009	0	0	0	0	0	0	5,721,342	0	5,721,342
Fire Station 73 - Replacement Station	MN130005	0	0	0	0	4,000,000	0	0	0	4,000,000
Municipal Total:		945,894	3,708,755	7,397,350	6,530,653	8,775,295	4,410,508	13,695,065	3,021,733	48,485,253
FUNDING SOURCES										
Capital Lease/LT Debt Proceeds		0	0	810,000	0	0	0	0	0	810,000
Criminal Justice Sales Tax		174,000	96,000	69,046	61,817	53,060	54,122	55,204	56,308	619,557
Electric Fund		175,000	334,250	817,180	626,198	883,569	281,377	289,819	298,513	3,705,906
Equipment Maint Fund		12,989	13,639	94,605	74,443	37,007	16,578	17,407	18,277	284,945
Equipment Reserves		(1,116,325)	501,540	1,098,543	1,600,446	324,689	1,341,852	198,301	(413,495)	3,535,551
Facility Fees		0	0	100,000	0	0	0	0	0	100,000
General Fund		544,866	1,262,810	2,877,007	2,049,808	1,179,607	908,117	953,523	1,001,199	10,776,937
Healthcare Benefits Fund		0	0	158,053	16,392	0	0	0	0	174,445
Industrial Development Fund		0	100,000	17,808	5,253	0	0	0	0	123,061
Medical Services Fund		125,000	129,250	178,410	166,338	161,413	151,938	159,535	167,512	1,239,396
Public Works Admin & Eng		10,000	10,500	55,689	80,228	12,271	12,763	13,401	14,071	208,923
Rate Revenue		0	0	100,000	0	0	0	0	0	100,000
Service Agreement Revenue		0	0	0	0	4,000,000	0	0	0	4,000,000
Solid Waste Fund		685,000	745,500	112,655	854,393	912,499	896,525	941,352	988,419	6,136,343
Stormwater Fund		52,368	85,671	107,793	92,218	119,773	91,359	94,099	96,922	740,203
Streets Fund (GF)		90,000	144,500	191,417	205,822	169,781	175,641	184,423	193,644	1,355,228
Unfunded		0	0	0	0	0	0	10,252,241	0	10,252,241
Wastewater Fund		108,570	151,784	288,489	328,269	440,928	270,157	283,665	297,849	2,169,711
Water Fund		84,426	133,311	320,655	369,028	480,698	210,079	252,095	302,514	2,152,806
Municipal Total:		945,894	3,708,755	7,397,350	6,530,653	8,775,295	4,410,508	13,695,065	3,021,733	48,485,253

Animal Control Shelter

Type of Project

Municipal

Partnership Project?

YES

Project #

MN130001

Key #

2

Goal #

1

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Animal Control Shelter

PROJECT ADMINISTRATION: City Administration

PROJECT LOCATION: Pasco

PROJECT TIMELINE: 01/2016 - 12/2019

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

The Tri-Cities Animal Control Authority (Kennewick/Richland/Pasco) was established in 1998. The facilities were built in 1950 and 1975 and are owned by Pasco, however, the three cities participate in the maintenance of the building. In 2009, a study revealed that the facility was in poor condition and potentially too small. In 2010, a recommendation by a subcommittee for a larger footprint was not acted upon. In 2015, the cities hired a consultant to facilitate selection of a facility, scope and operating and funding alternatives meeting the current needs of the parties who wish to participate in a regional Animal Control Facility in Benton and Franklin County area.

PROJECT ASSUMPTIONS

The consultant completed the facilitation with two alternate facility sites in Pasco at approximately 8,000 sqft allowing for growth and potential expansion. Total acreage is up to 5 acres. Construction is estimated at \$4M plus land costs, shared equally among the cities. The 2013 budget included \$100,000 for potential land purchase or for use for a feasibility study. The feasibility study is expected to conclude in 2017 with construction in 2018, if approved.

BENEFITS

An expandable facility could provide increased capacity at a later date and make better use of the footprint. The current cost sharing method (non capital) will be modified to more closely align with usage resulting in cost savings to the City of Richland. Historically Richland has fewer calls for service and animal intakes than the other two cities.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION MANAGEMENT	300,000		300,000						
CONSTRUCTION	1,100,000			1,100,000					
10% CONTINGENCY	-								
OTHER ENG. SERVICES	100,000		100,000						
	-								
TOTAL	\$ 1,500,000	\$ -	\$ 400,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GENERAL FUND	1,500,000		400,000	1,100,000					
	-								
	-								
	-								
TOTAL	\$ 1,500,000	\$ -	\$ 400,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	1,100,000	001-900-0016-510000-6209
TOTAL	\$ 1,100,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Fire Station 73 - Replacement Station

Type of Project

Municipal

Partnership Project?

NO

Project #

MN130005

Key #

2

Goal #

1

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Fire Station 73 - Replacement Station

PROJECT ADMINISTRATION: Fire Services

PROJECT LOCATION: Jadwin Ave near the corner with Stevens Drive

PROJECT TIMELINE: 2018 - 2019

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

This station construction project replaces an existing station. The new station will be constructed at a location that provides for greater emergency response coverage and expanded service areas in North Richland, rather than adjacent to the existing site.

PROJECT ASSUMPTIONS

Because this is a station replacement, no additional staffing or vehicles will be required for this project. The building site will be City owned land, near the corner of Stevens Drive and Jadwin Ave. Construction and other project expenses will be fully funded via service agreements through community-based customers, or other mechanism, at the time the Council determines the project should proceed. The station construction project will utilize the same design-build approach that was utilized in the construction of station 74 in Southwest Richland in 2015.

BENEFITS

The existing station was originally scheduled for replacement in 2004 and has deteriorated due to age, exceeding its practical life cycle. The condition of the station is such that there are concerns that costly core maintenance projects that are more related to health/safety conditions are imminent. Additionally, a move to the new location positions this station for much greater emergency response coverage in the North and West areas of Richland, particularly in conjunction with the coverage benefits provided by Station 74 once the Duportail Bridge opens.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN & ENGINEERING SERVICES	800,000					800,000			
CONSTRUCTION	3,200,000					3,200,000			
	-								
	-								
	-								
TOTAL	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
SERVICE AGREEMENT REVENUE	4,000,000					4,000,000			
	-								
	-								
	-								
TOTAL	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022-2030
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Fire Station - Badger Mountain South

Type of Project Municipal		Partnership Project? <input type="text" value="NO"/>	Project # MN130007
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i>	<input type="text" value="Yes"/>
PROJECT NAME: <input type="text" value="Fire Station - Badger Mountain South"/>			
PROJECT ADMINISTRATION: <input type="text" value="Fire Services"/>			
PROJECT LOCATION: <input type="text" value="Land allocated by the developers near the Dallas Rd entrance to the development, by the Wine Center"/>			
PROJECT TIMELINE: <input type="text" value="01/2021 - 09/2021"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>			

PROJECT DESCRIPTION

Design and construct a new Badger Mountain South Richland Fire Station. This will add a new response station facility, providing emergency medical and fire response capability in this area of the city.

PROJECT ASSUMPTIONS

This project will require the purchase of an engine at \$500 K plus \$70K for equip and med unit at \$200K and \$90K for equip plus incremental increase in O & M for vehicles and facilities. Staffing for the station is not included and may add up to 12 staff for full response operational capabilities. Funding sources for construction, staffing, and other expenses are yet to be determined.

BENEFITS

Improves response times to homes and businesses in this area of the City that is outside the current standards of cover for EMS and Fire/Rescue services, and adds to the depth of response capability overall in the City.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	233,469							233,469	
CONSTRUCTION MANAGEMENT	93,322							93,322	
CONSTRUCTION	3,018,100							3,018,100	
10% CONTINGENCY	278,226							278,226	
FIRE ENGINE & MED UNIT	560,000							560,000	
OTHER ENG. SERVICES	347,782							347,782	
TOTAL	\$ 4,530,899	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,530,899	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
UNFUNDED	4,530,899							4,530,899	
	-								
	-								
	-								
	-								
TOTAL	\$ 4,530,899	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,530,899	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022-2030
STAFFING	22,215,523							1,982,930	20,232,593
DEBT SERVICE	2,749,120							274,912	2,474,208
FACILITIES	160,000							16,000	144,000
ONE-TIME I.T. EQUIPMENT	15,104							15,104	
MAINTENANCE & OPERATIONS	964,242							86,067	878,175
TOTAL	\$ 26,103,989	-	-	\$ -	\$ -	\$ -	\$ -	\$ 2,375,013	\$ 23,728,976

Fire Station - Horn Rapids Area

Type of Project Municipal		Partnership Project? <input type="text" value="NO"/>	Project # MN130009
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i>	<i>Yes</i>
PROJECT NAME: <input type="text" value="Fire Station - Horn Rapids Area"/>			
PROJECT ADMINISTRATION: <input type="text" value="Fire Services"/>			
PROJECT LOCATION: <input type="text" value="Kingsgate and First Avenue"/>			
PROJECT TIMELINE: <input type="text" value="03/2021 - 12/2021"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>			

PROJECT DESCRIPTION

Design and construct a new Northwest Fire Station. This will add a new response station facility, providing emergency medical and fire response capability in this area of the city.

PROJECT ASSUMPTIONS

This project will require the purchase of an engine at \$500K plus \$70K for equip and med unit at \$200K and \$90K for equip plus incremental increase in O & M for vehicles and facilities. Staffing for the station is not included and may add up to 12 staff for full response operational capabilities. Funding sources for construction, staffing, and other expenses are yet to be determined but will likely be through voter approved mechanisms, at the time the Council determines the project should proceed.

BENEFITS

Improves response times to homes and businesses in this area of the City that is outside the current standards of cover for EMS and Fire/Rescue services, and adds to the depth of response capability overall in the City.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	270,654							270,654	
CONSTRUCTION MANAGEMENT	108,185							108,185	
CONSTRUCTION	3,498,806							3,498,806	
10% CONTINGENCY	322,540							322,540	
OTHER ENG. SERVICES	557,982							557,982	
SITE WORK	403,175							403,175	
FIRE ENGINE & MED UNIT	560,000							560,000	
TOTAL	\$ 5,721,342	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,721,342	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
UNFUNDED	5,721,342							5,721,342	
	-								
	-								
	-								
TOTAL	\$ 5,721,342	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,721,342	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
STAFFING	11,792,594							1,179,259	10,613,335
DEBT SERVICE	1,374,560							137,456	1,237,104
FACILITIES	80,000							8,000	72,000
ONE-TIME I.T. EQUIPMENT	17,516							17,516	
MAINTENANCE & OPERATIONS	511,845							51,184	460,661
TOTAL	\$ 13,776,515	-	-	\$ -	\$ -	\$ -	\$ -	\$ 1,393,415	\$ 12,383,100

Equipment Replacement Program

Type of Project Municipal		Partnership Project? NO	Project # MN140016	
Key # 1	Goal # 4	Strategic Leadership Plan Project? No		
PROJECT NAME: Equipment Replacement Program				
PROJECT ADMINISTRATION: Administrative Services				
PROJECT LOCATION: City Sites				
PROJECT TIMELINE: 2017 - 2022				
RESPONSE TO *GMA LEVEL OF SERVICE? NO				

PROJECT DESCRIPTION

The city-wide equipment replacement program is reviewed by the Equipment Replacement Task Team. Year 2017 has been reviewed and recommendations for replacements have been determined as shown.

PROJECT ASSUMPTIONS

BENEFITS

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC FUND	2,478,564	-	464,800	-	715,194	559,210	523,403	172,079	43,878
WATER FUND	1,538,071	32,110	165,700	25,425	506,339	105,539	229,606	273,104	200,248
WASTEWATER FUND	2,189,117	28,749	528,900	-	244,299	280,465	611,614	296,984	198,106
SOLID WASTE FUND	7,230,436	182,620	898,827	1,368,000	1,255,834	625,999	1,054,358	602,407	1,242,391
STORMWATER FUND	509,778	-	-	-	-	-	262,606	247,172	-
AMBULANCE FUND	1,385,868	-	-	260,000	260,000	260,000	55,868	275,000	275,000
PW ADMIN & ENGINEERING	324,624	-	-	-	108,237	-	96,515	84,823	35,049
GENERAL FUND	8,239,427	587,704	751,150	1,794,668	991,540	859,108	1,189,241	1,038,955	1,027,061
STREETS FUND (GF)	1,334,262	16,377	16,378	223,257	48,911	348,702	228,337	452,300	-
EQUIPMENT MAINTENANCE FUND	226,849	-	-	-	167,549	49,300	10,000	-	-
CRIMINAL JUSTICE FUND	490,428	98,334	133,000	-	-	110,134	148,960	-	-
TOTAL	\$ 25,947,424	\$ 945,894	\$ 2,958,755	\$ 3,671,350	\$ 4,297,903	\$ 3,198,457	\$ 4,410,508	\$ 3,442,824	\$ 3,021,733
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
ELECTRIC FUND CONTRIBUTIONS	2,090,616	175,000	250,000	257,500	265,225	273,182	281,377	289,819	298,513
WATER FUND CONTRIBUTIONS	1,392,952	84,426	101,311	121,573	145,888	175,066	210,079	252,095	302,514
WASTEWATER FUND CONTRIBUTIONS	1,659,606	108,570	130,284	156,341	187,609	225,131	270,157	283,665	297,849
SOLID WASTE FUND CONTRIBUTIONS	5,917,555	685,000	739,250	-	813,175	853,834	896,525	941,352	988,419
STORMWATER FUND CONTRIBUTIONS	674,337	52,368	81,171	83,606	86,114	88,698	91,359	94,099	96,922
AMBULANCE FUND CONTRIBUTIONS	1,142,751	125,000	125,000	131,250	137,813	144,703	151,938	159,535	167,512
PW ADMIN & ENG CONTRIBUTIONS	95,491	10,000	10,500	11,025	11,576	12,155	12,763	13,401	14,071
GENERAL FUND CONTRIBUTIONS	6,646,293	544,866	765,560	784,466	823,689	864,873	908,117	953,523	1,001,199
CAPITAL LEASE/LT DEBT PROCEEDS	810,000	-	-	810,000	-	-	-	-	-
STREETS FUND CONTRIBUTIONS	1,266,521	90,000	144,500	151,725	159,311	167,277	175,641	184,423	193,644
EQUIPMENT MAINTENANCE FUND CONTRIB	124,037	12,989	13,639	14,321	15,037	15,789	16,578	17,407	18,277
CRIMINAL JUSTICE SALES TAX CONTRIB	591,714	174,000	96,000	51,000	52,020	53,060	54,122	55,204	56,308
EQUIPMENT RESERVES	3,535,551	(1,116,325)	501,540	1,098,543	1,600,446	324,689	1,341,852	198,301	(413,495)
TOTAL	\$ 25,947,424	\$ 945,894	\$ 2,958,755	\$ 3,671,350	\$ 4,297,903	\$ 3,198,457	\$ 4,410,508	\$ 3,442,824	\$ 3,021,733
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
EQUIPMENT REPLACEMENT - VEHICLES >\$5,000	3,571,385	503-215-0006-594480-6405
EQUIPMENT REPLACEMENT - LEASE PRINCIPAL	79,198	503-215-0007-591180-7501
EQUIPMENT REPLACEMENT - LEASE INTEREST	15,309	503-215-0008-592180-8201
EQUIPMENT REPLACEMENT - INTERFUND PRINCIPAL	5,424	503-215-0007-581100-7901
EQUIPMENT REPLACEMENT - INTERFUND INTEREST	34	503-215-0008-581100-8201
TOTAL	\$ 3,671,350	TOTAL MUST EQUAL PROJECT COSTS FOR 2016 ABOVE

ERP System (Financial System)

Type of Project Municipal		Partnership Project? NO	Project # MN140018	
Key # 1	Goal # 4	Strategic Leadership Plan Project? No		
PROJECT NAME: ERP System (Financial Software replacement)				
PROJECT ADMINISTRATION: City Administration				
PROJECT LOCATION: City Sites				
PROJECT TIMELINE: 2016-2019				
RESPONSE TO *GMA LEVEL OF SERVICE? NO				

PROJECT DESCRIPTION

Beginning in 2010, the City has replaced its technology infrastructure and applications according to a strategic plan and governing committee. As a result, the City has systemically upgraded and/or replaced its systems to keep pace with technology and provide the most cost effective service delivery to our citizens. One of the core systems that needs to be addressed is the financial system, also known as Enterprise Resource Planning (ERP) system.

PROJECT ASSUMPTIONS

Staff augmentation and professional service use for multiple components (Project Management, Configuration, Testing, Implementation). Phased roll out. All components of GEMS completed by end of year two with additional support required in year three for Year End processing (CAFR, W2, etc). Travel for ERP vendor and Project Management vendor. Replacement of Blue Prince, Upgrade of Utility Billing (not complete replacement), Addition of Asset Management software. Cost allocation is based upon original 2016 CIP allocation/calculation percentages that may be subject to revision.

BENEFITS

The City has multiple disparate systems that are aged, do not integrate well, and require duplication of efforts. Data exists across multiple applications requiring multiple points of manual entry. Replacing the current applications that encompass the City's ERP system with a flexible software solution with a well-planned, well-phased implementation will allow the City to reduce manual processes allowing staff to focus on more important processes, to improve integration between systems, to improve reporting, and to provide self-service portals for employees. This will also provide the City the ability to conform to changing regulations and security requirements that are not met by some of the City's current applications.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
HARDWARE	325,000		250,000	75,000					
SOFTWARE LICENSING	1,886,588			840,000	621,750	424,838			
SOFTWARE PROFESSIONAL SERVICES	1,445,000			380,000	500,000	565,000			
SOFTWARE TRAVEL	286,500			117,000	117,000	52,500			
PROJECT MANAGEMENT (PM) PROF SRV	910,000			380,000	380,000	150,000			
PM TRAVEL	97,500			39,000	39,000	19,500			
LABOR AUGMENTATION	975,000			375,000	375,000	225,000			
10% CONTINGENCY	560,000			220,000	200,000	140,000			
TOTAL	\$ 6,485,588	\$ -	\$ 250,000	\$ 2,426,000	\$ 2,232,750	\$ 1,576,838	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GENERAL FUND	2,630,644	-	97,250	992,541	1,226,119	314,734			
STREETS FUNDS	88,707	-	-	39,692	46,511	2,504			
INDUSTRIAL DEVELOPMENT FUND	23,061	-	-	17,808	5,253	-			
CRIMINAL JUSTICE SALES TAX FUND	27,843	-	-	18,046	9,797	-			
ELECTRIC FUND	1,615,290	-	84,250	559,680	360,973	610,387			
WATER FUND	759,854	-	32,000	199,082	223,140	305,632			
WASTEWATER FUND	510,105	-	21,500	132,148	140,660	215,797			
SOLID WASTE FUND	218,788	-	6,250	112,655	41,218	58,665			
STORMWATER FUND	65,866	-	4,500	24,187	6,104	31,075			
MEDICAL SERVICES FUND	96,645	-	4,250	47,160	28,525	16,710			
EQUIPMENT MAINTENANCE FUND	160,908	-	-	80,284	59,406	21,218			
PUBLIC WORKS ADMIN & ENG FUND	113,432	-	-	44,664	68,652	116			
HEALTHCARE BENEFITS FUND	174,445	-	-	158,053	16,392	-			
TOTAL	\$ 6,485,588	\$ -	\$ 250,000	\$ 2,426,000	\$ 2,232,750	\$ 1,576,838	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
SOFTWARE LICENSING	840,000	001-213-0013-518890-3583
OTHER PROFESSIONAL SERVICES	419,000	001-213-0014-518890-4107
CONTRACT LABOR	375,000	001-213-0014-518890-4116
EXPERT SERVICES	717,000	001-213-0014-518890-4117
DP EQUIPMENT	75,000	001-213-0016-518890-6480
TOTAL	\$ 2,426,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Broadband Initiative

Type of Project Municipal		Partnership Project? <input type="checkbox"/> YES	Waterfront Project? <input type="checkbox"/> NO	Project # MN150019
Key # 3	Goal # 4	<i>Strategic Leadership Plan Project?</i> No		
PROJECT NAME: <input type="text" value="Broadband Initiative"/>				
PROJECT ADMINISTRATION: <input type="text" value="City Administration"/>				
PROJECT LOCATION: <input type="text" value="Citywide"/>				
PROJECT TIMELINE: <input type="text" value="2016"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO				

PROJECT DESCRIPTION

In 2015, the City completed the initial replacement of the I-net. In addition to replacement of the I-net for city purposes, the City made a strategic investment in additional capacity for economic development purposes. Furthermore, the City Council approved a dark-fiber model to partner with retail service providers and others to increase availability of high-speed broadband capacity to businesses. In order to continue to grow the expansion and reach additional businesses, it is critical to have up front capital for fiber and conduit builds. The model is for the city to pay 50% of the capital cost and the partnering entity to pay the other 50% and contract with the city for a 3 to 5-year lease agreement to recoup the capital investment and pay for maintenance and operation of the system.

PROJECT ASSUMPTIONS

That access to high-speed broadband continues to be a goal of the City Council.

BENEFITS

Currently, demand outweighs our ability to service all the requests for broadband. A continued investment would allow for additional laterals to be built off the core backbone that has been constructed, allowing for greater access to more small and medium sized businesses.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
EXPANSION OF BROADBAND NETWORK	100,000		100,000						
TOTAL	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
INDUSTRIAL DEVELOPMENT FUND	100,000		100,000						
TOTAL	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Broadband Fund - Leased Fiber Extensions

Type of Project Municipal		Partnership Project? <input type="text" value="NO"/>	Project # MIN160001	
Key # 2	Goal # 1	Strategic Leadership Plan Project? <input type="text" value="Yes"/>		
PROJECT NAME: <input type="text" value="Broadband Fund - Leased Fiber Extensions"/>				
PROJECT ADMINISTRATION: <input type="text" value="City Administration"/>				
PROJECT LOCATION: <input type="text" value="Citywide"/>				
PROJECT TIMELINE: <input type="text" value="Ongoing"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

The City anticipates several new fiber optic connections will be made in 2017.

PROJECT ASSUMPTIONS

These connections are initiated by interested lessees. Lessees pay for 1/2 of the up front costs to extend fiber optic cable to their site. Expected projects included 1) Horn Rapids Business Park - 5 projects x \$10,000 = \$50,000; 2) Horn Rapids Industrial Park - 4 projects x \$25,000 = \$100,000; 3) City of Richland non- Horn Rapids areas - 5 projects x \$10,000 = \$50,000

BENEFITS

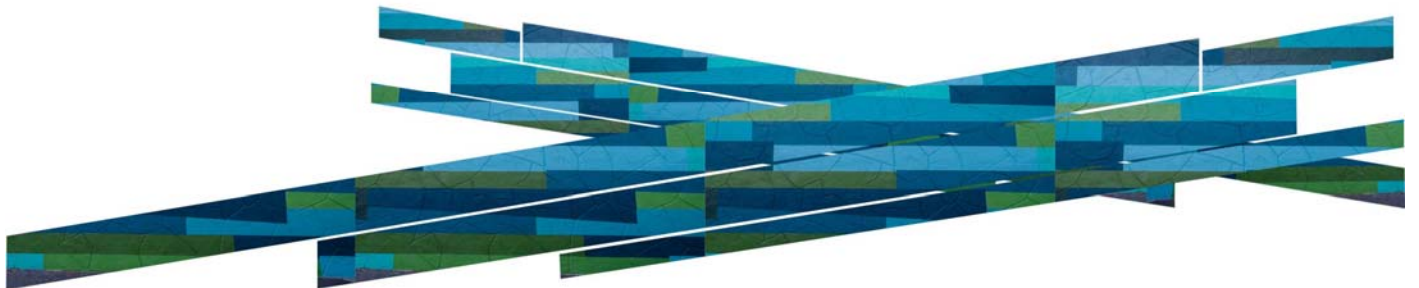
Access to fiber optic infrastructure encourages businesses to site or expand operations in the City of Richland

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
FIBER OPTIC EXTENSIONS	200,000			200,000					
TOTAL	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RATE REVENUE	100,000			100,000					
FACILITY FEES	100,000			100,000					
TOTAL	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

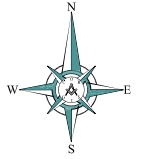
FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM - FIBER SERVICE EDU & MED FACILITY	200,000	408-460-0006-538920-6421
TOTAL	\$ 200,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE



Parks & Public Facilities

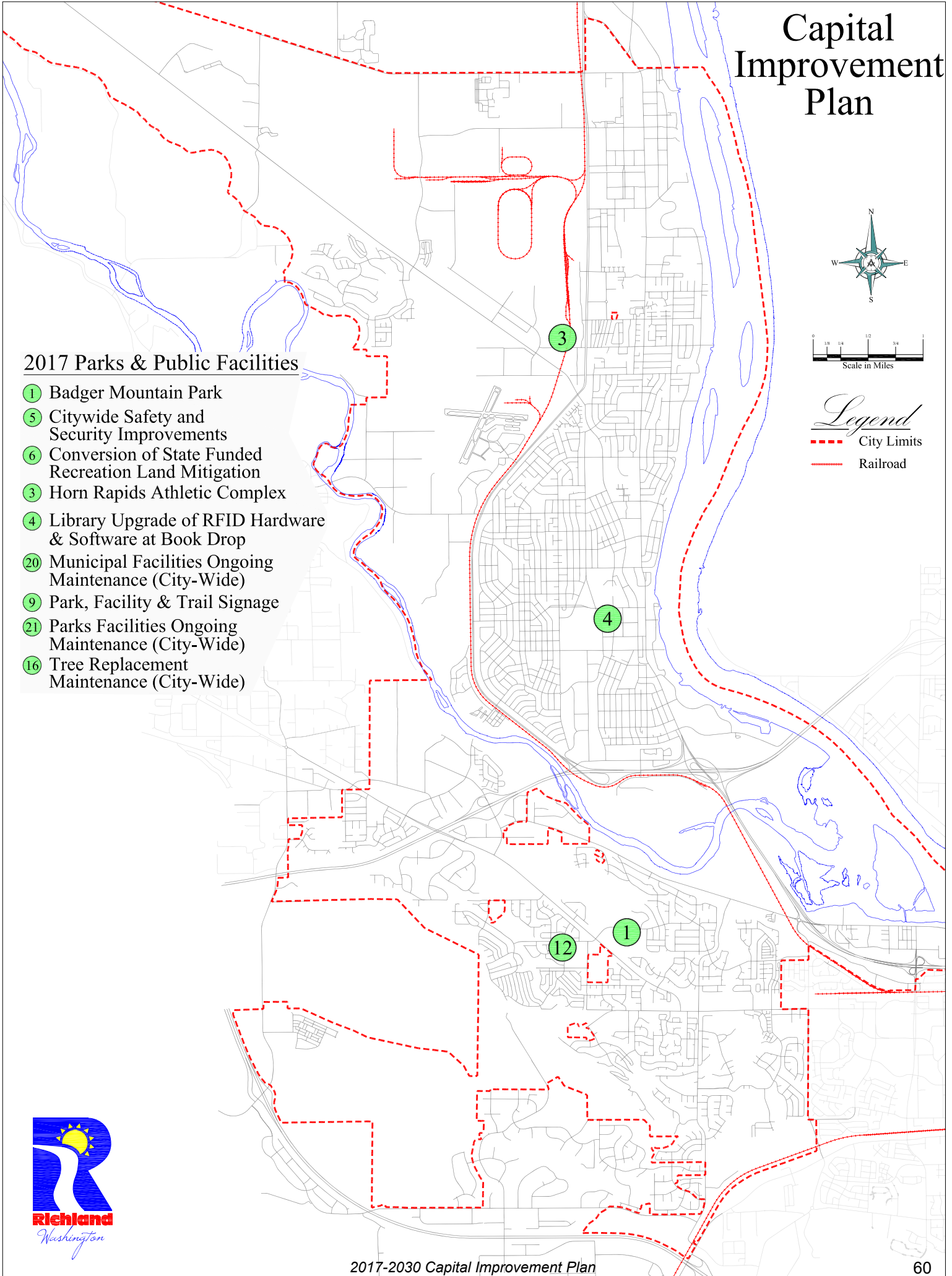


Capital Improvement Plan



2017 Parks & Public Facilities

- ① Badger Mountain Park
- ⑤ Citywide Safety and Security Improvements
- ⑥ Conversion of State Funded Recreation Land Mitigation
- ③ Horn Rapids Athletic Complex
- ④ Library Upgrade of RFID Hardware & Software at Book Drop
- ②① Municipal Facilities Ongoing Maintenance (City-Wide)
- ⑨ Park, Facility & Trail Signage
- ②① Parks Facilities Ongoing Maintenance (City-Wide)
- ①⑥ Tree Replacement Maintenance (City-Wide)





Capital Improvement Plan

2017 thru 2030

9/22/2016 2:33:51 PM
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Parks Projects

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Parks										
PROJECT COSTS										
Badger Mountain Park	PR130001	603,502	135,000	70,000	0	1,500,000	0	0	0	2,308,502
By-Pass Shelterbelt	PR160001	456,458	0	0	0	0	250,000	250,000	250,000	1,206,458
City of Richland Shops Buildings, 100, 200 & 300	PR160002	0	0	0	725,000	0	0	0	0	725,000
Citywide Safety and Security Improvements	PR160005	0	0	91,000	20,000	10,000	10,000	10,000	0	141,000
Conversion of State Funded Recreation Land Mitigation	PR160006	0	0	60,000	0	0	0	0	0	60,000
Craighill Park	PR150019	0	50,000	0	0	0	0	0	0	50,000
Drollinger Park	PR130007	60,000	0	0	60,000	0	0	0	0	120,000
Gala Park	PR130012	295,886	32,500	0	0	70,000	0	0	0	398,386
Hanford Legacy Park	PR130003	247,541	0	0	0	500,000	700,000	500,000	700,000	2,647,541
Horn Rapids Athletic Complex	PR160003	0	0	50,000	150,000	150,000	150,000	150,000	0	650,000
Library Upgrade of RFID Hardware & Software at Book Drop	PR160004	0	0	115,000	0	0	0	0	0	115,000
Municipal Facilities Ongoing Maintenance	PR140020	1,560,499	100,000	270,000	300,000	300,000	300,000	600,000	300,000	3,730,499
Park, Facility & Trail Signage	PR140009	100,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	275,000
Parks Facilities Ongoing Maintenance	PR140021	40,000	100,000	302,000	750,000	750,000	750,000	750,000	750,000	4,192,000
Tree Replacement	PR130016	40,000	20,000	40,000	20,000	20,000	20,000	20,000	0	180,000
West Village Park at Badger Mountain South	PR130005	0	0	0	0	0	0	0	1,600,000	1,600,000
Parks Total:		3,403,886	462,500	1,023,000	2,050,000	3,325,000	2,205,000	2,305,000	3,625,000	18,399,386
FUNDING SOURCES										
CDBG Funds		0	50,000	0	0	0	0	0	0	50,000
Criminal Justice Sales Tax		0	0	91,000	20,000	10,000	10,000	10,000	0	141,000
Donations		43,580	35,000	0	0	0	0	0	0	78,580
Electric Fund		84,250	33,700	14,760	260,725	16,400	16,400	16,400	16,400	459,035
Equipment Maint Fund		0	0	6,921	7,690	7,690	7,690	7,690	7,690	45,371
General Fund		1,633,457	38,900	215,280	521,225	239,200	239,200	239,200	239,200	3,365,662
Grant - RCO		215,676	0	0	0	500,000	500,000	0	1,000,000	2,215,676
Hotel/Motel-Lodging Funds		237,541	0	0	0	500,000	0	500,000	0	1,237,541
Industrial Development Fund		0	0	60,000	0	0	0	0	0	60,000
Library Capital Reserve		0	0	115,000	0	0	0	300,000	0	415,000
LTGO Bond Fund		15,000	0	0	0	0	0	0	0	15,000
Medical Services Fund		0	1,700	0	0	0	0	0	0	1,700
Medical Services Fund		0	0	0	12,325	0	0	0	0	12,325
Park District 1		31,000	0	0	60,000	0	0	0	0	91,000
Parks Reserve Fund		248,246	0	0	0	0	0	0	0	248,246
Parks Reserve Fund (Undesignated)		201,500	20,000	20,000	20,000	20,000	20,000	20,000	20,000	341,500
Parks Reserve-Park District 4		0	0	0	0	0	0	0	1,100,000	1,100,000
Parks Reserve-Park District 5		384,386	132,500	0	0	170,000	0	0	0	686,886
Public Works Admin & Eng		0	0	2,763	3,070	3,070	3,070	3,070	3,070	18,113
REET-RE Excise Tax 1st 1/4%		225,000	125,000	467,000	155,000	155,000	605,000	405,000	455,000	2,592,000
Solid Waste Fund		6,250	2,500	1,782	20,105	1,980	1,980	1,980	1,980	38,557
Stormwater Fund		4,500	1,800	1,080	14,250	1,200	1,200	1,200	1,200	26,430
Streets Fund (GF)		0	0	8,262	9,180	9,180	9,180	9,180	9,180	54,162
Unfunded		0	0	0	770,000	1,670,000	770,000	770,000	750,000	4,730,000
Wastewater Fund		21,500	8,600	8,253	71,520	9,170	9,170	9,170	9,170	146,553
Water Fund		32,000	12,800	10,899	104,910	12,110	12,110	12,110	12,110	209,049
WCIA Insurance Settlement Pmt		20,000	0	0	0	0	0	0	0	20,000
Parks Total:		3,403,886	462,500	1,023,000	2,050,000	3,325,000	2,205,000	2,305,000	3,625,000	18,399,386

Badger Mountain Park

Type of Project

Parks Project

Partnership Project?

YES

Project #

PR130001

Key #

6

Goal #

3

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Badger Mountain Park

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: Badger Mountain Park, south Richland

PROJECT TIMELINE: 2017 - 2019

RESPONSE TO *GMA LEVEL OF SERVICE? YES

PROJECT DESCRIPTION

The existing park includes a zero-depth water spray pad, three multipurpose fields, three tournament quality baseball fields, one practice baseball field, concessions/restroom, one dog park, full court basketball and one play structure. 2017 - complete the remaining 2 acres of the dog park; 2019 - 1) installation of new synthetic turf on Wisner Field, 2) complete construction of parking lot between the dog park & sports fields.

PROJECT ASSUMPTIONS

An RCO grant will be obtained in 2019.

BENEFITS

Completion of the projects will satisfy community need for various amenities. The synthetic turf will provide additional playing capacity on Wisner Field. Doubling the size of the dog park will allow a rotation of the facility to improve conditions and user safety, not dissimilar from a cattle rancher rotating the herd on pasture land.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	2,258,502	603,502	135,000	70,000	-	1,450,000	-	-	-
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
EQUIPMENT	50,000	-	-	-	-	50,000	-	-	-
TOTAL	\$ 2,308,502	\$ 603,502	\$ 135,000	\$ 70,000	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PARK RESERVE FUND	248,246	248,246	-	-	-	-	-	-	-
PARK RESERVE - DISTRICT 5	296,000	96,000	100,000	-	-	100,000	-	-	-
RCO GRANT	715,676	215,676	-	-	-	500,000	-	-	-
UNFUNDED	900,000	-	-	-	-	900,000	-	-	-
DONATIONS	78,580	43,580	35,000	-	-	-	-	-	-
RE EXCISE TAX 1ST 1/4%	70,000	-	-	70,000	-	-	-	-	-
TOTAL	\$ 2,308,502	\$ 603,502	\$ 135,000	\$ 70,000	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
GENERAL FUND	(6,000)	-	-	-	-	-	(2,000)	(2,000)	(2,000)
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
TOTAL	\$ (6,000)	-	-	\$ -	\$ -	\$ -	\$ (2,000)	\$ (2,000)	\$ (2,000)

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	70,000	380-337-0099-596794-6403
TOTAL	\$ 70,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Hanford Legacy Park

Type of Project Parks Project		Partnership Project? <input type="checkbox"/> YES	Project # PR130003
Key # 6	Goal # 3	Strategic Leadership Plan Project? <input type="checkbox"/> No	
PROJECT NAME: Hanford Legacy Park			
PROJECT ADMINISTRATION: Parks & Public Facilities			
PROJECT LOCATION: Hanford Legacy Park, SR-240 west of Kingsgate Drive			
PROJECT TIMELINE: 2019 - 2022			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> YES			

PROJECT DESCRIPTION

The existing park includes four Babe Ruth fields, restroom/concession building and gravel parking lot. 2021 - construct five multi-purpose sport fields and a gravel parking lot, 2023 - the parking lot will be paved, City street constructed and a restroom/concession building completed.

PROJECT ASSUMPTIONS

Grant funding will be secured, the fields will be designated as a home complex for a sports association and additional maintenance staff are added.

BENEFITS

Provide community park amenities to the service area and tournament facilities for tourism.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	2,647,541	247,541	-	-	-	500,000	700,000	500,000	700,000
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 2,647,541	\$ 247,541	\$ -	\$ -	\$ -	\$ 500,000	\$ 700,000	\$ 500,000	\$ 700,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
HOTEL/MOTEL - LODGING TAX FUNDS	1,237,541	237,541	-	-	-	500,000	-	500,000	-
RCO GRANT	1,000,000	-	-	-	-	-	500,000	-	500,000
RE EXCISE TAX 1ST 1/4%	400,000	-	-	-	-	-	200,000	-	-
UNDESIGNATED PARK RESERVE	10,000	10,000	-	-	-	-	-	-	200,000
TOTAL	\$ 2,647,541	\$ 247,541	\$ -	\$ -	\$ -	\$ 500,000	\$ 700,000	\$ 500,000	\$ 700,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
STAFF AND MATERIALS	165,000	-	-	-	-	-	-	80,000	85,000
TOTAL	\$ 165,000	-	-	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 85,000

West Village Park at Badger Mountain South

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR130005

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: West Village Park at Badger Mountain South

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: Badger Mountain South

PROJECT TIMELINE: Development driven

RESPONSE TO *GMA LEVEL OF SERVICE? YES

PROJECT DESCRIPTION

Per the development agreement with the Badger Mt. South developer the first park phase is triggered at the issuance of the 400th building permit and the City has 18 months to complete park improvements associated with the particular phase. There are a total of four phases associated with the park development. 2019 - 2021 - Phase 1, install irrigation and turf on 10 acres of the 30 acre Community Park.

PROJECT ASSUMPTIONS

Home building will occur based on the schedule above. The project is fully funded by neighborhood park impact fees.

BENEFITS

Provide neighborhood and community park amenities to residents in Badger Mountain South.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	1,600,000								1,600,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PARK DISTRICT 4	1,100,000								1,100,000
RCO GRANT	500,000								500,000
	-								
	-								
	-								
TOTAL	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Drollinger Park

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR130007

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: Drollinger Park

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: Tanglewood Subdivision west of SR-240

PROJECT TIMELINE: 2014 - 2018

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

Drollinger Park is 1.5 acres and will provide Neighborhood Park amenities to the residents west of the By-Pass Highway in the Duportail Street area. Currently there are no public park facilities in this service area. 2018 - install playground equipment.

PROJECT ASSUMPTIONS

There will be Park District 3 funds available in 2018 to complete the park.

BENEFITS

Provide Neighborhood Park amenities to the service area west of SR-240 in the Duportail Street vicinity.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	120,000	60,000			60,000				
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 120,000	\$ 60,000	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PARK DISTRICT 1	91,000	31,000			60,000				
UNDESIGNATED PARK RESERVE FUND	29,000	29,000							
	-								
	-								
	-								
TOTAL	\$ 120,000	\$ 60,000	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
PARK MAINTENANCE	51,200			6,500	7,500	9,000	9,200	9,400	9,600
	-								
	-								
	-								
TOTAL	\$ 51,200	-	-	\$ 6,500	\$ 7,500	\$ 9,000	\$ 9,200	\$ 9,400	\$ 9,600

Gala Park

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR130012

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME:

Gala Park

PROJECT ADMINISTRATION:

Parks and Recreation Department

PROJECT LOCATION:

Intersection of Gala Way and Westcliffe Blvd.

PROJECT TIMELINE:

2014-2016

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

The park was acquired in 2012 and contains a playground, trees and turf. 2019 - construct perimeter asphalt trail.

PROJECT ASSUMPTIONS

BENEFITS

Provide Neighborhood Park amenities to the service area neighborhood and adjacent to a new RSD elementary school so that facilities can be shared.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2015	2017	2018	2019	2020	2021	2022
CONSTRUCTION	262,500	160,000	32,500			70,000			
LAND	135,886	135,886							
	-								
	-								
	-								
TOTAL	\$ 398,386	\$ 295,886	\$ 32,500	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PARK DISTRICT 5	390,886	288,386	32,500			70,000			
UNDESIGNATED PARK RESERVE	7,500	7,500							
	-								
	-								
TOTAL	\$ 398,386	\$ 295,886	\$ 32,500	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	1,050							500	550
	-								
	-								
	-								
TOTAL	\$ 1,050	-	-	\$ -	\$ -	\$ -	\$ -	\$ 500	\$ 550

Tree Replacement

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR130016

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: Tree Replacement

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: City-wide but focused in core Richland

PROJECT TIMELINE: 2014 - Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Remove and replace dangerous, diseased and dead trees and proactively plant new, appropriate trees well in advance of removing aging trees to lessen the impact of the loss of large trees.

PROJECT ASSUMPTIONS

Active management of the City's public trees are necessary for aesthetics and, most importantly for public safety.

BENEFITS

Implement a proactive tree replacement plan to maintain a mature tree canopy.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	180,000	40,000	20,000	40,000	20,000	20,000	20,000	20,000	
	-								
	-								
	-								
	-								
TOTAL	\$ 180,000	\$ 40,000	\$ 20,000	\$ 40,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4%	60,000		20,000	40,000					
WCIA INSURANCE SETTLEMENT PAYMENT	20,000	20,000							
GENERAL FUND	20,000	20,000							
UNFUNDED	80,000				20,000	20,000	20,000	20,000	
	-								
	-								
TOTAL	\$ 180,000	\$ 40,000	\$ 20,000	\$ 40,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
INCREASED MAINTENANCE COST	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	40,000	380-337-0004-594524-4936
TOTAL	\$ 40,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Park, Facility & Trail Signage

Type of Project

Parks Project

Partnership Project?

NO

Waterfront Project?

YES

Project #

PR140009

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME:

Park, Facility & Trail Signage

PROJECT ADMINISTRATION:

Parks & Public Facilities

PROJECT LOCATION:

City-wide

PROJECT TIMELINE:

2017 - Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

2017-2022 fabrication and installation of standardized park, facility and trail signage including park and facility monument signs, directional, entry, rule, and other instructional signage.

PROJECT ASSUMPTIONS

BENEFITS

Standardization of city-wide signage.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
FABRICATION AND INSTALLATION	275,000	100,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
	-								
	-								
	-								
TOTAL	\$ 275,000	\$ 100,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
UNDESIGNATED PARK RESERVE FUND	220,000	80,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
RE EXCISE TAX 1ST 1/4%	40,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
LTGO BOND	15,000	15,000							
	-								
	-								
TOTAL	\$ 275,000	\$ 100,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	25,000	380-337-0066-594524-6334
TOTAL	\$ 25,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Municipal Facilities Ongoing Maintenance Program

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR140020

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Municipal Facilities Ongoing Maintenance Program

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: City-wide

PROJECT TIMELINE: 2016 - 2021

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Existing facilities: George Prout Pool, Fire Stations, 1, 2, 3 & 4, Library, Community Center, City Hall & Annex, 703 Building, Police Station and Shops Buildings, 100, 200 & 300 and park buildings such as restroom and shelters. The proposed funding is to provide ongoing preventative maintenance.

PROJECT ASSUMPTIONS

City Hall, Administrative Annex and the Development Services Building are scheduled to be replaced with a new City Hall in 2018.

BENEFITS

Prolong building life expectancy and ensure building and safety of the general fund supported 14 buildings which total over 300,000 square feet.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
FACILITY MAINTENANCE	3,730,499	1,560,499	100,000	270,000	300,000	300,000	300,000	600,000	300,000
	-								
	-								
TOTAL	\$ 3,730,499	\$ 1,560,499	\$ 100,000	\$ 270,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 600,000	\$ 300,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GENERAL FUND	2,862,179	1,411,999	38,900	215,280	239,200	239,200	239,200	239,200	239,200
STREETS FUND	54,162	-	-	8,262	9,180	9,180	9,180	9,180	9,180
ELECTRIC FUND	214,710	84,250	33,700	14,760	16,400	16,400	16,400	16,400	16,400
WATER FUND	116,249	32,000	12,800	10,899	12,110	12,110	12,110	12,110	12,110
WASTEWATER FUND	84,203	21,500	8,600	8,253	9,170	9,170	9,170	9,170	9,170
SOLID WASTE FUND	20,432	6,250	2,500	1,782	1,980	1,980	1,980	1,980	1,980
STORMWATER FUND	13,380	4,500	1,800	1,080	1,200	1,200	1,200	1,200	1,200
MEDICAL SERVICES FUND	1,700	-	1,700	-	-	-	-	-	-
EQUIPMENT MAINTENANCE FUND	45,371	-	-	6,921	7,690	7,690	7,690	7,690	7,690
PUBLIC WORKS ADMIN & ENG FUND	18,113	-	-	2,763	3,070	3,070	3,070	3,070	3,070
LIBRARY CAPITAL RESERVE (GFUND)	300,000	-	-	-	-	-	-	300,000	-
TOTAL	\$ 3,730,499	\$ 1,560,499	\$ 100,000	\$ 270,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 600,000	\$ 300,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	270,000	001-335-0014-571510-4806
TOTAL	\$ 270,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Parks Facilities Ongoing Maintenance Program

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR140021

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Parks Facilities Ongoing Maintenance Program

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: City-wide

PROJECT TIMELINE: 2015 - 2020

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

The ongoing maintenance program is intended to be used for ongoing park maintenance including: ball field turf and fencing replacement, playground safety surfacing replacement, trail and parking lot crack sealing/repairs/overlays, replacing park amenities such as garbage cans, misters, drinking fountains & picnic tables, sport court resurfacing, major irrigation repairs, etc. Specific projects in 2017 are for the three project categories of safety, security and corrective, leaving unfunded the project categories of preventative, efficiency, beautification, and replacement.

PROJECT ASSUMPTIONS

Safety, security and corrective projects are prioritized over preventative, efficiency, beautification, and replacement projects.

BENEFITS

Improve safety, longevity and accessibility of park amenities.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PARKS FACILITIES MAINTENANCE	4,192,000	40,000	100,000	302,000	750,000	750,000	750,000	750,000	750,000
	-								
	-								
	-								
TOTAL	\$ 4,192,000	\$ 40,000	\$ 100,000	\$ 302,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4% UNFUNDED	442,000	40,000	100,000	302,000	750,000	750,000	750,000	750,000	750,000
	3,750,000								
	-								
	-								
TOTAL	\$ 4,192,000	\$ 40,000	\$ 100,000	\$ 302,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	302,000	001-335-0064-576100-4814
TOTAL	\$ 302,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Craighill Park

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR150019

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: Craighill Park

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: Craighill Park is located on Craighill Avenue Between Comstock St. and Benham St.

PROJECT TIMELINE: Spring of 2016

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Craighill park is a 3.41 acre park with playground equipment, 2 unlit baseball/softball fields and room for soccer. There is also off-street parking available. Proposed improvements include the construction of a basketball court in 2016.

PROJECT ASSUMPTIONS

Receipt of CDBG funds.

BENEFITS

Increase park amenities and improve park appearance.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	50,000		50,000						
	-								
	-								
	-								
TOTAL	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CDBG FUNDS	50,000		50,000						
	-								
	-								
	-								
TOTAL	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
INCREASED MAINTENANCE COST	2,150			250	300	350	400	400	450
	-								
	-								
TOTAL	\$ 2,150	-	-	\$ 250	\$ 300	\$ 350	\$ 400	\$ 400	\$ 450

By-Pass Shelterbelt

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR160001

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: By-Pass Shelterbelt

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: By-pass Shelterbelt, Thayer to Van Giesen

PROJECT TIMELINE: 2020 - 2024

RESPONSE TO *GMA LEVEL OF SERVICE? No

PROJECT DESCRIPTION

Provide a well water source for the By-Pass Shelterbelt irrigation system and convert the open ditch irrigation system to an automated underground irrigation system. 2020 - develop well water source; 2021 - install new irrigation system Thayer to Duportail; 2022 - install new irrigation system Duportail to Swift.

PROJECT ASSUMPTIONS

BENEFITS

A well will replace the undependable pump system on the Yakima River and the reliance on City potable water. Replacing the irrigation system will increase water use efficiency and reduce irrigation maintenance costs.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	1,206,458	456,458					250,000	250,000	250,000
	-								
	-								
	-								
TOTAL	\$ 1,206,458	\$ 456,458	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4%	930,000	180,000					250,000	250,000	250,000
GENERAL FUND	201,458	201,458							
UNDESIGNATED PARK RESERVE	75,000	75,000							
	-								
	-								
TOTAL	\$ 1,206,458	\$ 456,458	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
TOTAL	\$ -	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

City of Richland Shops Buildings, 100, 200 & 300

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR160002

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: City of Richland Shops Buildings, 100, 200 & 300

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: 2700 Duportail Street

PROJECT TIMELINE: 2018

RESPONSE TO *GMA LEVEL OF SERVICE? No

PROJECT DESCRIPTION

Replace the roofs on all three City Shops buildings prior to failure.

PROJECT ASSUMPTIONS

The roof systems at the Shops complex are a 15 year design life product. The shops are 23 years old. The roofs are 8 years beyond design life.

BENEFITS

Provide weatherproofing to City facilities.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	725,000				725,000				
	-								
	-								
	-								
TOTAL	\$ 725,000	\$ -	\$ -	\$ -	\$ 725,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GENERAL FUND	282,025				282,025				
ELECTRIC FUND	244,325				244,325				
WATER FUND	92,800				92,800				
WASTEWATER FUND	62,350				62,350				
SOLID WASTE FUND	18,125				18,125				
STORMWATER FUND	13,050				13,050				
AMBULANCE	12,325				12,325				
TOTAL	\$ 725,000	\$ -	\$ -	\$ -	\$ 725,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
TOTAL	\$ -	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Horn Rapids Athletic Complex

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR160003

Key #

6

Goal #

1

Strategic Leadership Plan Project?

No

PROJECT NAME: Horn Rapids Athletic Complex

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: Horn Rapids Athletic Complex

PROJECT TIMELINE: 2017 - 2021

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

2017 - reconstruct infield lips on all four fields, 2018- Replace fencing on Field 1; 2019 - Replace fencing on Field 2; 2020 - replace fencing on field 3; 2021 - replace fencing on field 4.

PROJECT ASSUMPTIONS

The interface between a softball field skinned infield and the grass outfield is called a "lip". Lips require rebuilding occasionally for player safety. The 2017 project will focus on the infield lips.

BENEFITS

This project will improve player safety and park aesthetics.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	650,000			50,000	150,000	150,000	150,000	150,000	
	-								
	-								
	-								
TOTAL	\$ 650,000	\$ -	\$ -	\$ 50,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4%	650,000			50,000	150,000	150,000	150,000	150,000	
	-								
	-								
	-								
TOTAL	\$ 650,000	\$ -	\$ -	\$ 50,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
HORN RAPIDS ATHLETIC COMPLEX	50,000	380-337-0066-596799-6403
TOTAL	\$ 50,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Library Upgrade of RFID Hardware and Software at Book Drop

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR160004

Key #

1

Goal #

4

Strategic Leadership Plan Project?

No

PROJECT NAME: Library Upgrade of RFID Hardware and Software at Book Drop

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: 955 Northgate

PROJECT TIMELINE: 2017

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Install new book drop conveyor equipment, expand conveyor system, purchase eleven new book drop bins, update book return software and construct interior book drop.

PROJECT ASSUMPTIONS

BENEFITS

The book return software and equipment is no longer supported by the equipment provider. Replacing the equipment and software will ensure continuing operation of the book return system.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	50,000			50,000					
PURCHASE EQUIPMENT & SOFTWARE	65,000			65,000					
	-								
	-								
TOTAL	\$ 115,000	\$ -	\$ -	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
LIBRARY BOND RESERVE FUND	115,000			115,000					
	-								
	-								
	-								
TOTAL	\$ 115,000	\$ -	\$ -	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
FURNITURE & FIXTURES > \$5,000	115,000	001-303-0066-572500-6406
TOTAL	\$ 115,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Citywide Safety and Security Improvements

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR160005

Key #

7

Goal #

1

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Citywide Safety and Security Improvements

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: Citywide - various locations

PROJECT TIMELINE: 2017 - 2020

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

2017: emergency "blue" call station on the waterfront (\$7,000), Skatepark security cameras (\$27,000), upgrades to Richland Public Library and Richland Community Center security camera systems (\$22,000) recreational trail markers tied to BCES AutoCAD (\$30,000), various neighborhood electronic speed notification signs (\$10,000). 2018: additional recreational trail markers tied to BCES AutoCAD (\$10,000), and additional annual and ongoing contribution to electronic speed notification signs (\$10,000).

PROJECT ASSUMPTIONS

Use of public safety sales tax revenue for the projects. The project will also require re-evaluation of the City's current traffic speed mitigation criteria and collaboration with qualifying neighborhoods regarding funding and placement of speed notification signs. The traffic speed program is intended to be an ongoing program to contribute to addressing travel speed concerns expressed by residents.

BENEFITS

Provide safety and security upgrades throughout the City.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION EQUIPMENT	141,000			91,000	20,000	10,000	10,000	10,000	
	-								
	-								
	-								
TOTAL	\$ 141,000	\$ -	\$ -	\$ 91,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CRIMINAL JUSTICE SALES TAX	141,000			91,000	20,000	10,000	10,000	10,000	
	-								
	-								
	-								
TOTAL	\$ 141,000	\$ -	\$ -	\$ 91,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	91,000	380-337-0066-594524-6335
TOTAL	\$ 91,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Conversion of State Funded Recreation Land Mitigation

Type of Project

Parks Project

Partnership Project?

Project #

Key #	Goal #
7	1

Strategic Leadership Plan Project?

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

Columbia Point Marina Park was funded using State of Washington Recreation and Conservation Office (RCO) funding. The development of Lulu's restaurant in Columbia Point displaced a portion of the State funded improvements valued at \$60,000. The City's agreement with RCO requires that equal value recreation improvements are made elsewhere in the City and cash reimbursement to the State is not an option per the RCO funding agreement. This project will widen the Columbia Point Marina opening at the Columbia River to accommodate increased usage and larger vessels.

PROJECT ASSUMPTIONS

Permitting can be completed in time for construction in 2017.

BENEFITS

The Columbia Point Marina opening can only accommodate one boat at a time and it presents navigational challenges for larger vessels. A wider entrance/exit to the marina will accommodate increased marine traffic and a desire by larger vessels to use the Columbia Point amenities.

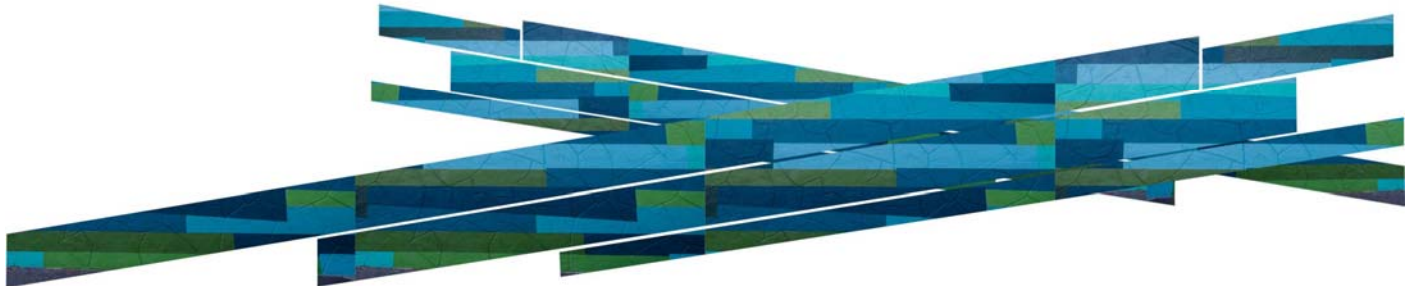
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PERMITTING AND DESIGN	10,000			10,000					
CONSTRUCTION	50,000			50,000					
	-								
	-								
	-								
TOTAL	\$ 60,000	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
INDUSTRIAL DEVELOPMENT FUND	60,000			60,000					
	-								
	-								
	-								
	-								
	\$ 60,000	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

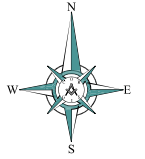
DESCRIPTION	2017	CODING
Marina Improvements	60,000	380-337-0066-596797-6444
TOTAL	\$ 60,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE



Solid Waste



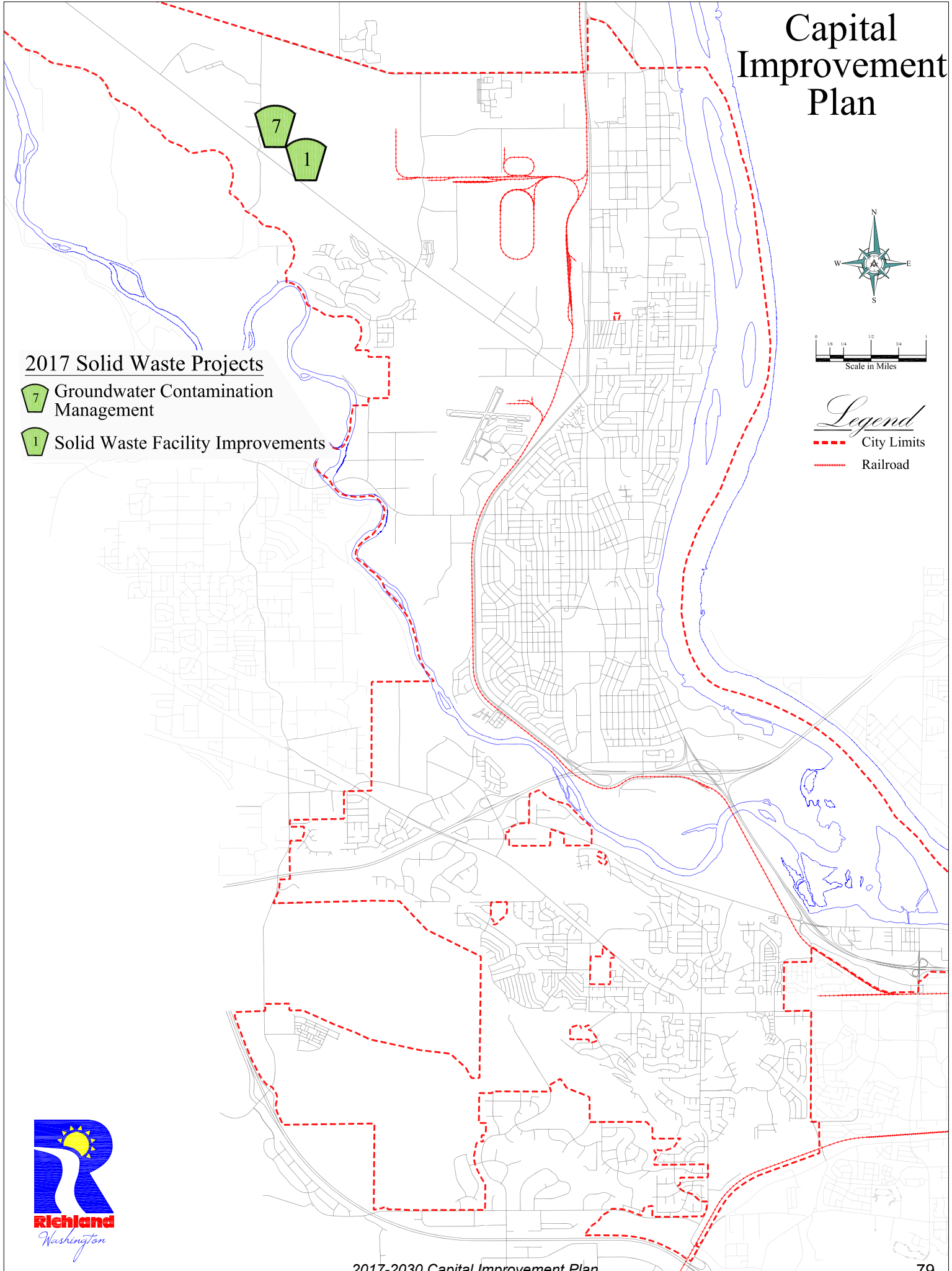
Capital Improvement Plan



- Legend*
- City Limits
 - Railroad

2017 Solid Waste Projects

- 7 Groundwater Contamination Management
- 1 Solid Waste Facility Improvements





Capital Improvement Plan

2017 thru 2030

9/22/2016 2:33:51 PM
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Solid Waste Projects

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Solid Waste										
PROJECT COSTS										
Disposal Capacity Improvements	SW130002	0	143,512	0	1,175,000	6,685,000	0	0	0	8,003,512
Groundwater Contamination Management	SW150007	0	151,479	50,000	0	0	0	0	0	201,479
Landfill Closure, Phase 2	SW130003	0	0	0	0	225,000	3,555,000	0	0	3,780,000
Solid Waste Facility Improvements	SW160001	0	0	165,000	20,000	0	0	0	0	185,000
Solid Waste Total:		0	294,991	215,000	1,195,000	6,910,000	3,555,000	0	0	12,169,991
FUNDING SOURCES										
Bonds - Future Issue		0	0	0	1,175,000	6,685,000	0	0	0	7,860,000
Rate Revenue		0	294,991	215,000	20,000	0	0	0	0	529,991
Solid Waste Fund (Rsv for closure)		0	0	0	0	225,000	3,555,000	0	0	3,780,000
Solid Waste Total:		0	294,991	215,000	1,195,000	6,910,000	3,555,000	0	0	12,169,991

Disposal Capacity Improvements

Type of Project

Solid Waste

Partnership Project?

NO

Project #

SW130002

Key #

5

Goal #

2

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Disposal Capacity Improvements

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Richland Sanitary Landfill

PROJECT TIMELINE: 2016 - 2018

RESPONSE TO *GMA LEVEL OF SERVICE? YES

PROJECT DESCRIPTION

Plan, design and construct facilities needed to provide future solid waste disposal capacity. 2016 work will complete a feasibility study of alternative disposal options, including expanded on-site landfill capacity and hauling to a regional landfill. 2016 - 2017 work will complete engineering design for the selected alternative. 2017 - 2018 work will construct the facilities. Additionally, this work will Master Plan the landfill facility and customer access areas.

PROJECT ASSUMPTIONS

The project construction budget is based on the assumption that the City will build additional landfill capacity at the current site. The project schedule is based on current estimates of remaining on-site landfill capacity. This schedule will be evaluated annually and adjusted accordingly. A revenue bond issue or possibly a low interest loan are planned for financing the construction of the new disposal facilities.

BENEFITS

Provide continued competitive costs for solid waste disposal to Richland citizens and businesses.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	150,000				150,000				
CONSTRUCTION MANAGEMENT	150,000				25,000	125,000			
CONSTRUCTION	7,560,000				1,000,000	6,560,000			
10% CONTINGENCY	-								
OTHER ENG. SERVICES	143,512		143,512						
	-								
TOTAL	\$ 8,003,512	\$ -	\$ 143,512	\$ -	\$ 1,175,000	\$ 6,685,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
SOLID WASTE RATE REVENUE	143,512		143,512						
REVENUE BOND ISSUE	7,860,000				1,175,000	6,685,000			
	-								
	-								
	-								
TOTAL	\$ 8,003,512	\$ -	\$ 143,512	\$ -	\$ 1,175,000	\$ 6,685,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Landfill Closure, Phase 2

Type of Project

Solid Waste

Partnership Project?

NO

Project #

SW130003

Key #

2

Goal #

1

Strategic Leadership Plan Project?

No

PROJECT NAME:

Landfill Closure, Phase 2

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Richland Sanitary Landfill

PROJECT TIMELINE:

2019 - 2020

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Final closure of the east side of the existing permitted landfill will include final grading, installation of an impermeable plastic cover, plumbing for the gas extraction system and a top cover of soil for vegetation.

PROJECT ASSUMPTIONS

Current estimates are that the current landfill will be ready for closure in 2020. Annual capacity evaluations will be used to update this schedule. Funding for this closure phase will be available in a dedicated reserve within the Solid Waste Utility. These reserve funds have been and will continue to be set aside from customer rates.

BENEFITS

Closure will meet regulator requirements.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	225,000					225,000			
CONSTRUCTION MANAGEMENT	225,000						225,000		
CONSTRUCTION	3,025,000						3,025,000		
10% CONTINGENCY	305,000						305,000		
	-								
	-								
TOTAL	\$ 3,780,000	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 3,555,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
SOLID WASTE FUND (RESERVE FOR CLOSURE)	3,780,000					225,000	3,555,000		
	-								
	-								
	-								
	-								
TOTAL	\$ 3,780,000	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 3,555,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Groundwater Contamination Management

Type of Project Solid Waste		Partnership Project? <input type="text" value="NO"/>	Project # SW150007
Key # 2	Goal # 2	Strategic Leadership Plan Project? <input type="text"/>	
PROJECT NAME: <input type="text" value="Groundwater Contamination Management"/>			
PROJECT ADMINISTRATION: <input type="text" value="Public Works Administration and Engineering"/>			
PROJECT LOCATION: <input type="text" value="Horn Rapids Landfill"/>			
PROJECT TIMELINE: <input type="text" value="2016 - 2017"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>			

PROJECT DESCRIPTION

The project will install and begin sampling and laboratory analysis of water samples from a new monitoring well. This is needed to further define and contribute to the analysis and planning for remediation of existing groundwater contamination beneath the landfill per the recently developed Remedial Investigation Work Plan prepared by our consultants.

PROJECT ASSUMPTIONS

This project will lead to further work and costs in coming years as the analysis and remediation requirements of this issue are clarified. The project and future work assumes the availability of funds to support it.

BENEFITS

This work supports good environmental stewardship and regulatory compliance.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	196,479		151,479	45,000					
MONITORING	5,000			5,000					
	-								
	-								
TOTAL	\$ 201,479	\$ -	\$ 151,479	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
SOLID WASTE RATE REVENUE	201,479		151,479	50,000					
	-								
	-								
TOTAL	\$ 201,479	\$ -	\$ 151,479	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	50,000	404-430-0004-594528-4403
TOTAL	\$ 50,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Solid Waste Facility Improvements

Type of Project
Solid Waste

Partnership Project?

Project #
SW160001

Key #	Goal #
2	2

Strategic Leadership Plan Project?	No
------------------------------------	----

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

In 2017 planned improvements include rehabilitation of the metals handling area and paving of the container assembly area. In 2018 the planned improvement is reroofing of the scalehouse building.

PROJECT ASSUMPTIONS

BENEFITS

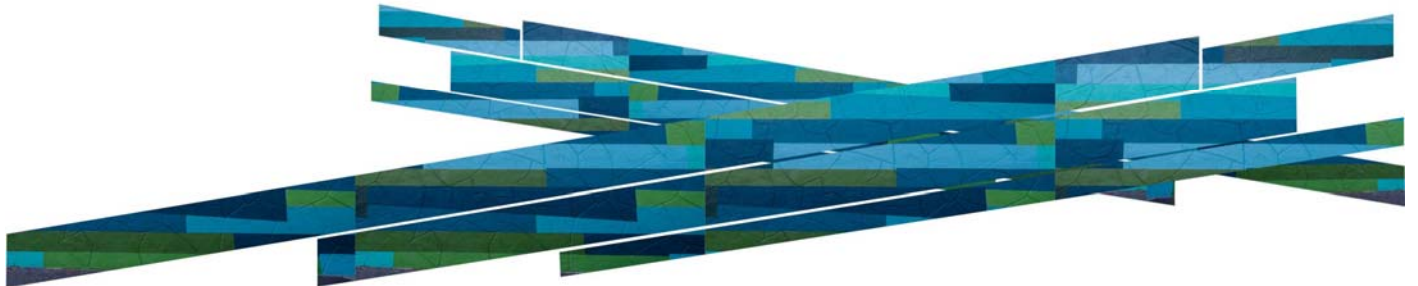
The projects identified will correct facility deficiencies and contribute to improved customer experience and staff efficiency. The metals handling area started as a trial repurposing of a recycling container space at the customer transfer station. The metals handling function began with a shoe-string modification of this area with temporary components. This project will design durable site improvements to service this function into the future. Pavement of the container assembly area will improve efficiency and the condition of new containers before they are deployed for customer use. The Scale House roof requires repairs to extend the building life.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	185,000			165,000	20,000				
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 185,000	\$ -	\$ -	\$ 165,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
SOLID WASTE RATE REVENUE	185,000			165,000	20,000				
	-								
	-								
TOTAL	\$ 185,000	\$ -	\$ -	\$ 165,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

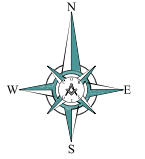
FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	165,000	404-430-0003-594594-3403
TOTAL	\$ 165,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE



Stormwater



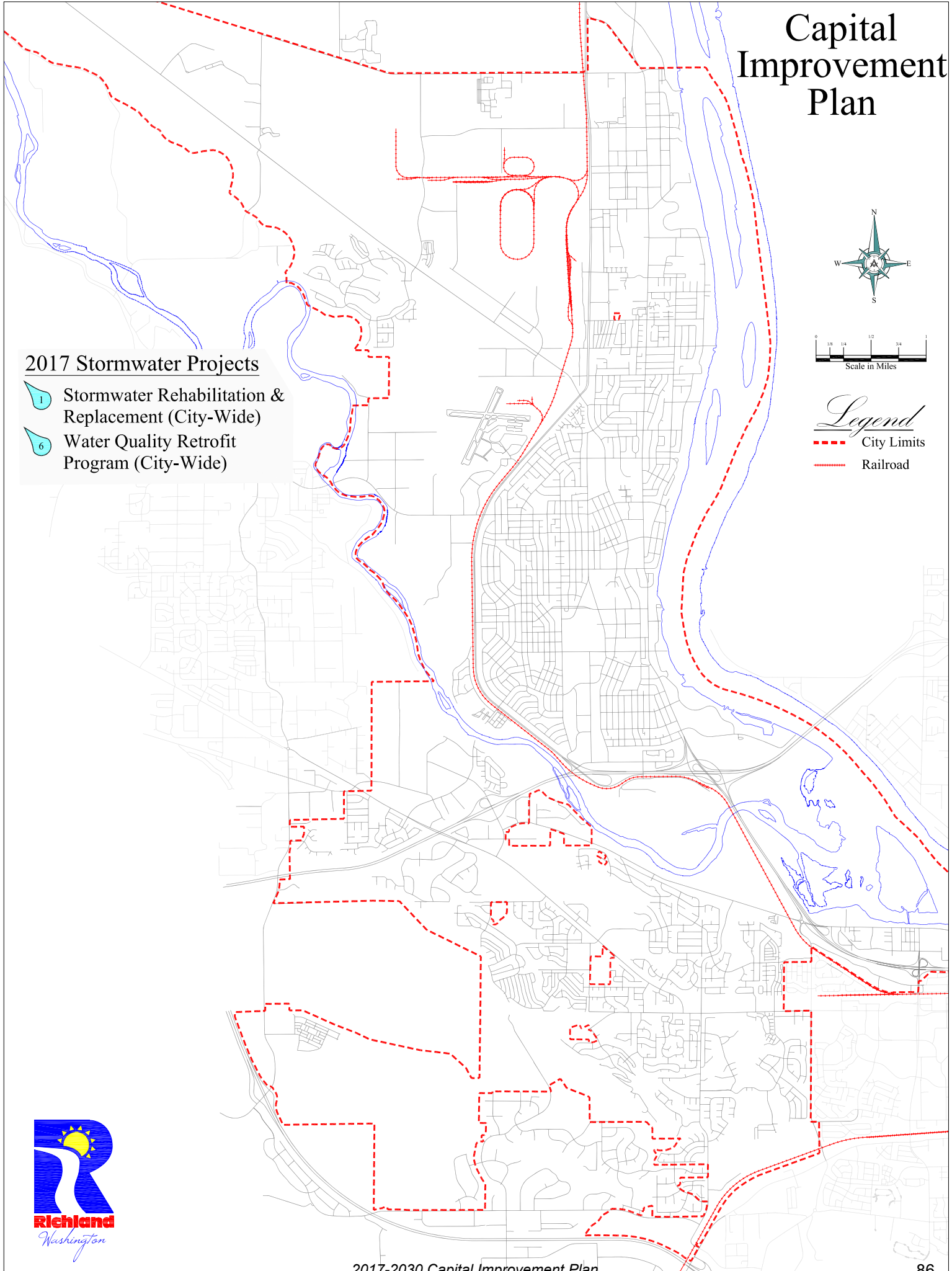
Capital Improvement Plan



Legend
- - - City Limits
- - - - - Railroad

2017 Stormwater Projects

- 1 Stormwater Rehabilitation & Replacement (City-Wide)
- 6 Water Quality Retrofit Program (City-Wide)





Capital Improvement Plan

2017 thru 2030

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Stormwater Projects

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Stormwater										
PROJECT COSTS										
Leslie Road Storm Drain Replacement	ST160001	0	0	0	839,000	0	0	0	0	839,000
Stormwater Rehabilitation & Replacement	ST130001	992,156	147,934	200,000	226,000	240,000	255,000	270,000	285,000	2,616,090
Water Quality Retrofit Program	ST130006	371,530	533,187	154,000	95,000	122,000	158,000	452,000	733,000	2,618,717
Stormwater Total:		1,363,686	681,121	354,000	1,160,000	362,000	413,000	722,000	1,018,000	6,073,807
FUNDING SOURCES										
Grant - WA State Dept of Ecology		371,530	388,187	0	0	0	0	0	0	759,717
Grant Funds (Unsecured)		0	0	115,500	71,250	91,500	118,500	339,000	549,750	1,285,500
Rate Revenue		992,156	292,934	238,500	1,088,750	270,500	294,500	383,000	468,250	4,028,590
Stormwater Total:		1,363,686	681,121	354,000	1,160,000	362,000	413,000	722,000	1,018,000	6,073,807

Stormwater Rehabilitation & Replacement

Type of Project

Stormwater

Partnership Project?

NO

Project #

ST130001

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Stormwater Rehabilitation & Replacement

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Throughout Richland City Limits

PROJECT TIMELINE: Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE? YES

PROJECT DESCRIPTION

Rehabilitation and replacement projects that address system deficiencies and make repairs in areas of street resurfacing. In 2017, planned work includes improvements in the Charbonneau Drive pipe by removing overgrown vegetation from the detention pond and assess system for preferred alternative should flooding persist following maintenance work. Also planned is work at the Columbia Park Trail culvert to install beaver detention and maintenance access.

PROJECT ASSUMPTIONS

The assumption is that rates are generating adequate capital revenue funds.

BENEFITS

This program addresses the ongoing maintenance needs for the stormwater conveyance system.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	2,616,090	992,156	147,934	200,000	226,000	240,000	255,000	270,000	285,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 2,616,090	\$ 992,156	\$ 147,934	\$ 200,000	\$ 226,000	\$ 240,000	\$ 255,000	\$ 270,000	\$ 285,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
STORMWATER RATE REVENUE	2,616,090	992,156	147,934	200,000	226,000	240,000	255,000	270,000	285,000
	-								
	-								
TOTAL	\$ 2,616,090	\$ 992,156	\$ 147,934	\$ 200,000	\$ 226,000	\$ 240,000	\$ 255,000	\$ 270,000	\$ 285,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	169,000	405-440-0004-594530-4403
CAPITAL ITEM	31,000	405-440-0006-594530-6403
TOTAL	\$ 200,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Water Quality Retrofit Program

Type of Project

Stormwater

Partnership Project?

NO

Project #

ST130006

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Water Quality Retrofit Program

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Various Locations

PROJECT TIMELINE: 2014 - 2021

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Construct water quality improvement features on the existing storm drainage system.

PROJECT ASSUMPTIONS

State and federal environmental regulations require the City to implement programs to reduce pollutants in stormwater runoff. While current regulations do not require system retrofits Washington State offers grant programs to make water quality improvements. Staff believes that future regulatory changes will require these type of improvements and believes that developing projects that can compete for State grant funding is in the best interest of Richland residents. This program assumes and will rely heavily on grant funds.

BENEFITS

The completed projects will reduce pollutants in stormwater runoff, thus protecting the water resources in our City.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	120,000	120,000							
CONSTRUCTION MANAGEMENT	60,000	60,000							
CONSTRUCTION	2,382,808	135,621	533,187	154,000	95,000	122,000	158,000	452,000	733,000
10% CONTINGENCY	55,909	55,909							
OTHER ENG. SERVICES	-	-							
TOTAL	\$ 2,618,717	\$ 371,530	\$ 533,187	\$ 154,000	\$ 95,000	\$ 122,000	\$ 158,000	\$ 452,000	\$ 733,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GRANT-WA STATE DEPT OF ECOLOGY	120,000	120,000							
GRANT-WA STATE DEPT OF ECOLOGY	639,717	251,530	388,187						
GRANT - ECOLOGY (UNSECURED)	1,285,500			115,500	71,250	91,500	118,500	339,000	549,750
STORMWATER RATE REVENUE	573,500		145,000	38,500	23,750	30,500	39,500	113,000	183,250
	-								
	-								
TOTAL	\$ 2,618,717	\$ 371,530	\$ 533,187	\$ 154,000	\$ 95,000	\$ 122,000	\$ 158,000	\$ 452,000	\$ 733,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	154,000	405-440-0006-594545-6403
TOTAL	\$ 154,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Leslie Road Storm Drain Replacement

Type of Project

Stormwater

Partnership Project?

NO

Project #

ST160001

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Leslie Road Storm Drain Replacement

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Leslie Road from Gage Blvd. to High Meadows Street

PROJECT TIMELINE: 2018

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

This project will replace an existing pipeline with reduced capacity due to construction debris.

PROJECT ASSUMPTIONS

The project assumes adequate funding and staff time.

BENEFITS

The project will reduce flood risk in the area of Leslie Road and Gage Boulevard.

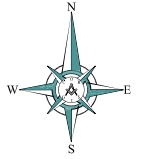
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	20,000				20,000				
CONSTRUCTION MANAGEMENT	20,000				20,000				
CONSTRUCTION	726,364				726,364				
10% CONTINGENCY	72,636				72,636				
OTHER ENG. SERVICES	-								
	-								
TOTAL	\$ 839,000	\$ -	\$ -	\$ -	\$ 839,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
STORMWATER RATE REVENUE	839,000				839,000				
	-								
	-								
	-								
TOTAL	\$ 839,000	\$ -	\$ -	\$ -	\$ 839,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -













Transportation

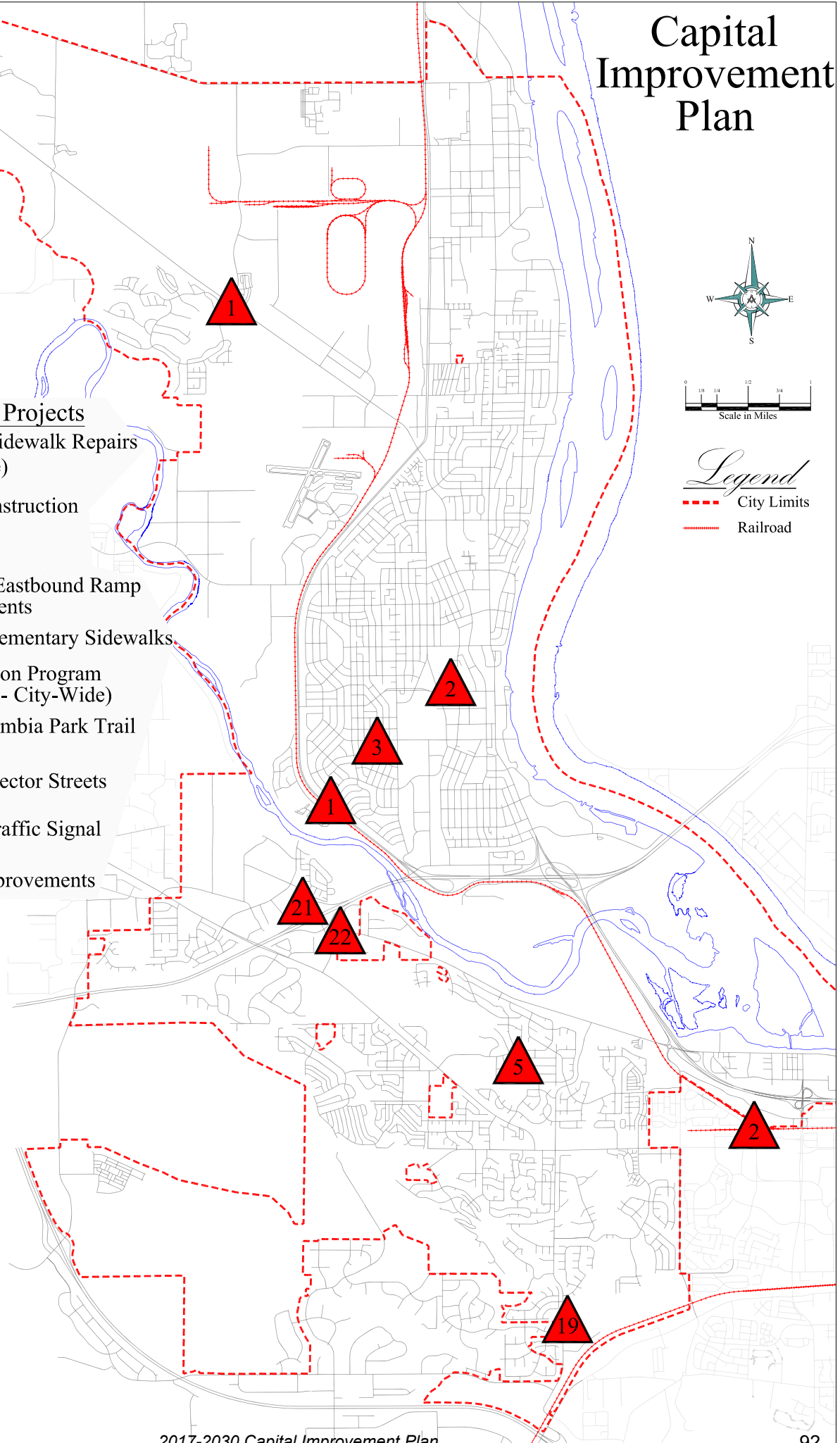


Capital Improvement Plan



2017 Transportation Projects

-  ADA Compliance/Sidewalk Repairs Program (City-Wide)
-  Center Parkway Construction
-  Duportail Bridge
-  I-182 / Queensgate Eastbound Ramp Terminal Improvements
-  Marcus Whitman Elementary Sidewalks
-  Pavement Preservation Program (Street Resurfacing - City-Wide)
-  Queensgate Dr/Columbia Park Trail Improvements
-  South Richland Collector Streets
-  SR240/Kingsgate Traffic Signal
-  Swift Boulevard Improvements





Capital Improvement Plan

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2017 thru 2030

Transportation Projects

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Transportation										
PROJECT COSTS										
ADA Compliance / Sidewalk Repairs Program	TR130004	408,446	238,595	100,000	100,000	100,000	100,000	100,000	100,000	1,247,041
Bellerive Drive Extension	TR150024	0	0	0	0	10,000	10,000	50,000	0	70,000
Center Parkway Construction	TR130002	3,014,754	2,423,454	716,930	0	0	0	0	0	6,155,138
Columbia Park Trail Improvements - East	TR140016	0	0	0	0	0	150,000	1,150,000	0	1,300,000
Duportail Bridge	TR130001	2,485,162	2,026,399	1,150,000	16,800,000	10,300,000	4,700,000	0	0	37,461,561
Gage Boulevard Improvements	TR150023	0	0	0	0	0	0	75,000	750,000	825,000
I-182 / Queensgate Eastbound Ramp Terminal Improvements	TR150021	0	150,000	2,700,000	0	0	0	0	0	2,850,000
Marcus Whitman Elementary Sidewalks	TR160003	0	0	35,000	420,000	0	0	0	0	455,000
Pavement Preservation Program (Street Resurfacing)	TR130003	15,481,794	1,283,156	1,480,000	2,080,000	2,570,000	3,290,000	3,290,000	3,290,000	32,764,950
Queensgate Drive - Phase II	TR150025	0	0	0	0	0	300,000	500,000	2,600,000	3,400,000
Queensgate Drive / Columbia Park Trail Improvements	TR150022	0	0	402,000	1,685,200	0	0	0	0	2,087,200
Queensgate Drive Extension	TR140018	51,150	0	0	0	0	250,000	850,000	0	1,151,150
Rachael Road Extension/Improvements	TR140019	0	150,000	0	0	200,000	300,000	1,700,000	0	2,350,000
South GWW Intersection Improvements	TR130011	104,945	143,284	0	0	751,200	500,000	6,713,345	0	8,212,774
South GWW Pedestrian Overpass and Entry Feature	TR160004	0	0	0	200,000	0	2,400,000	0	0	2,600,000
South Richland Collector Streets	TR160005	0	0	100,000	0	0	0	0	0	100,000
SR 240 / Kingsgate Traffic Signal	TR160001	0	0	535,500	0	0	0	0	0	535,500
Steptoe Street / Taptal Drive Intersection Improvements	TR140017	0	80,000	0	0	0	0	1,380,000	0	1,460,000
Stevens Drive Pathway	TR150026	0	0	0	0	0	70,000	880,000	0	950,000
Swift Boulevard Improvements	TR160002	0	0	1,330,000	0	0	0	0	0	1,330,000
Vantage Highway Pathway - Phase II	TR140020	0	0	0	75,000	595,000	0	0	0	670,000
Vantage Highway Pathway - Phase III	TR150027	0	0	0	0	0	0	50,000	550,000	600,000
Transportation Total:		21,546,251	6,494,888	8,549,430	21,360,200	14,526,200	12,070,000	16,738,345	7,290,000	108,575,314

FUNDING SOURCES

2013 BFCOG STP Funding Dist		227,027	821,080	0	0	0	0	0	0	1,048,107
Benton County Rural Dev Funds (City)		0	0	1,711,696	0	0	1,200,000	0	0	2,911,696
Business License Reserve Fund		0	25,700	25,000	25,000	25,000	25,000	25,000	25,000	175,700
CDBG Funds		252,516	187,999	65,000	65,000	65,000	65,000	65,000	65,000	830,515
City of Kennewick (RR Negotiation)		1,070,278	0	0	0	0	0	0	0	1,070,278
Developer Contribution (ROW)		0	136,000	0	0	0	0	0	0	136,000
Developer Deposits		0	0	242,050	0	0	0	0	0	242,050
Federal Appropriation (2013 Budget)		325,383	0	0	0	0	0	0	0	325,383
Federal Earmark Funding		0	0	2,350,000	0	0	0	0	0	2,350,000
General Fund		1,567,463	368,000	930,000	930,000	930,000	930,000	930,000	930,000	7,515,463
General Fund (in Lieu of PWTF Debt Svc)		102,573	155,319	0	0	0	0	0	0	257,892
General Obligation Bonds (TBD)		0	0	0	0	1,850,000	450,000	0	0	2,300,000
Grant - (Unsecured)		0	0	35,000	420,000	0	0	0	0	455,000
Grant - STP Fund - COG (Unsecured)		0	300,000	600,000	0	0	0	0	0	900,000
Grant - TIB (Unsecured)		0	116,930	116,930	0	0	90,000	690,000	0	1,013,860
Grant Funds (Unsecured)		0	0	0	1,620,254	524,800	89,150	64,875	648,750	2,947,829
HSIP Funds (Secured)		32,436	0	0	0	0	0	0	0	32,436
Impact Fees		51,150	300,000	450,000	0	200,000	460,850	2,550,000	0	4,012,000
Industrial Development Fund		500,000	0	293,450	0	0	0	0	0	793,450
LTGO 98 Fund		715,000	0	0	0	0	0	0	0	715,000
Private Partner		0	40,000	0	0	0	0	0	0	40,000
Public Works Trust Fund Loan		750,000	0	0	0	0	0	0	0	750,000
REET-RE Excise Tax 1st 1/4%		623,359	66,760	10,000	220,250	182,880	150,000	230,125	101,250	1,584,624
REET-RE Excise Tax 2nd 1/4%		3,300,064	450,000	300,000	310,000	310,000	670,000	570,000	310,000	6,220,064
Revitalization Grant City Match		86,500	0	0	0	0	0	0	0	86,500
Sewer Coll Sys Renewal & Replc		0	0	10,152	59,848	0	0	0	0	70,000
Solid Waste Closure & Gen Ob Bonds		0	1,000,000	1,150,000	0	0	0	0	0	2,150,000
STP - Urban Grant		524,990	0	0	0	0	0	0	0	524,990
STP Fund (Secured-COG)		283,098	1,572,902	0	0	0	0	0	0	1,856,000
STP Fund (Unsecured-COG)		0	0	0	0	187,800	125,000	2,159,700	0	2,472,500
STP-UL Funds (Secured)		45,080	41,420	0	0	0	0	0	0	86,500
Street Fund - Fuel Tax		1,726,445	78,156	0	0	0	0	0	0	1,804,601
Street Fund - Utility Charges		2,687,270	0	0	0	0	0	0	0	2,687,270
Street Fund - Utility Occupation Tax		6,129,241	0	0	0	0	0	0	0	6,129,241
Streets M&O Fund		0	537,000	0	0	0	0	0	0	537,000
TAP (UL) Grant (Unsecured)		0	0	0	0	0	0	30,000	550,000	580,000
TIB Grant		346,378	297,622	0	0	0	0	0	0	644,000
TIB Grant (Unsecured)		0	0	0	4,000,000	3,450,720	325,000	4,553,645	0	12,329,365
Transportation Benefit District		0	0	250,000	850,000	575,000	575,000	575,000	575,000	3,400,000
Unfunded		0	0	0	0	775,000	1,865,000	4,295,000	4,085,000	11,020,000
WA DOT Safety Grant		200,000	0	0	0	0	0	0	0	200,000
Washington State Grant		0	0	0	12,800,000	4,200,000	3,000,000	0	0	20,000,000
Water Dist Sys Renewal & Replc		0	0	10,152	59,848	0	0	0	0	70,000
WSDOT Bike/Ped Grant (Unsecured)		0	0	0	0	0	800,000	0	0	800,000
WSDOT SR 240 Project Funds		0	0	0	0	1,250,000	1,250,000	0	0	2,500,000
Transportation Total:		21,546,251	6,494,888	8,549,430	21,360,200	14,526,200	12,070,000	16,738,345	7,290,000	108,575,314

Duportail Bridge

Type of Project Transportation		Partnership Project? <input type="checkbox"/> YES	Project # 1R130001
Key #	Goal #	Strategic Leadership Plan Project?	Yes
2	1		
PROJECT NAME: Duportail Bridge			
PROJECT ADMINISTRATION: Public Works Administration and Engineering			
PROJECT LOCATION: Duportail Street over the Yakima River from SR 240 to Queensgate			
PROJECT TIMELINE: 03/2008 - 2020			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> YES			

PROJECT DESCRIPTION

Construction of a bridge over the Yakima River connecting SR240 at Duportail Street with Queensgate Drive. The bridge will provide four travel lanes along with bicycle lanes and sidewalks on each side. The intersection of Duportail Street and SR240 will be improved with additional lanes and an improved at-grade railroad crossing. Project benefits include better connectivity between core Richland and south Richland for vehicles, bicyclists and pedestrians, improved traffic safety, and improved emergency response. The project will also facilitate replacing a vulnerable water pipeline currently located in the riverbed and subject to flood damage. The project will make improvements to the Yakima River riparian zone by replanting disturbed areas and improving trail conditions.

PROJECT ASSUMPTIONS

Partial funding for this project is available from the Washington State Connecting Washington program, beginning in the second half of 2017. The intersection improvements at SR240 will be funded by WSDOT through the Connecting Washington project to improve SR240 intersections. The City will partner with WSDOT to supplement funding for these improvements if necessary. The project schedule has been built for a late 2017 contract award and mid-2020 completion. The schedule depends on completion of several complex processes, including property acquisitions and environmental permitting, which are project vulnerabilities. The short term debt (\$2,150,000) will need to be refinanced from the municipal bonds issued for this project. Bond proceeds will be required at the beginning of 2019.

BENEFITS

This project is critical to many elements of the City's long term vision. The improved connectivity of the street network provided by this project will enhance economic development, emergency response and preparedness, water supply reliability, travel safety, and quality of life as it relates to bicycle and pedestrian connectivity and protection and access to the Yakima River riparian area.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN & ENVIRONMENTAL REVIEW	4,570,944	2,420,944	1,000,000	1,150,000					
RIGHT OF WAY ACQUISITION	1,040,617	64,218	976,399						
CONSTRUCTION	26,500,000				14,000,000	8,600,000	3,900,000		
10% CONTINGENCY	2,650,000				1,400,000	860,000	390,000		
CONSTRUCTION MANAGEMENT	2,650,000				1,400,000	840,000	410,000		
GRANT APPLICATION PREPARATION	50,000		50,000						
TOTAL	\$ 37,461,561	\$ 2,485,162	\$ 2,026,399	\$ 1,150,000	\$ 16,800,000	\$ 10,300,000	\$ 4,700,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
STP - URBAN GRANT	524,990	524,990							
RE EXCISE TAX 2ND 1/4%	97,000	47,000	50,000						
STREET FUND - FUEL TAX	208,189	208,189							
PUBLIC WORKS TRUST FUND LOAN	750,000	750,000							
GENERAL FUND (IN LIEU OF PWTF DEBT SVC)	257,892	102,573	155,319						
FEDERAL APPROPRIATION (2013 BUDGET)	325,383	325,383							
LTGO 98 FUND	300,000	300,000							
2013 BFCOG STP FUNDING DIST.	1,048,107	227,027	821,080						
WASHINGTON STATE GRANT	20,000,000				12,800,000	4,200,000	3,000,000		
WSDOT SR 240 PROJECT FUNDS	2,500,000					1,250,000	1,250,000		
TRANS IMP. BOARD GRANT (UNSECURED)	7,000,000				4,000,000	3,000,000			
SW CLOSURE LOAN & GEN OB. BONDS (TBD)	4,450,000		1,000,000	1,150,000		1,850,000	450,000		
TOTAL	\$ 37,461,561	\$ 2,485,162	\$ 2,026,399	\$ 1,150,000	\$ 16,800,000	\$ 10,300,000	\$ 4,700,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	1,150,000	301-402-0046-595300-6302
TOTAL	\$ 1,150,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Center Parkway Construction

Type of Project		Partnership Project?	Project #	
Transportation		YES	TR130002	
Key #	Goal #	Strategic Leadership Plan Project?		No
2	1			
PROJECT NAME: Center Parkway Construction				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Center Parkway from Gage Blvd to Tapteal Drive				
PROJECT TIMELINE: 2008 - 2016				
RESPONSE TO *GMA LEVEL OF SERVICE? YES				

PROJECT DESCRIPTION

Construction of a new 3 lane roadway with bike lanes, curb, gutter and sidewalks on both sides of the street from Tapteal Drive to Gage Blvd. Also construction of a signalized/gated at-grade railroad crossing of the Port of Benton railroad track.

PROJECT ASSUMPTIONS

Project completion depends on access to additional grant funding from the Transportation Improvement Board (TIB) and the Benton Franklin Council of Governments (BFCOG). Some TIB funding is available through administrative action. BFCOG funding depends on a distribution of funds in late 2016 or early 2017.

BENEFITS

This roadway will provide improved street connectivity consistent with the Regional Transportation Plan. It will contribute to the City's goals for retail economic development in the Tapteal Business Park and for improved emergency response to the area.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	50,000		50,000						
CONSTRUCTION MANAGEMENT	50,000		50,000						
CONSTRUCTION	2,757,394		2,040,464	716,930					
10% CONTINGENCY	212,353		212,353						
OTHER ENG. SERV (RROAD NEGOTIATIONS)	2,305,391	2,305,391							
OTHER ENG. SERV (ROW ACQUISITION)	780,000	709,363	70,637						
TOTAL	\$ 6,155,138	\$ 3,014,754	\$2,423,454	\$ 716,930	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
REVITALIZATION GRANT CITY MATCH	86,500	86,500							
STREET FUND-FUEL TAX	13,500	13,500							
INDUSTRIAL DEVELOPMENT FUND	500,000	500,000							
CITY OF KENNEWICK (RR NEGOTIATION)	1,070,278	1,070,278							
LTGO 98 FUND	415,000	415,000							
RE EXCISE TAX 1ST 1/4%	5,000	5,000							
RE EXCISE TAX 2ND 1/4%	295,000	295,000							
TIB GRANT	644,000	346,378	297,622						
DEVELOPER CONTRIBUTION (ROW)	136,000	-	136,000						
STP FUND (SECURED-COG)	1,856,000	283,098	1,572,902						
TIB GRANT (UNSECURED)	233,860		116,930	116,930					
STP FUND (UNSECURED-COG)	900,000		300,000	600,000					
TOTAL	\$ 6,155,138	\$ 3,014,754	\$2,423,454	\$ 716,930	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	716,930	301-402-0046-595300-6369
TOTAL	\$ 716,930	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Pavement Preservation Program

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Project # TR130003
Key # 2	Goal # 2	Strategic Leadership Plan Project? No	
PROJECT NAME: <input type="text" value="Pavement Preservation Program"/>			
PROJECT ADMINISTRATION: <input type="text" value="Public Works Administration and Engineering"/>			
PROJECT LOCATION: <input type="text" value="City-wide"/>			
PROJECT TIMELINE: <input type="text" value="Ongoing"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="YES"/>			

PROJECT DESCRIPTION

Resurfacing, associated drainage and pedestrian facility repairs to arterial and local streets.

PROJECT ASSUMPTIONS

This project is partially funded by an allocation from the General Fund, which is subject to competing demands. The current level of funding has been shown to be inadequate to sustain the street infrastructure in an acceptable condition. The program assumes retention of the current General Fund amount and an infusion of new revenues to meet a staff-recommended street condition standard. The funding sources include a Transportation Benefit District funded by vehicle registration fees and several other sources under consideration. Allocation of a portion of TBD funding to Duportail Bridge debt service would begin in 2019. The amount of this debt service may change as the Duportail Bridge funding requirements are clarified. The timeline for full program funding is uncertain as consideration of alternative funding sources is ongoing. This sheet shows reaching staff-recommended levels in 2020. This program is presently and planned to be implemented partially by City forces. The increased program will likely involve additional City staffing.

BENEFITS

This program preserves a vital element of the City's infrastructure, valued at more than \$200 million.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	32,764,950	15,481,794	1,283,156	1,480,000	2,080,000	2,570,000	3,290,000	3,290,000	3,290,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 32,764,950	\$15,481,794	\$1,283,156	\$ 1,480,000	\$2,080,000	\$ 2,570,000	\$ 3,290,000	\$ 3,290,000	\$ 3,290,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
STREET FUND-FUEL TAX	1,582,912	1,504,756	78,156						
STREET FUND-UTILITY CHARGES	2,687,270	2,687,270							
STREET FUND- UTILITY OCCUPATION TAX	6,129,241	6,129,241							
GENERAL FUND	7,515,463	1,567,463	368,000	930,000	930,000	930,000	930,000	930,000	930,000
WA DOT SAFETY GRANT	200,000	200,000							
RE EXCISE TAX 1ST 1/4%	435,000	435,000							
RE EXCISE TAX 2ND 1/4%	5,058,064	2,958,064	300,000	300,000	300,000	300,000	300,000	300,000	300,000
STREETS M&O FUND	537,000		537,000						
TRANSPORTATION BENEFIT DISTRICT	3,400,000			250,000	850,000	575,000	575,000	575,000	575,000
UNFUNDED	5,220,000					765,000	1,485,000	1,485,000	1,485,000
TOTAL	\$ 32,764,950	\$15,481,794	\$1,283,156	\$ 1,480,000	\$2,080,000	\$ 2,570,000	\$ 3,290,000	\$ 3,290,000	\$ 3,290,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	1,480,000	301-402-0046-595300-6362
TOTAL	\$ 1,480,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

ADA Compliance / Sidewalk Repair Program

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Project # TR130004
Key # 2	Goal # 2	Strategic Leadership Plan Project? No	
PROJECT NAME: ADA Compliance / Sidewalk Repair Program			
PROJECT ADMINISTRATION: Public Works Administration and Engineering			
PROJECT LOCATION: City-wide			
PROJECT TIMELINE: <input type="text" value="Ongoing"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="YES"/>			

PROJECT DESCRIPTION

In 2015 the City is working to complete an ADA Transition plan to identify systematic replacement of non-ADA compliant intersection pedestrian ramps. This program will repair and/or replace handicap ramps, install Accessible Pedestrian Signal systems at signalized intersections, and eliminate barriers to pedestrian mobility. The program is key to the City's strategy to comply with the Americans with Disabilities Act by addressing pre-existing facilities that do not comply with current design standards.

PROJECT ASSUMPTIONS

Either through original construction or wear and tear there are many locations in the City that present barriers to pedestrian use, especially for residents with limited physical capabilities. This project assumes that the City will complete and adopt an ADA Transition Plan that sets priorities for correcting these conditions. It further assumes that funding remains available to dedicate to this use.

BENEFITS

The program will result in improved pedestrian safety and mobility as current obstacles to pedestrian travel are removed. The program will secure compliance with ADA requirements.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	1,247,041	408,446	238,595	100,000	100,000	100,000	100,000	100,000	100,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 1,247,041	\$ 408,446	\$ 238,595	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4%	190,826	155,930	24,896	10,000					
RE EXCISE TAX 2ND 1/4%	50,000				10,000	10,000	10,000	10,000	10,000
CDBG FUNDS	830,515	252,516	187,999	65,000	65,000	65,000	65,000	65,000	65,000
BUSINESS LICENSE RESERVE	175,700		25,700	25,000	25,000	25,000	25,000	25,000	25,000
	-								
	-								
TOTAL	\$ 1,247,041	\$ 408,446	\$ 238,595	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	100,000	301-402-0046-595610-6391
TOTAL	\$ 100,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

South GWW Intersection Improvements

Type of Project		Partnership Project?	Project #	
Transportation		NO	TR130011	
Key #	Goal #	Strategic Leadership Plan Project?		No
2	1			
PROJECT NAME: South GWW Intersection Improvements				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: George Washington Way from I-182 to Comstock				
PROJECT TIMELINE: 2013 - 2020				
RESPONSE TO *GMA LEVEL OF SERVICE? YES				

PROJECT DESCRIPTION

Upgrade and reconfigure the intersection of George Washington Way & Columbia Point Dr. / Adams St. to improve intersection capacity and safety. The specific design features will be determined by City Council after the several alternative designs are fully developed and analyzed.

PROJECT ASSUMPTIONS

The project will require substantial grant funding that is at present unsecured. The project will require acquisition of private property rights for street right of way. The project will also require formal approval by WSDOT after selection and further refinement of the selected design concept. Advancing the project will require Council to select a design concept. The project assumes that pedestrian overpass is completed as a separate project with separate funding.

BENEFITS

This project will improve safety, capacity and mobility along this high volume portion of George Washington Way. Since this is the most congested and most highly travelled street in Richland, and because it connects to the downtown and waterfront development areas this project can contribute mightily to the City's future improvement.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	999,429	104,945	143,284			751,200			
CONSTRUCTION MANAGEMENT	250,800							250,800	
CONSTRUCTION	5,700,000							5,700,000	
10% CONTINGENCY	762,545							762,545	
OTHER ENG. SRCES (ROW ACQUISITION)	500,000						500,000		
	-								
TOTAL	\$ 8,212,774	\$ 104,945	\$ 143,284	\$ -	\$ -	\$ 751,200	\$ 500,000	\$ 6,713,345	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
HSIP FUNDS (SECURED)	32,436	32,436							
STP-UL FUNDS (SECURED)	86,500	45,080	41,420						
RE EXCISE TAX 1ST 1/4%	141,973	27,429	1,864			112,680			
RE EXCISE TAX 2ND 1/4%	400,000		100,000				300,000		
TIB GRANT (UNSECURED)	5,079,365					450,720	75,000	4,553,645	
STP FUNDS (UNSECURED - COG)	2,472,500					187,800	125,000	2,159,700	
	-								
TOTAL	\$ 8,212,774	\$ 104,945	\$ 143,284	\$ -	\$ -	\$ 751,200	\$ 500,000	\$ 6,713,345	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Columbia Park Trail Improvements - East

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Project # TR140016	
Key # 2	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: Columbia Park Trail Improvements - East				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Benton-Franklin Transit office to East City Limits				
PROJECT TIMELINE: 2015 - 2018				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

Reconstruct the street to provide 3 lanes with curb, gutter, sidewalks, bike lanes, street lights, storm drainage facilities and streetscape on both sides.

PROJECT ASSUMPTIONS

The project will require grant funds. The project presents an opportunity to leverage a stormwater water quality treatment retrofit project and grant funding with the street improvement project. Both the street improvements and stormwater treatment features will require grant funds. The project design is not complete at this time and development of the design concept could introduce scope, schedule, and cost changes. It is anticipated that a public involvement process in the design development will be advanced as the project rises in the overall transportation priority.

BENEFITS

The project will support the redevelopment of the Island View area by introducing a high quality transportation facility with elements to support pedestrian, bicycle, and vehicular traffic, as well as streetscape features to enhance the character of the area.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	150,000						150,000		
CONSTRUCTION MANAGEMENT	50,000							50,000	
CONSTRUCTION	1,000,000							1,000,000	
10% CONTINGENCY	100,000							100,000	
OTHER ENG. SRCES	-								
TOTAL	\$ 1,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,150,000	\$ -
	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GRANT FUNDS (UNSECURED - TIB)	780,000						90,000	690,000	
RE EXCISE TAX 1ST 1/4%	200,000							200,000	
RE EXCISE TAX 2ND 1/4%	320,000						60,000	260,000	
GRANT FUNDS (UNSECURED - ECOLOGY)	-								
TOTAL	\$ 1,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,150,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Step toe Street / Tap teal Drive Intersection Improvements

Type of Project: Partnership Project? Project #

Key #	Goal #	Strategic Leadership Plan Project?	No
2	1		

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

Realign Tap teal Drive and Step toe Street intersection by constructing a new intersection. Also includes sidewalks, street lights, storm drainage and a fully signalized and gated at-grade railroad crossing.

PROJECT ASSUMPTIONS

This project will advance as the demand for commercial development in the Tap teal Business Park dictates. The current retail construction environment is far better than in recent years, so preparation of this area for development is timely. The 2016 pre-design study is needed to resolve concerns regarding the interaction between the at-grade railroad crossing and the desired improvements to the street intersection. Preliminary consultations with the three railroads suggest that the study will yield an acceptable solution, but the outcome of formal processes to secure railroad approval are uncertain.

BENEFITS

The project would enhance transportation efficiency to the Tap teal Business Park, facilitating highest and best use development of this property. Such development would improve the City's financial standing by increasing revenues generated by business.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PRE-DESIGN STUDY	80,000		80,000						
DESIGN	50,000							50,000	
CONSTRUCTION MANAGEMENT	50,000							50,000	
CONSTRUCTION	1,118,182							1,118,182	
10% CONTINGENCY	111,818							111,818	
OTHER ENG. SRCES (ROW ACQUISITION)	50,000							50,000	
	-								
TOTAL	\$ 1,460,000	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 1,380,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
UNFUNDED	1,380,000							1,380,000	
RE EXCISE TAX 1ST 1/4%	40,000		40,000						
PRIVATE PARTNER	40,000		40,000						
	-								
	-								
TOTAL	\$ 1,460,000	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 1,380,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Queensgate Drive Extension

Type of Project		Partnership Project?	Project #	
Transportation		NO	TR140018	
Key #	Goal #	Strategic Leadership Plan Project?		No
2	1			
PROJECT NAME: Queensgate Drive Extension				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Queensgate Drive from Shockley Road to Keene Road				
PROJECT TIMELINE: 2017 - 2018				
RESPONSE TO *GMA LEVEL OF SERVICE? NO				

PROJECT DESCRIPTION

Construct a two-lane street with curb, gutter, sidewalk, street lights and storm drainage facilities on both sides. Modify the Keene / Queensgate traffic signal as needed.

PROJECT ASSUMPTIONS

This project is the highest priority element of the South Richland collector street system remaining to be completed and, as such, will be the first one to be constructed as funds are accumulated in this fund. According to the south Richland collector street program the preferred method of implementing the project would be for the property owner to complete the project as part of a development program. The City will complete the project only if it appears there is no action by the property owner to do so and if adequate funding has accumulated.

BENEFITS

This project will provide another collector street link for the growing area south of Keene Road. As such, it will help distribute trips more efficiently.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	150,000						150,000		
CONSTRUCTION MANAGEMENT	48,850							48,850	
CONSTRUCTION	728,318							728,318	
10% CONTINGENCY	72,832							72,832	
OTHER ENG. SRCES (ROW ACQUISITION)	100,000						100,000		
OTHER ENG. SRCES (STUDY)	51,150	51,150							
TOTAL	\$ 1,151,150	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 850,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2015	2017	2018	2019	2020	2021	2022
TRAFFIC IMPACT FEES	1,062,000	51,150					160,850	850,000	
GRANT FUNDS (UNSECURED)	89,150						89,150		
	-								
	-								
	-								
TOTAL	\$ 1,151,150	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 850,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Rachel Road Extension/Improvements

Type of Project		Partnership Project?	Project #	
Transportation		NO	TR140019	
Key #	Goal #	Strategic Leadership Plan Project?		No
2	1			
PROJECT NAME: Rachel Road Extension/Improvements				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Rachel Road from Leslie Road to Steptoe Street				
PROJECT TIMELINE: 2018 - 2020				
RESPONSE TO *GMA LEVEL OF SERVICE? NO				

PROJECT DESCRIPTION

Construct a two-lane collector road with pedestrian and bicycle facilities on both sides of the street. Left turn lanes will be constructed where needed. The first work item to occur will be an alignment study to evaluate alternative alignments along with a no-build alternative. This study was initiated in mid-2016, with results anticipated in the first quarter of 2017.

PROJECT ASSUMPTIONS

A major segment of this street will be constructed as part of the Clearwater Creek subdivision. The remaining segment, crossing the Amon Basin Nature Preserve, may be constructed as a City project or as part of a development. The City Council will select a preferred alignment at the conclusion of an alignment study that includes public input. The study is expected to be completed in the first quarter of 2017. If implemented by the City the schedule for construction will depend on funding availability.

BENEFITS

Completion of this road will improve connectivity, trip distribution, and safety of the area street network.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	200,000					200,000			
CONSTRUCTION MANAGEMENT	100,000							100,000	
CONSTRUCTION	1,454,545							1,454,545	
10% CONTINGENCY	145,455							145,455	
OTHER ENG. SRCES (ROW ACQUISITION)	300,000						300,000		
OTHER ENG. SRCES (STUDY)	150,000		150,000						
TOTAL	\$ 2,350,000	\$ -	\$ 150,000	\$ -	\$ -	\$ 200,000	\$ 300,000	\$ 1,700,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
TRAFFIC IMPACT FEES	2,350,000		150,000			200,000	300,000	1,700,000	
	-								
	-								
TOTAL	\$ 2,350,000	\$ -	\$ 150,000	\$ -	\$ -	\$ 200,000	\$ 300,000	\$ 1,700,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Vantage Highway Pathway - Phase II

Type of Project: Partnership Project? Project #

Key #	Goal #	Strategic Leadership Plan Project?	No
2	1		

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

Construct a 12' asphalt multi-use pathway on the north side of SR-240. The alignment will depart from SR240 at Robertson and be along Snyder Street to its connection with Stevens Drive. This will involve an undercrossing of the Port of Benton railroad tracks.

PROJECT ASSUMPTIONS

The project will require acquisition of grant funds, most likely from the Washington State Department of Transportation or the Benton Franklin Council of Governments. The project will cross the Port of Benton railroad tracks and, thus, require agreement from the Port and Tri-City Railroad for the crossing, which is anticipated to be grade-separated.

BENEFITS

This project will provide improved connectivity and safety for bicycle users and pedestrians.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	50,000				50,000				
CONSTRUCTION MANAGEMENT	20,000					20,000			
CONSTRUCTION	522,727					522,727			
10% CONTINGENCY	52,273					52,273			
OTHER ENG. SRCES (ROW ACQUISITION)	25,000				25,000				
	-								
TOTAL	\$ 670,000	\$ -	\$ -	\$ -	\$ 75,000	\$ 595,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GRANT FUNDS (UNSECURED)	579,550				54,750	524,800			
RE EXCISE TAX 1ST 1/4%	90,450				20,250	70,200			
	-								
	-								
	-								
	-								
TOTAL	\$ 670,000	\$ -	\$ -	\$ -	\$ 75,000	\$ 595,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

I-182 / Queensgate Eastbound Ramp Terminal Improvements

Type of Project Transportation		Partnership Project? <input type="checkbox"/> YES	Waterfront Project? <input type="checkbox"/> No	Project # 1R150021
Key # 2	Goal # 1	Strategic Leadership Plan Project? <input type="checkbox"/>	No <input type="checkbox"/>	
PROJECT NAME:	I-182 / Queensgate Eastbound Ramp Terminal Improvements			
PROJECT ADMINISTRATION:	Public Works Administration and Engineering			
PROJECT LOCATION:	Queensgate Drive from Columbia Park Trail to the I-182 Bridge			
PROJECT TIMELINE:	2017-2018			
RESPONSE TO *GMA LEVEL OF SERVICE?	<input type="checkbox"/> YES			

PROJECT DESCRIPTION

Reconstruct the signalized I-182 eastbound ramp terminals by constructing a roundabout and adding a lane to the eastbound on-ramp.

PROJECT ASSUMPTIONS

The project will be implemented by WSDOT through a funding agreement with the City. Completion schedule and final design will be by WSDOT. The design concept is preliminary and both design elements and final costs are subject to change as design develops. The project will incorporate the final segment of the Queensgate Pathway connecting Keene Road to the I-182 Pathway.

BENEFITS

The project will be implemented to reduce congestion near the interchange and improve bicycle and pedestrian connectivity.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	150,000		150,000						
CONSTRUCTION MANAGEMENT	150,000			150,000					
CONSTRUCTION	2,250,000			2,250,000					
10% CONTINGENCY	250,000			250,000					
OTHER ENG. SRCES (ROW ACQUISITION)	50,000			50,000					
	-								
TOTAL	\$ 2,850,000	\$ -	\$ 150,000	\$ 2,700,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
TRAFFIC IMPACT FEE	500,000		150,000	350,000					
FEDERAL EARMARK FUNDING	2,350,000			2,350,000					
	-								
	-								
	-								
TOTAL	\$ 2,850,000	\$ -	\$ 150,000	\$ 2,700,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	2,700,000	301-402-0046-595300-6328
TOTAL	\$ 2,700,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Queensgate Drive / Columbia Park Trail Improvements

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="No"/>	Project # TR150022
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i>	<i>No</i>	
PROJECT NAME: Queensgate Drive / Columbia Park Trail Improvements				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Queensgate Drive from Keene Road to I-182 Eastbound Ramp Terminal				
PROJECT TIMELINE: 2017-2019				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="YES"/>				

PROJECT DESCRIPTION

Reconfigure the Queensgate Drive / Columbia Park Trail intersection by constructing a roundabout and extending Columbia Park Trail west to Jericho Court. Queensgate Drive will be widened to accommodate 4 travel lanes between Keene Road and the I-182 eastbound ramp terminals. A right turn lane will be added from westbound Keene Road to northbound Queensgate Drive. Access control will be implemented along Queensgate Drive.

PROJECT ASSUMPTIONS

The project will require right of way acquisition and may require wetland impact mitigation. The design is very preliminary at this point and the scope and cost could change as the design matures. The project schedule will depend on the availability of grant funding.

BENEFITS

The project will reduce congestion and improve connectivity in this busy area.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	152,000			152,000					
CONSTRUCTION MANAGEMENT	172,000				172,000				
CONSTRUCTION	1,376,200				1,376,200				
10% CONTINGENCY	137,000				137,000				
OTHER ENG. SRCES (ROW ACQUISITION)	250,000			250,000					
	-								
TOTAL	\$ 2,087,200	\$ -	\$ -	\$ 402,000	\$ 1,685,200	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GRANT FUNDS (UNSECURED)	1,565,504				1,565,504				
BENTON COUNTY RURAL DEVELOPMENT FUNDS	381,696			381,696					
WATER DISTRIB RENEWAL & REPLCMT	70,000			10,152	59,848				
SEWER COLLECTION RENEWAL & REPLC	70,000			10,152	59,848				
	-								
	-								
TOTAL	\$ 2,087,200	\$ -	\$ -	\$ 402,000	\$ 1,685,200	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY			ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING			
CAPITAL ITEM	402,000	301-402-0046-595300-6330			
TOTAL	\$ 402,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE			

Gage Boulevard Improvements

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="NO"/>	Project # TR150023
Key # 2	Goal # 1	Strategic Leadership Plan Project?	No	
PROJECT NAME: Gage Boulevard Improvements				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Gage Blvd. from Penny Royal to Morency Drive				
PROJECT TIMELINE: 2020-2021				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

Add bike lane, shoulders, sidewalks, street lights, storm drainage on Gage Boulevard.

PROJECT ASSUMPTIONS

The project is dependent on acquisition of grant funding and prioritization by City Council.

BENEFITS

Improve travel safety, stormwater control, and bicycle and pedestrian connectivity.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	75,000							75,000	
CONSTRUCTION MANAGEMENT	25,000								25,000
CONSTRUCTION	659,091								659,091
10% CONTINGENCY	65,909								65,909
OTHER ENG. SRCES	-								
	-								
TOTAL	\$ 825,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 750,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GRANT FUNDS (UNSECURED)	713,625							64,875	648,750
RE EXCISE TAX 1ST 1/4%	111,375							10,125	101,250
	-								
	-								
TOTAL	\$ 825,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 750,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Bellerive Drive Extension

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="NO"/>	Project # TR150024
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i>	<i>No</i>	
PROJECT NAME: Bellerive Drive Extension				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Bellerive Drive from Rachel Road to 100 feet south of Wenatchee Lane				
PROJECT TIMELINE: 2019-2021				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

Construct a new 2-lane street with curb, gutter, sidewalk, bike lanes, street lights and storm drainage facilities.

PROJECT ASSUMPTIONS

The project is anticipated to be completed by development.

BENEFITS

Improved connectivity for vehicles, pedestrians and bicycles.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	10,000					10,000			
CONSTRUCTION MANAGEMENT	5,000							5,000	
CONSTRUCTION	40,909							40,909	
10% CONTINGENCY	4,091							4,091	
OTHER ENG. SRCES (ROW ACQUISITION)	10,000						10,000		
	-								
TOTAL	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 50,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
UNFUNDED	70,000					10,000	10,000	50,000	
	-								
	-								
	-								
TOTAL	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 50,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Queensgate Drive - Phase II

Type of Project Transportation		Partnership Project? <input type="checkbox"/> NO	Waterfront Project? <input type="checkbox"/> NO	Project # 1R150025
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i>	<i>No</i>	
PROJECT NAME: Queensgate Drive - Phase II				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Queensgate Drive from Bermuda Road to Alla Vista Road				
PROJECT TIMELINE: 2019-2021				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO				

PROJECT DESCRIPTION

Construct a new 2-lane collector with curb, gutter, sidewalk, street lights and storm drainage facilities on both sides.

PROJECT ASSUMPTIONS

The project is anticipated to be constructed by development.

BENEFITS

Improved connectivity for vehicles, pedestrians, and bicycles.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	300,000						300,000		
CONSTRUCTION MANAGEMENT	100,000								100,000
CONSTRUCTION	2,272,727								2,272,727
10% CONTINGENCY	227,273								227,273
OTHER ENG. SRCES	500,000							500,000	
	-								
TOTAL	\$ 3,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 500,000	\$ 2,600,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
UNFUNDED	3,400,000						300,000	500,000	2,600,000
	-								
	-								
	-								
TOTAL	\$ 3,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 500,000	\$ 2,600,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Stevens Drive Pathway

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="NO"/>	Project # TR150026
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i>	<i>No</i>	
PROJECT NAME: Stevens Drive Pathway				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Along Stevens Drive from Spengler Street to Horn Rapids Road				
PROJECT TIMELINE: 2018-2019				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

Construct a separated multi-use pathway on east side of Stevens Drive from Spengler Street to Horn Rapids Road.

PROJECT ASSUMPTIONS

The project will most likely depend on grant funds and prioritization by the City Council.

BENEFITS

Improved bicycle and pedestrian connectivity to major employment center in north Richland.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	70,000						70,000		
CONSTRUCTION MANAGEMENT	40,000							40,000	
CONSTRUCTION	763,636							763,636	
10% CONTINGENCY	76,364							76,364	
OTHER ENG. SRCES	-								
TOTAL	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 880,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
UNFUNDED	950,000						70,000	880,000	
TOTAL	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 880,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Vantage Highway Pathway - Phase III

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="NO"/>	Project # TR150027
Key # 2	Goal # 1	Strategic Leadership Plan Project?	No	
PROJECT NAME: Vantage Highway Pathway - Phase III				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Along SR 240 - from Twin Bridges Road to Kingsgate Way				
PROJECT TIMELINE: 2020-2021				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

Construct a 12' asphalt multi-use pathway on the north side of SR-240.

PROJECT ASSUMPTIONS

The project will require acquisition of grant funds, most likely from the Washington State Transportation Improvement Board, the Washington State Department of Transportation, or the Benton Franklin Council of Governments.

BENEFITS

This project will provide improved connectivity and safety for bicycle users and pedestrians.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	50,000							50,000	
CONSTRUCTION MANAGEMENT	20,000								20,000
CONSTRUCTION	481,818								481,818
10% CONTINGENCY	48,182								48,182
OTHER ENG. SRCES	-								
TOTAL	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 550,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
TAP (UL) GRANT (UNSECURED)	580,000							30,000	550,000
RE EXCISE TAX 1ST 1/4%	20,000							20,000	
TOTAL	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 550,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

SR 240 / Kingsgate Traffic Signal

Type of Project Transportation		Partnership Project? <input type="checkbox"/> YES	Project # TR160001	
Key # 2	Goal # 1	Strategic Leadership Plan Project? <input type="checkbox"/> No		
PROJECT NAME:	SR 240 / Kingsgate Traffic Signal			
PROJECT ADMINISTRATION:	Public Works Administration and Engineering			
PROJECT LOCATION:	Intersection of Kingsgate Way and SR-240			
PROJECT TIMELINE:	2017			
RESPONSE TO *GMA LEVEL OF SERVICE?	<input type="checkbox"/> YES			

PROJECT DESCRIPTION

Construct a traffic signal at the Kingsgate Way/SR 240 intersection.

PROJECT ASSUMPTIONS

Design and construction will be performed by WSDOT in conjunction with a signal they will be installing at Hagen Rd./SR 240.

BENEFITS

This project will improve access and safety for the Horn Rapids community and the Horn Rapids Industrial Park. Will provide improved safety for bicycle and pedestrian access between the Horn Rapids community and the Vantage Highway Pathway.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	74,300			74,300					
CONSTRUCTION MANAGEMENT	74,300			74,300					
CONSTRUCTION	372,000			372,000					
4% CONTINGENCY	14,900			14,900					
OTHER ENG. SRCES (ROW ACQUISITION)	-								
TOTAL	\$ 535,500	\$ -	\$ -	\$ 535,500	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DEVELOPER DEPOSITS	242,050			242,050					
INDUSTRIAL DEVELOPMENT FUND	293,450			293,450					
	-								
	-								
TOTAL	\$ 535,500	\$ -	\$ -	\$ 535,500	\$ -	\$ -	\$ -	\$ -	\$ -
	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY			ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING			
CAPITAL ITEM	535,500	301-402-0046-595300-6327			
TOTAL	\$ 535,500	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE			

Swift Boulevard Improvements

Type of Project Transportation		Partnership Project? YES	Project # TR160002	
Key # 2	Goal # 1	Strategic Leadership Plan Project? Yes		
PROJECT NAME: Swift Boulevard Improvements				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Swift Blvd. from Stevens Drive to George Washington Way				
PROJECT TIMELINE: 2017				
RESPONSE TO *GMA LEVEL OF SERVICE? NO				

PROJECT DESCRIPTION

Construct street improvements to reflect City-wide Transportation Plan elements and 2012 Swift Corridor master planning concept. Mill and overlay street, widen sidewalks, restripe street to support on-street parking and bicycle lanes, add street trees and replace street lights.

PROJECT ASSUMPTIONS

The project assumes allocation of the City and Port of Benton funding. The project design will be based on the 2012 Swift Corridor planning process, but may be updated to support changes in development plans along the corridor. One such change is the placement of the Kadlec parking structure.

BENEFITS

The project will update Swift Boulevard to support increased pedestrian and bicycle use in downtown. These features and the addition of on-street parking where appropriate will contribute to the vision of downtown as an active, vibrant area.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	80,000			80,000					
CONSTRUCTION MANAGEMENT	60,000			60,000					
CONSTRUCTION	1,081,818			1,081,818					
10% CONTINGENCY	108,182			108,182					
OTHER ENG. SRCES (ROW ACQUISITION)	-								
TOTAL	\$ 1,330,000	\$ -	\$ -	\$ 1,330,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
BENTON COUNTY RURAL DEVELOPMENT FUNDS	1,330,000			1,330,000					
	-								
	-								
TOTAL	\$ 1,330,000	\$ -	\$ -	\$ 1,330,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY			ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING			
CAPITAL ITEM	1,330,000	301-402-0046-595300-6326			
TOTAL	\$ 1,330,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE			

Marcus Whitman Elementary Sidewalks

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Project # TR160003	
Key # 2	Goal # 1	Strategic Leadership Plan Project? <i>No</i>		
PROJECT NAME:	Marcus Whitman Elementary Sidewalks			
PROJECT ADMINISTRATION:	Public Works Administration and Engineering			
PROJECT LOCATION:	Snow Avenue from Duportail Street to Hoffman Street			
PROJECT TIMELINE:	2017-2018			
RESPONSE TO *GMA LEVEL OF SERVICE?	<input type="text" value="NO"/>			

PROJECT DESCRIPTION

Construct concrete sidewalks, curb and gutter, storm drainage, street lights and overlay roadway along the school walking route to Marcus Whitman Elementary.

PROJECT ASSUMPTIONS

The project assumes award of grant funds from the Washington State Department of Transportation.

BENEFITS

Improved pedestrian safety and street condition along a designated walk to school route.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	35,000			35,000					
CONSTRUCTION MANAGEMENT	35,000				35,000				
CONSTRUCTION	350,000				350,000				
10% CONTINGENCY	35,000				35,000				
OTHER ENG. SRCES (ROW ACQUISITION)	-								
TOTAL	\$ 455,000	\$ -	\$ -	\$ 35,000	\$ 420,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GRANT (UNSECURED) SAFE ROUTES TO SCHOOL	455,000			35,000	420,000				
-	-								
-	-								
TOTAL	\$ 455,000	\$ -	\$ -	\$ 35,000	\$ 420,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
-	-								
-	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY			ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING			
CAPITAL ITEM	35,000	301-402-0046-595300-6325			
TOTAL	\$ 35,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE			

South GWW Pedestrian Overpass and Entry Feature

Type of Project		Partnership Project?		Project #	
Transportation		NO		TR160004	
Key #	Goal #	Strategic Leadership Plan Project?			
2	1	No			
PROJECT NAME: South GWW Pedestrian Overpass and Entry Feature					
PROJECT ADMINISTRATION: Public Works Administration and Engineering					
PROJECT LOCATION: George Washington Way and Aaron Drive					
PROJECT TIMELINE: 2018 - 2020					
RESPONSE TO *GMA LEVEL OF SERVICE? YES					

PROJECT DESCRIPTION

The project will construct a pedestrian overpass south of the intersection of George Washington Way and Aaron Drive connecting the residential neighborhoods on the west side of George Washington Way to the shopping center and Waterfront district. The project will be leveraged to design a distinctive entry feature into the Waterfront District.

PROJECT ASSUMPTIONS

The project will require substantial grant funding that is at present unsecured. The project will also require formal approval by WSDOT as portions of the overpass will occupy WSDOT right of way. The project design will only be finalized after careful design review, especially over the entry feature treatments.

BENEFITS

This project will improve safety and connectivity for many residents who live within walking distance of the Winco-anchored shopping center and Columbia Point amenities, but who are inhibited from accessing them by traffic on George Washington Way. This project will also contribute to improved vehicle flow on George Washington Way by reducing the impact of pedestrians on traffic signal timing.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	200,000				200,000				
CONSTRUCTION MANAGEMENT	200,000						200,000		
CONSTRUCTION	2,000,000						2,000,000		
10% CONTINGENCY	200,000						200,000		
OTHER ENG. SRCES (ROW ACQUISITION)	-								
TOTAL	\$ 2,600,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$2,400,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
BENTON CO RURAL DEVELOPMENT FUNDS	1,200,000						1,200,000		
RE EXCISE TAX 1ST 1/4%	350,000				200,000		150,000		
WSDOT BIKE/PED GRANT (UNSECURED)	800,000						800,000		
TIB GRANT (UNSECURED)	250,000						250,000		
TOTAL	\$ 2,600,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$2,400,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

South Richland Collector Streets

Type of Project Transportation		Partnership Project? <input type="checkbox"/> YES	Project # TR160005
Key # 2	Goal # 1	Strategic Leadership Plan Project? <input type="checkbox"/> No	
PROJECT NAME: South Richland Collector Streets			
PROJECT ADMINISTRATION: Public Works Administration and Engineering			
PROJECT LOCATION: New development locations in South Richland listed in RMC 12.03.190			
PROJECT TIMELINE: Ongoing			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO			

PROJECT DESCRIPTION

Reimbursement, through latecomer agreements, for developer-constructed improvements listed in Richland Municipal Code section 12.03.190.

PROJECT ASSUMPTIONS

Reimbursement commitments in the latecomer agreements are for percentages of impact fee revenue received by the City. The amount of revenue is determined by the volume and type of private development activity in the impact fee areas, so the City does not determine revenues or reimbursement amounts. The amounts shown below are estimates based on anticipated development activity and the existing latecomer agreements.

BENEFITS

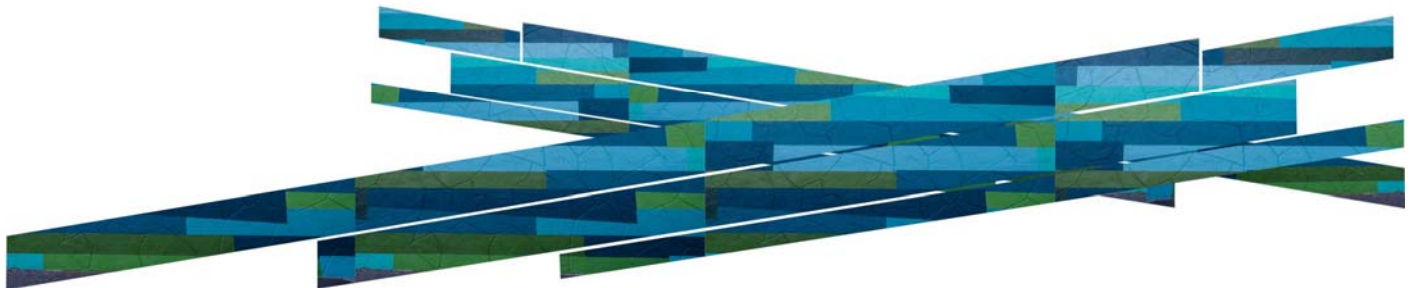
This program represents the private financing and construction of the collector street network included in the City's Comprehensive Plan. Reimbursement through latecomer agreements means the community has already received the benefit of these improvements.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	-								
10% CONTINGENCY	-								
OTHER ENG. SRCES (ROW ACQUISITION)	-								
LATECOMER REIMBURSEMENTS	100,000			100,000					
TOTAL	\$ 100,000	\$ -	-	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
TRAFFIC IMPACT FEES	100,000			100,000					
	-								
	-								
	-								
	-								
TOTAL	\$ 100,000	\$ -	-	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

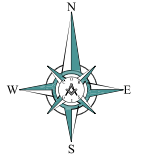
FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	100,000	301-402-0046-595300-6318
TOTAL	\$ 100,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE



Wastewater



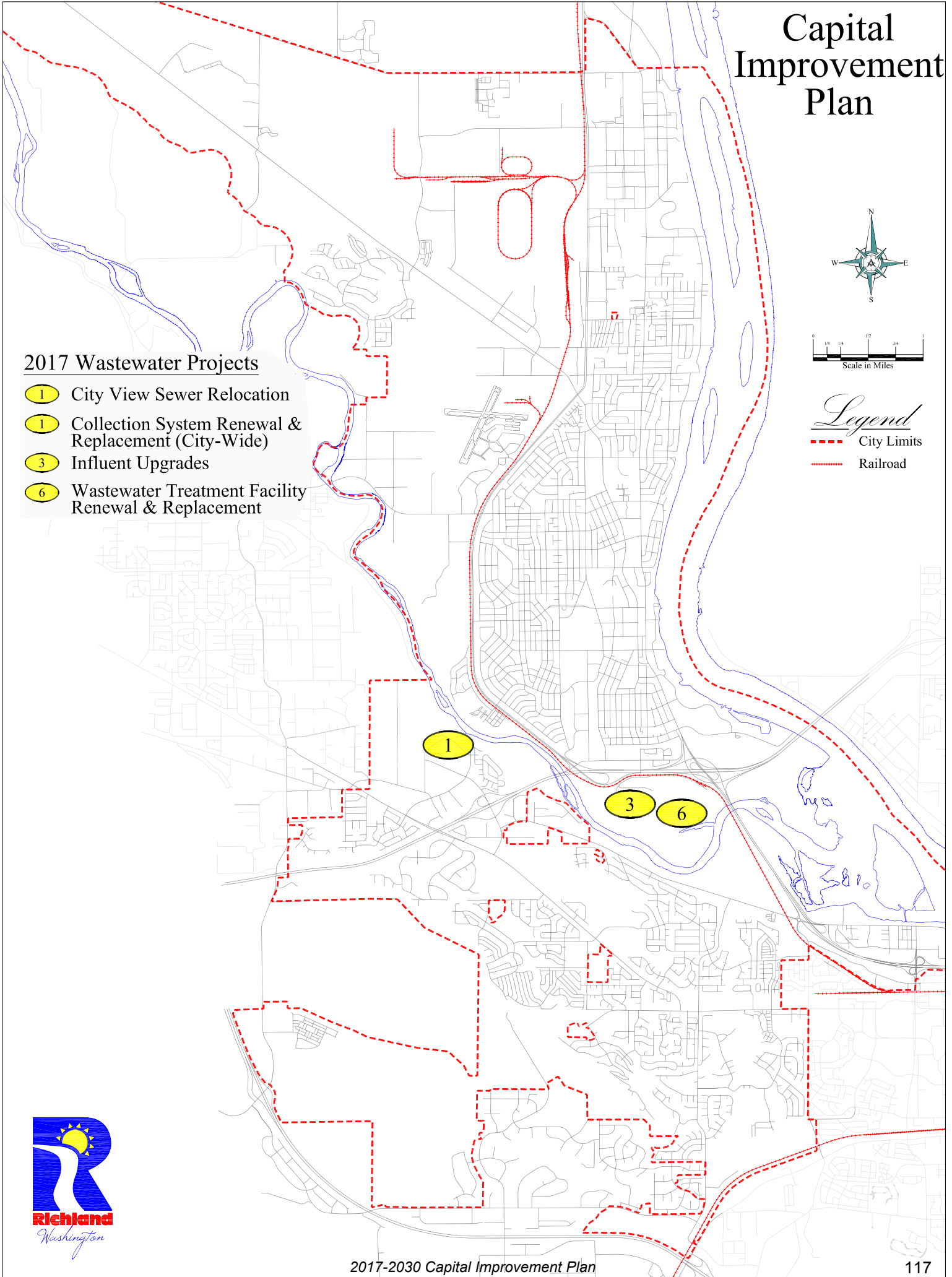
Capital Improvement Plan



Legend
- - - City Limits
- - - - - Railroad

2017 Wastewater Projects

- 1 City View Sewer Relocation
- 1 Collection System Renewal & Replacement (City-Wide)
- 3 Influent Upgrades
- 6 Wastewater Treatment Facility Renewal & Replacement





Capital Improvement Plan

2017 thru 2030

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Wastewater Projects

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Wastewater										
PROJECT COSTS										
City View Sewer Relocation	WW160001	0	0	180,000	0	0	0	0	0	180,000
Collection System Renewal & Replacement	WW130001	7,787,459	439,187	2,314,000	1,762,000	1,819,000	1,878,000	2,468,000	2,003,000	20,470,646
Influent Upgrades	WW130003	0	100,000	2,183,000	0	0	0	0	0	2,283,000
Wastewater Treatment Facility Renewal & Replacement	WW130006	2,220,890	1,047,479	405,000	551,000	568,000	587,000	606,000	626,000	6,611,369
Wastewater Total:		10,008,349	1,586,666	5,082,000	2,313,000	2,387,000	2,465,000	3,074,000	2,629,000	29,545,015
FUNDING SOURCES										
Bonds - Future Issue		0	100,000	2,183,000	0	0	0	0	0	2,283,000
Rate Revenue		10,008,349	1,486,666	1,699,000	1,713,000	1,787,000	1,865,000	2,474,000	2,029,000	23,062,015
Wastewater Facility Fees		0	0	1,200,000	600,000	600,000	600,000	600,000	600,000	4,200,000
Wastewater Total:		10,008,349	1,586,666	5,082,000	2,313,000	2,387,000	2,465,000	3,074,000	2,629,000	29,545,015

Collection System Renewal & Replacement

Type of Project Wastewater		Partnership Project? <input type="text" value="NO"/>	Project # WW130001
Key # 2	Goal # 2	Strategic Leadership Plan Project? No	
PROJECT NAME: <input type="text" value="Collection System Renewal & Replacement"/>			
PROJECT ADMINISTRATION: <input type="text" value="Public Works Administration and Engineering"/>			
PROJECT LOCATION: <input type="text" value="Throughout Richland"/>			
PROJECT TIMELINE: <input type="text" value="Ongoing"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>			

PROJECT DESCRIPTION

Replacement and repair of deteriorated sewer lines, manholes and repair and replacement of obsolete pumping stations. The 2017 work will include replacement of the aging Waterfront sewer pump station in north Richland, the first year of a two-year intensive pipeline inspection and condition rating program, and an acceleration of pipeline rehabilitation as recommended by the 2016 General Sewer Plan.

PROJECT ASSUMPTIONS

The program increase for 2017 is based on the recommendations of the 2016 General Sewer Plan update, which indicate the City's sewer collection system has a large inventory of pipe approaching 75 years old. The program need will be refined, validated and directed by a two-year intensive pipeline inspection and condition rating program.

BENEFITS

This project will extend the useful life of the City's sewer pipelines. The program seeks to implement least-cost rehabilitation methods, where available, to prevent deterioration of pipelines to the point that complete replacement is required.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	198,356	198,356							
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	20,272,290	7,589,103	439,187	2,314,000	1,762,000	1,819,000	1,878,000	2,468,000	2,003,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 20,470,646	\$ 7,787,459	\$ 439,187	\$ 2,314,000	\$ 1,762,000	\$ 1,819,000	\$ 1,878,000	\$ 2,468,000	\$ 2,003,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WASTEWATER RATE REVENUE	17,970,646	7,787,459	439,187	1,314,000	1,462,000	1,519,000	1,578,000	2,168,000	1,703,000
WASTEWATER FACILITY FEE REVENUE	2,500,000			1,000,000	300,000	300,000	300,000	300,000	300,000
	-								
	-								
TOTAL	\$ 20,470,646	\$ 7,787,459	\$ 439,187	\$ 2,314,000	\$ 1,762,000	\$ 1,819,000	\$ 1,878,000	\$ 2,468,000	\$ 2,003,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	607,000	403-421-0004-594558-4403
CAPITAL ITEM	1,707,000	403-421-0006-594558-6403
TOTAL	\$ 2,314,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Influent Upgrades

Type of Project

Wastewater

Partnership Project?

NO

Project #

WW130003

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Influent Upgrades

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Wastewater Treatment Facility Influent Pump Station

PROJECT TIMELINE:

2016 - 2017

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

Rehabilitation of the influent building and addition of a new mechanical fine screen. Removal and replacement of existing manual bar screen with a mechanical bar screen and repair and/or replacement of pumping and electrical equipment as needed.

PROJECT ASSUMPTIONS

Project funding as revenue bonds, to be issued in 2017, is based on the outcome of the 2016 General Sewer Plan update and rate study, which was reviewed and supported at the May, 2016 Utility Advisory Committee meeting.

BENEFITS

Replacement screens will operate more reliably and with improved performance and energy efficiency. Replacement of the existing manual screen with a mechanical unit will improve employee safety and provide redundant mechanical screening capability and improved plant performance in downstream processes. The existing plant equipment includes one mechanically cleaned screen and a backup screen requiring manual cleaning. Use of the manually cleaned screen is planned as an infrequent process to be used when the mechanically cleaned screen fails. Manual cleaning is quite strenuous and increases the chances of employee injury. The existing mechanical equipment is approaching its end of life and has experienced multiple failures in recent years and is increasingly difficult to maintain.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	100,000		100,000						
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	1,770,909			1,770,909					
10% CONTINGENCY	177,091			177,091					
OTHER ENG. SERVICES	85,000			85,000					
O & M MANUALS	150,000			150,000					
TOTAL	\$ 2,283,000	\$ -	\$ 100,000	\$2,183,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
REVENUE BONDS	2,283,000		100,000	2,183,000					
	-								
	-								
TOTAL	\$ 2,283,000	\$ -	\$ 100,000	\$2,183,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY

ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE

DESCRIPTION	2017	CODING
CAPITAL ITEM	2,183,000	403-421-0006-594514-6403
TOTAL	\$ 2,183,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Wastewater Treatment Facility Renewal & Replacement

Type of Project Wastewater		Partnership Project? <input type="text" value="NO"/>	Project # WW130006
Key # 2	Goal # 2	Strategic Leadership Plan Project? <input type="text" value="No"/>	
PROJECT NAME: <input type="text" value="Wastewater Treatment Facility Renewal & Replacement"/>			
PROJECT ADMINISTRATION: <input type="text" value="Public Works Administration and Engineering"/>			
PROJECT LOCATION: <input type="text" value="Wastewater Treatment Facility"/>			
PROJECT TIMELINE: <input type="text" value="Ongoing"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>			

PROJECT DESCRIPTION

Structural and mechanical rehabilitation, repair and replacement of plant facilities and equipment to eliminate downtime and ensure continued effective wastewater treatment.

PROJECT ASSUMPTIONS

Maintenance record data and regular inspections are utilized to prioritize ongoing repairs and replacements. This program relies on adequate rate revenue to support it.

BENEFITS

Timely repairs will eliminate costly replacement of major component to this 30+ year old facility and ensure that the facility continues to effectively treat the City's wastewater without interruption.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	6,611,369	2,220,890	1,047,479	405,000	551,000	568,000	587,000	606,000	626,000
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 6,611,369	\$ 2,220,890	\$ 1,047,479	\$ 405,000	\$ 551,000	\$ 568,000	\$ 587,000	\$ 606,000	\$ 626,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WASTEWATER RATE REVENUE	4,911,369	2,220,890	1,047,479	205,000	251,000	268,000	287,000	306,000	326,000
WASTEWATER FACILITY FEE REVENUE	1,700,000	-	-	200,000	300,000	300,000	300,000	300,000	300,000
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
TOTAL	\$ 6,611,369	\$ 2,220,890	\$ 1,047,479	\$ 405,000	\$ 551,000	\$ 568,000	\$ 587,000	\$ 606,000	\$ 626,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	80,000	403-421-0003-594522-3403
CAPITAL ITEM	325,000	403-421-0006-594522-6403
TOTAL	\$ 405,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

City View Sewer Relocation

Type of Project

Wastewater

Partnership Project?

NO

Project #

WW160001

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: City View Sewer Relocation

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: City Property East of City View Drive

PROJECT TIMELINE: 2017

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Install a replacement sewer pipeline from Duportail Street to Truman Avenue.

PROJECT ASSUMPTIONS

The project will require SEPA review.

BENEFITS

The project will provide gravity sewer service to the City's parcel between City View Drive and the Yakima River. The existing sewer pipeline in City View Drive is upslope of much of the planned development on this parcel. Relocating this pipeline will also free up space in the City View right of way needed for large water pipelines associated with the Duportail Bridge.

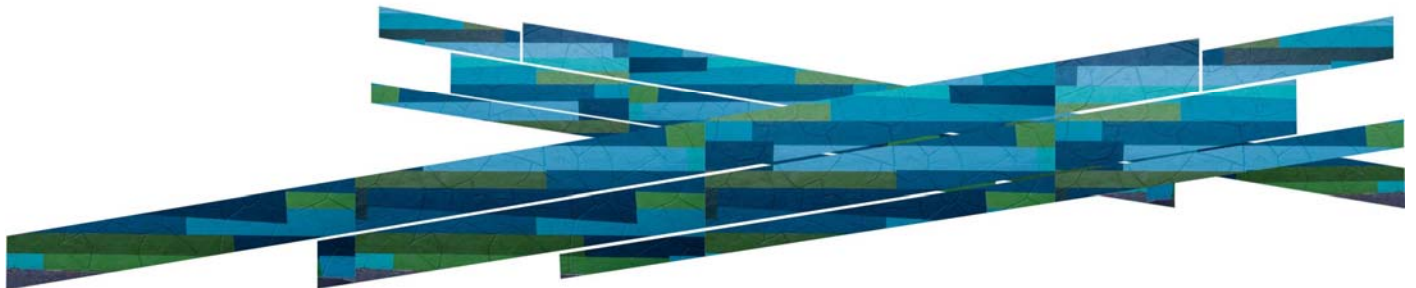
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	13,500			13,500					
CONSTRUCTION MANAGEMENT	13,500			13,500					
CONSTRUCTION	139,091			139,091					
10% CONTINGENCY	13,909			13,909					
OTHER ENG. SERVICES	-								
TOTAL	\$ 180,000	\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WASTEWATER RATE REVENUE	180,000			180,000					
	-								
	-								
TOTAL	\$ 180,000	\$ -	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

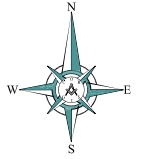
DESCRIPTION	2017	CODING
CAPITAL ITEM	180,000	403-421-0006-594555-6403
TOTAL	\$ 180,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE



Water



Capital Improvement Plan

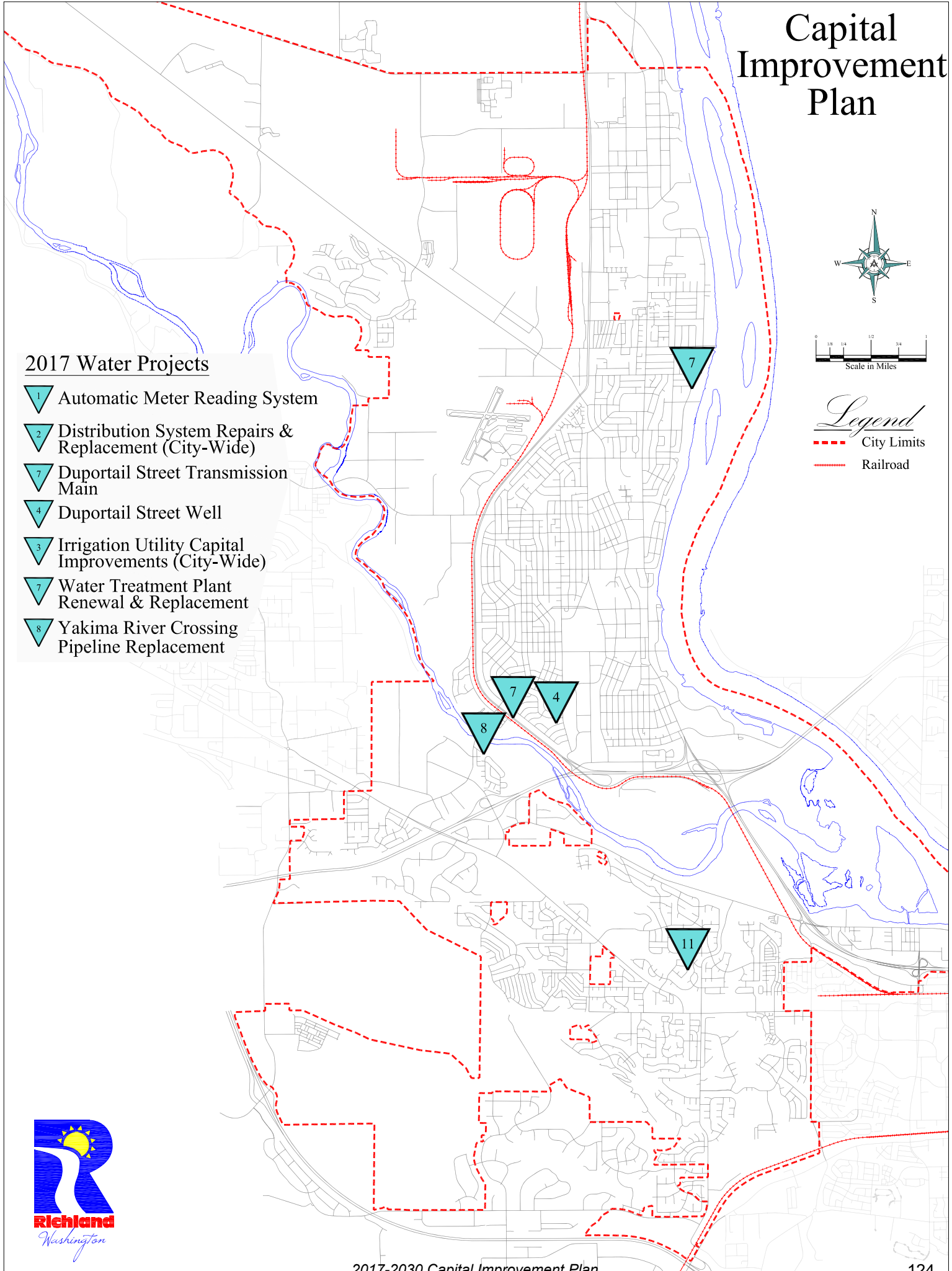


Legend

- - - City Limits
- . - . - Railroad

2017 Water Projects

- ▼ 1 Automatic Meter Reading System
- ▼ 2 Distribution System Repairs & Replacement (City-Wide)
- ▼ 7 Duportail Street Transmission Main
- ▼ 4 Duportail Street Well
- ▼ 3 Irrigation Utility Capital Improvements (City-Wide)
- ▼ 7 Water Treatment Plant Renewal & Replacement
- ▼ 8 Yakima River Crossing Pipeline Replacement





Capital Improvement Plan

2017 thru 2030

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Water Projects

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Water										
PROJECT COSTS										
Automatic Meter Reading System	WA160001	0	0	235,000	3,000,000	0	0	0	0	3,235,000
Broadmoor Street Conversion from Tapteal I to Tapteal II	WA160005	0	0	0	0	0	0	107,000	0	107,000
Chief Joseph Middle School Irrigation Well	WA150010	0	0	0	150,000	0	0	0	0	150,000
Columbia River Intake Screen Upgrade	WA160002	0	0	0	200,000	100,000	4,330,000	0	0	4,630,000
Core Y Additional PRV	WA160006	0	0	0	0	0	0	406,000	0	406,000
Distribution System Repairs & Replacement	WA130002	28,517,716	693,177	200,000	250,000	300,000	350,000	350,000	500,000	31,160,893
Duportail Street Transmission Main	WA160007	0	0	750,000	0	0	0	0	0	750,000
Duportail Street Well	WA130004	56,655	1,640,545	500,000	0	0	0	0	0	2,197,200
High Meadows St and Leslie Road PRV (Tapteal II and Irrigation Utility Capital Improvements	WA160004	0	0	0	0	0	0	102,000	0	102,000
Orchard Way Conversion from Tapteal I to Tapteal II	WA130003	909,158	700,015	230,000	100,000	100,000	100,000	100,000	100,000	2,339,173
Tapteal I Pump Station Upgrade	WA160010	0	0	0	0	0	50,000	450,000	0	500,000
Tapteal II Loop	WA160008	0	0	0	0	0	114,000	0	0	114,000
Tapteal VI Water Main	WA160009	0	0	0	0	0	0	487,000	0	487,000
Water Treatment Plant Renewal & Replacement	WA130007	2,217,714	449,056	361,000	53,000	383,000	56,000	406,000	457,000	4,382,770
WTP Solids Handling Improvements	WA130006	0	0	0	0	0	0	400,000	0	400,000
Yakima River Crossing Pipeline Replacement	WA130008	0	341,250	1,000,000	3,500,000	2,999,000	0	0	0	7,840,250
Water Total:		31,701,243	3,824,043	3,276,000	7,253,000	3,882,000	5,000,000	2,843,000	1,057,000	58,836,286
FUNDING SOURCES										
Facility Fees		91,655	1,640,545	992,500	1,575,000	0	25,000	631,000	0	4,955,700
Grant - FEMA		0	100,000	750,000	1,143,301	0	0	0	0	1,993,301
Grant - Supplemental/Federal		503,000	0	0	0	0	0	0	0	503,000
Irrigation Utility Rate Revenue		374,399	431,774	230,000	125,000	100,000	100,000	100,000	100,000	1,561,173
Private Development		0	0	0	0	0	114,000	487,000	0	601,000
Public Works Trust Fund Loan		15,525,414	0	0	0	0	0	0	0	15,525,414
Rate Revenue		10,283,766	1,142,233	1,053,500	2,003,000	783,000	406,000	1,000,000	957,000	17,628,499
Revenue Bond Issue		4,923,009	509,491	250,000	2,356,699	2,999,000	4,330,000	0	0	15,368,199
Richland School District		0	0	0	50,000	0	0	0	0	50,000
Surplus Property Sale		0	0	0	0	0	0	400,000	0	400,000
West Richland		0	0	0	0	0	25,000	225,000	0	250,000
Water Total:		31,701,243	3,824,043	3,276,000	7,253,000	3,882,000	5,000,000	2,843,000	1,057,000	58,836,286

Distribution System Renewal & Replacement

Type of Project

Water

Partnership Project?

NO

Project #

WA130002

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Distribution System Renewal & Replacement

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Throughout Richland

PROJECT TIMELINE:

Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

Repair and replacement of valves, pipelines and meters to maintain distribution system reliability and efficiency.

PROJECT ASSUMPTIONS

Leak survey data and maintenance records are utilized to prioritize ongoing repairs and replacement. The program will also replace galvanized service lines that are approaching the end of their service life. Many of these galvanized service lines are shared between properties and have indoor basement meters. Replacement service lines will include a dedicated service line and outdoor water meter to conform with current standards. In addition, special focus is placed on areas scheduled for upcoming street resurfacing to maximize the cost-effectiveness of the street resurfacing program.

BENEFITS

This program addresses extends the useful life of the water distribution system.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	945,918	945,918							
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	30,214,975	27,571,798	693,177	200,000	250,000	300,000	350,000	350,000	500,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 31,160,893	\$ 28,517,716	\$ 693,177	\$ 200,000	\$ 250,000	\$ 300,000	\$ 350,000	\$ 350,000	\$ 500,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER RATE REVENUE	10,709,229	8,066,052	693,177	200,000	250,000	300,000	350,000	350,000	500,000
FACILITIES FEES	35,000	35,000							
PWTF LOAN	15,525,414	15,525,414							
REVENUE BOND PROCEEDS	4,388,250	4,388,250							
GRANT - SUPPLEMENT/FEDERAL	503,000	503,000							
TOTAL	\$ 31,160,893	\$ 28,517,716	\$ 693,177	\$ 200,000	\$ 250,000	\$ 300,000	\$ 350,000	\$ 350,000	\$ 500,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	200,000	402-410-0004-594536-4403
TOTAL	\$ 200,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Irrigation Utility Capital Improvements

Type of Project

Water

Partnership Project?

NO

Project #

WA130003

Key #

2

Goal #

1

Strategic Leadership Plan Project?

No

PROJECT NAME: Irrigation Utility Capital Improvements

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Columbia Point, Horn Rapids, Willowbrook, Smart Park, Innovation Center, etc.

PROJECT TIMELINE: Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Repair and replacement of pumps, motors, valves, pipelines and meters in order to maintain the irrigation pumping and distribution system. This project will also include upgrade of the river pump station intake screens in early 2018.

PROJECT ASSUMPTIONS

Maintenance records are utilized to prioritize ongoing repairs and replacement.

BENEFITS

This program will maintain operational reliability and improve operating efficiency of irrigation water delivery systems.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	2,339,173	909,158	700,015	230,000	100,000	100,000	100,000	100,000	100,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 2,339,173	\$ 909,158	\$ 700,015	\$ 230,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
IRRIGATION UTILITY RATE REVENUE	1,536,173	374,399	431,774	230,000	100,000	100,000	100,000	100,000	100,000
REVENUE BOND ISSUE	803,000	534,759	268,241						
	-								
	-								
TOTAL	\$ 2,339,173	\$ 909,158	\$ 700,015	\$ 230,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	30,000	402-410-0003-594507-3403
CAPITAL ITEM	200,000	402-410-0006-594507-6403
TOTAL	\$ 230,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Duportail Street Well

Type of Project Water		Partnership Project? <input type="text" value="NO"/>	Project # WA130004
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i> <input type="text" value="No"/>	
PROJECT NAME: <input type="text" value="Duportail Street Well"/>			
PROJECT ADMINISTRATION: <input type="text" value="Public Works Administration and Engineering"/>			
PROJECT LOCATION: <input type="text" value="Southwest of the Yakima River on the north side of Duportail Street"/>			
PROJECT TIMELINE: <input type="text" value="2015 - 2017"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="YES"/>			

PROJECT DESCRIPTION

Construction of a new City well near Duportail Street on the west side of the Yakima River. The project includes site development, completed in 2016, well drilling, scheduled for completion in 2016, and well pump equipment installation, scheduled for 2017.

PROJECT ASSUMPTIONS

The project relies on the availability of good quality water at the selected site. Wells completed elsewhere in the region often requires treatment to be suitable for drinking water supply. The budget assumes that our expert studies are correct and that a high quality supply can be implemented at this site. Well drilling in 2016 includes a test hole to sample the available water. The sample results will be used to determine whether the entire project should be completed on the selected site or whether another site should be considered.

BENEFITS

This water source will provide a water supply for future growth and a backup supply for the current system. Current available water sources south of the Yakima River are not adequate to meet current or future demand. This new source would improve system reliability and security.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	2,197,200	56,655	1,640,545	500,000					
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 2,197,200	\$ 56,655	\$ 1,640,545	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER FACILITY FEES	2,197,200	56,655	1,640,545	500,000					
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
TOTAL	\$ 2,197,200	\$ 56,655	\$ 1,640,545	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	500,000	402-410-0006-594560-6403
TOTAL	\$ 500,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

WTP Solids Handling Improvements

Type of Project

Water

Partnership Project?

NO

Project #

WA130006

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

WTP Solids Handling Improvements

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Water Treatment Plant Site

PROJECT TIMELINE:

2021

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

Modification of the solids removal and transporting system to collect and handle the solids on-site.

PROJECT ASSUMPTIONS

The existing solids handling facilities are reaching the end of their service life and occupy a large section of real estate in two locations. Mechanical settling and pumping equipment is located at the Water Treatment Plant. Drying facilities are located on property adjacent to George Washington Way. After replacement facilities are operational the George Washington Way property could be surplus from the Water Utility.

BENEFITS

This project replaces obsolete and inefficient equipment, enabling cost-saving operations in the future and potential revenue from sale of surplus property.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	20,000							20,000	
CONSTRUCTION MANAGEMENT	20,000							20,000	
CONSTRUCTION	327,273							327,273	
10% CONTINGENCY	32,727							32,727	
OTHER ENG. SERVICES	-								
	-								
TOTAL	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
SURPLUS PROPERTY SALE	400,000							400,000	
	-								
	-								
	-								
TOTAL	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Water Treatment Plant Renewal & Replacement

Type of Project

Water

Partnership Project?

NO

Project #

WA130007

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Water Treatment Plant Renewal & Replacement

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Water Plant & Water Facilities throughout Richland

PROJECT TIMELINE:

Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Structural, mechanical, and control systems rehabilitation, repair and replacement of water plant facility and infrastructure. In 2017, the treatment and supply system will have rehabilitation work every other year. Annually there is planned communications upgrades to telemetry.

PROJECT ASSUMPTIONS

The Water Treatment Plant is the City's most important water supply facility and is more than 50 years old. Ongoing investment in renewal and replacement work is vital to preserving its service.

BENEFITS

Continuing reliable, high quality water supply.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	4,382,770	2,217,714	449,056	361,000	53,000	383,000	56,000	406,000	457,000
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 4,382,770	\$ 2,217,714	\$ 449,056	\$ 361,000	\$ 53,000	\$ 383,000	\$ 56,000	\$ 406,000	\$ 457,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER RATE REVENUE	4,382,770	2,217,714	449,056	361,000	53,000	383,000	56,000	406,000	457,000
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
TOTAL	\$ 4,382,770	\$ 2,217,714	\$ 449,056	\$ 361,000	\$ 53,000	\$ 383,000	\$ 56,000	\$ 406,000	\$ 457,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY**** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE

DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	296,000	402-410-0003-594505-3403
CAPITAL ITEM	65,000	402-410-0006-594505-6403
TOTAL	\$ 361,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Yakima River Crossing Pipeline Replacement

Type of Project Water		Partnership Project? <input type="text" value="NO"/>	Project # WA130008
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i> <input type="text" value="No"/>	
PROJECT NAME: Yakima River Crossing Pipeline Replacement			
PROJECT ADMINISTRATION: Public Works Administration and Engineering			
PROJECT LOCATION: Duportail Street and Bridge			
PROJECT TIMELINE: 2017 - 2018			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>			

PROJECT DESCRIPTION

This project will replace the existing pipeline crossing the Yakima River near the Duportail Street alignment. The replacement pipeline will be mounted on the Duportail Bridge and include increased capacity as called for in 2016 Water System Plan update. Project implementation may be phased to support development plans on City View Drive.

PROJECT ASSUMPTIONS

The project assumes that FEMA will extend the City's funding agreement past its current expiration date of September 30, 2016. The project also assumes the Duportail Bridge project proceeds on schedule. The project will not proceed to construction unless the Duportail Bridge is fully funded and goes to construction. The project grant funding is at risk if the project does not proceed to construction in a timely manner.

BENEFITS

The replacement water line will ensure continued reliable water supply to the portion of the City south of the Yakima River and will extend this crossing's capacity to support anticipated growth in south Richland and West Richland.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	165,000		165,000						
CONSTRUCTION MANAGEMENT	375,000		10,000	65,000	200,000	100,000			
CONSTRUCTION	6,651,705		166,250	850,000	3,000,000	2,635,455			
10% CONTINGENCY	648,545			85,000	300,000	263,545			
OTHER ENG. SERVICES	-								
TOTAL	\$ 7,840,250	\$ -	\$ 341,250	\$ 1,000,000	\$ 3,500,000	\$ 2,999,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GRANT - FEMA	1,993,301		100,000	750,000	1,143,301				
REVENUE BOND	5,846,949		241,250	250,000	2,356,699	2,999,000			
TOTAL	\$ 7,840,250	\$ -	\$ 341,250	\$ 1,000,000	\$ 3,500,000	\$ 2,999,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	1,000,000	402-410-0006-594554-6403
TOTAL	\$ 1,000,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Chief Joseph Middle School Irrigation Well

Type of Project

Water

Partnership Project?

YES

Project #

WA150010

Key #

5

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME:

Chief Joseph Middle School Irrigation Well

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Chief Joseph Middle School

PROJECT TIMELINE:

2018

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Construct a well to provide irrigation to the Chief Joseph Middle School property located at the corner of Stevens Drive, Wilson Street and Jadwin Avenue.

PROJECT ASSUMPTIONS

The project is a partnership project with the Richland School District and relies on funding from the School District. It is assumed that a productive and efficient well can be drilled on this site since there are many wells in central Richland that do so. The City's water rights enable establishing this well by reassigning existing water rights to this location. Once operational the project will reduce revenues to the Water Utility because the School District will pay less for irrigation water than the treated water they now use to water the space.

BENEFITS

The project makes best use of the City's water rights and extends the life and capacity of the City's drinking water treatment facilities. It also reduces the operating costs for the Richland School District.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	5,000				5,000				
CONSTRUCTION MANAGEMENT	5,000				5,000				
CONSTRUCTION	127,273				127,273				
10% CONTINGENCY	12,727				12,727				
OTHER ENG. SERVICES	-								
	-								
TOTAL	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RICHLAND SCHOOL DISTRICT	50,000				50,000				
IRRIGATION UTILITY RATE REVENUE	25,000				25,000				
WATER FACILITY FEES	75,000				75,000				
	-								
	-								
TOTAL	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Automatic Meter Reading System

Type of Project

Water

Partnership Project?

NO

Project #

WA160001

Key #
2

Goal #
2

Strategic Leadership Plan Project?

No

PROJECT NAME: Automatic Meter Reading System

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Water meters throughout Richland

PROJECT TIMELINE: 2017-2019

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

This project will convert the City's water meters with technology to automate meter reading. The project will also include enhanced system leak detection equipment.

PROJECT ASSUMPTIONS

The project is planned to complement the Electric Utility's deployment of automated metering technology and depends on that project moving forward.

BENEFITS

Improved meter reading accuracy. Improved water system management and leak detection. Improved customer service.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	235,000			235,000					
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	3,000,000				3,000,000				
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 3,235,000	\$ -	\$ -	\$ 235,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER RATE REVENUE	1,617,500			117,500	1,500,000				
WATER FACILITY FEE REVENUE	1,617,500			117,500	1,500,000				
	-								
	-								
TOTAL	\$ 3,235,000	\$ -	\$ -	\$ 235,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	235,000	402-410-0006-594548-6403
TOTAL	\$ 235,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Columbia River Intake Screen Upgrade

Type of Project

Water

Partnership Project?

NO

Project #

WA160002

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Columbia River Intake Screen Upgrade

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Snyder Street Water Intake Structure

PROJECT TIMELINE:

Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

The project will replace the inlet screens to comply with current environmental standards. The U.S. Army Corps of Engineers, as a condition of renewing the City's license agreement to operate water withdrawal on the Columbia River, is imposing current inlet screening requirements on the City.

PROJECT ASSUMPTIONS

The project is required to maintain access to the City's primary water source. Completion will depend on obtaining environmental permits.

BENEFITS

The project will preserve the City's ability to supply drinking water to its residents. It will also reduce the risk of impact to the water supply from incidents at the Snyder Street boat launch.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	300,000				200,000	100,000			
CONSTRUCTION MANAGEMENT	150,000						150,000		
CONSTRUCTION	3,800,000						3,800,000		
10% CONTINGENCY	380,000						380,000		
OTHER ENG. SERVICES	-								
	-								
TOTAL	\$ 4,630,000	\$ -	\$ -	\$ -	\$ 200,000	\$ 100,000	\$ 4,330,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER RATE REVENUE	300,000				200,000	100,000			
REVENUE BOND	4,330,000						4,330,000		
	-								
	-								
TOTAL	\$ 4,630,000	\$ -	\$ -	\$ -	\$ 200,000	\$ 100,000	\$ 4,330,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Orchard Way Conversion from Tapteal I to Tapteal II

Type of Project

Water

Partnership Project?

NO

Project #

WA160003

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Orchard Way Conversion from Tapteal I to Tapteal II

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Orchard Way, east of Greenview Drive

PROJECT TIMELINE:

2021

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Construct approximately 200 LF of 8" diameter main in Leslie Road from High Meadows Street to an existing Tapteal I Zone 8" diameter main to provide looped supply to the Tapteal II Zone in this area.

PROJECT ASSUMPTIONS

The project assumes adequate funding and staff time. The 2016 Water System Plan Update identified this area as providing substandard water pressure.

BENEFITS

This project will upgrade the water pressure for an existing neighborhood currently experiencing occasional substandard water pressure.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	35,000							35,000	
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER RATE REVENUE	35,000							35,000	
	-								
	-								
TOTAL	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

High Meadows St and Leslie Road PRV (Tapteal II to Tapteal I)

Type of Project

Water

Partnership Project?

NO

Project #

WA160004

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

High Meadows St and Leslie Road PRV (Tapteal II to Tapteal I)

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Neighborhoods on either side of Leslie Road between Broadmoor Street and Peach Tree Lane

PROJECT TIMELINE:

2021

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

This project will install a pressure reducer valve (PRV) station to supplement the Tapteal I Zone at approximately Leslie Road and High Meadows Street. The proposed PRV can be connected to the Tapteal 1.5 Zone serving Caliente Sands, or the Tapteal II Zone within Leslie Road or High Meadows Street.

PROJECT ASSUMPTIONS

The project will require adequate funding and staff time. The project need was identified in the 2016 Water System Plan Update as needed to address occasional low water pressure.

BENEFITS

Improved water pressure.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	102,000							102,000	
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 102,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 102,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER RATE REVENUE	102,000							102,000	
	-								
	-								
TOTAL	\$ 102,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 102,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Broadmoor Street Conversion from Tapteal I to Tapteal II

Type of Project

Water

Partnership Project?

NO

Project #

WA160005

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Broadmoor Street Conversion from Tapteal I to Tapteal II

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Broadmoor Street east of Leslie Road.

PROJECT TIMELINE:

2021

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

This project will install approximately 600 LF of 8" water main in Broadmoor Street to connect to the existing 8" Tapteal II main in Leslie Road and convert 12 existing Tapteal I Zone customers to the Tapteal II Zone.

PROJECT ASSUMPTIONS

The project will require adequate funding and staff time. This area was identified in the 2016 Water System Plan Update as experiencing occasional substandard water pressure.

BENEFITS

The project will improve water pressure to residents who occasionally experience substandard pressure.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	107,000							107,000	
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 107,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 107,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER RATE REVENUE	107,000							107,000	
	-								
	-								
TOTAL	\$ 107,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 107,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Core Y Additional PRV

Type of Project Water		Partnership Project?	NO	Project # WA160006
Key # 2	Goal # 2	<i>Strategic Leadership Plan Project?</i>		No
PROJECT NAME: Core Y Additional PRV				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Steptoe Street and Tapteal Drive area				
PROJECT TIMELINE: 2021				
RESPONSE TO *GMA LEVEL OF SERVICE? NO				

PROJECT DESCRIPTION

This project will construct a second PRV station to improve the water service reliability to the Island View. The PRV station is proposed to be located at the intersection of Steptoe Street and Tapteal Drive. Approximately 700 LF of 8" diameter main is proposed in Steptoe Street, from Canyon Street to Tapteal Drive which includes a railroad crossing, to connect the proposed PRV to the Tapteal I and Core Y Zones.

PROJECT ASSUMPTIONS

The project schedule will work best if aligned with street improvements and development projects in the Steptoe - Tapteal area. The project will be coordinated with those other projects and may result in schedule changes. The project will require an easement or permit from the Port of Benton and the Tri-City Railroad.

BENEFITS

Improved water service reliability to the Island View and Tapteal areas. These areas are currently supplied by a single pipeline and PRV station with backup supply available from the City of Kennewick.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	406,000							406,000	
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 406,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 406,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER FACILITY FEE REVENUE	406,000							406,000	
	-								
	-								
TOTAL	\$ 406,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 406,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Duportail Street Transmission Main

Type of Project

Water

Partnership Project?

NO

Project #

WA160007

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Duportail Street Transmission Main

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Duportail Street from Wright Avenue to the west side of SR240

PROJECT TIMELINE:

2017

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

The project will install a 24-inch diameter pipeline from a valve manifold in Duportail Street, west of Wright Street, to the west side of SR240. The installed pipeline will be parallel to an existing 36-inch diameter pipeline which is the only connection across the Yakima River. The crossing of SR240 and the Port of Benton railroad tracks will be by a boring machine. The space available in Duportail Street is uncertain, so an alternate route for the redundant transmission main has been identified within Humphreys Street and Cottonwood Drive. This alternative may be used after further evaluation during design.

PROJECT ASSUMPTIONS

The project is planned to support and complement the Yakima River Crossing Pipeline construction and will only proceed if the Duportail Bridge proceeds to construction. The project will require permits or easements from the Port of Benton, Tri-City Railroad, and the Washington State Department of Transportation.

BENEFITS

The project will provide redundant water transmission pipelines across the Yakima River, improving the water supply reliability and security for the entire City.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	60,000			60,000					
CONSTRUCTION MANAGEMENT	30,000			30,000					
CONSTRUCTION	600,000			600,000					
10% CONTINGENCY	60,000			60,000					
OTHER ENG. SERVICES	-								
TOTAL	\$ 750,000	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER RATE REVENUE	375,000			375,000					
WATER FACILITY FEE REVENUE	375,000			375,000					
	-								
	-								
TOTAL	\$ 750,000	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	750,000	402-410-0006-594503-6403
TOTAL	\$ 750,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Tapteal II Loop

Type of Project

Water

Partnership Project?

NO

Project #

WA160008

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Tapteal II Loop

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Within the future Queensgate Drive Extension area, connecting the water line in Lariat Lane to the water line in Shockley Road

PROJECT TIMELINE:

2020

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Install approximately 600 LF of 8" diameter main between Lariat Lane and Shockley Road to improve redundancy and water quality within the Tapteal II distribution system.

PROJECT ASSUMPTIONS

This project will be completed as part of private development.

BENEFITS

The project will improve reliability.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	114,000						114,000		
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 114,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 114,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PRIVATE DEVELOPMENT	114,000						114,000		
	-								
	-								
TOTAL	\$ 114,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 114,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Tapteal VI Water Main

Type of Project

Water

Partnership Project?

NO

Project #

WA160009

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Tapteal VI Water Main

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

East slope of Badger Mountain

PROJECT TIMELINE:

2021

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

2,500 LF of 8" diameter main will be installed.

PROJECT ASSUMPTIONS

This project will be installed by private development.

BENEFITS

Adequate water service to new development.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	487,000							487,000	
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 487,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 487,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PRIVATE DEVELOPMENT	487,000							487,000	
	-								
	-								
TOTAL	\$ 487,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 487,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Tapteal I Pump Station Upgrade

Type of Project

Water

Partnership Project?

YES

Project #

WA160010

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Tapteal I Pump Station Upgrade

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

City Shops

PROJECT TIMELINE:

2020-2021

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

The project will replace pump station equipment to provide increased capacity and efficiency to meet the water supply needs of growth in south Richland and the City of West Richland.

PROJECT ASSUMPTIONS

This project is based on partnering funds from the City of West Richland. The project delivery schedule will be reevaluated periodically to confirm the growth projections calling for its need.

BENEFITS

The project will preserve reliable water supply to south Richland and the City of West Richland, who draws water from Richland pursuant to a wholesale water supply agreement. The project will also improve energy efficiency by replacing outdated equipment.

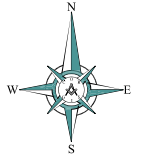
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	50,000						50,000		
CONSTRUCTION MANAGEMENT	50,000							50,000	
CONSTRUCTION	360,000							360,000	
10% CONTINGENCY	40,000							40,000	
OTHER ENG. SERVICES	-								
TOTAL	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 450,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
WATER FACILITY FEES	250,000						25,000	225,000	
CITY OF WEST RICHLAND	250,000						25,000	225,000	
	-								
TOTAL	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 450,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Waterfront

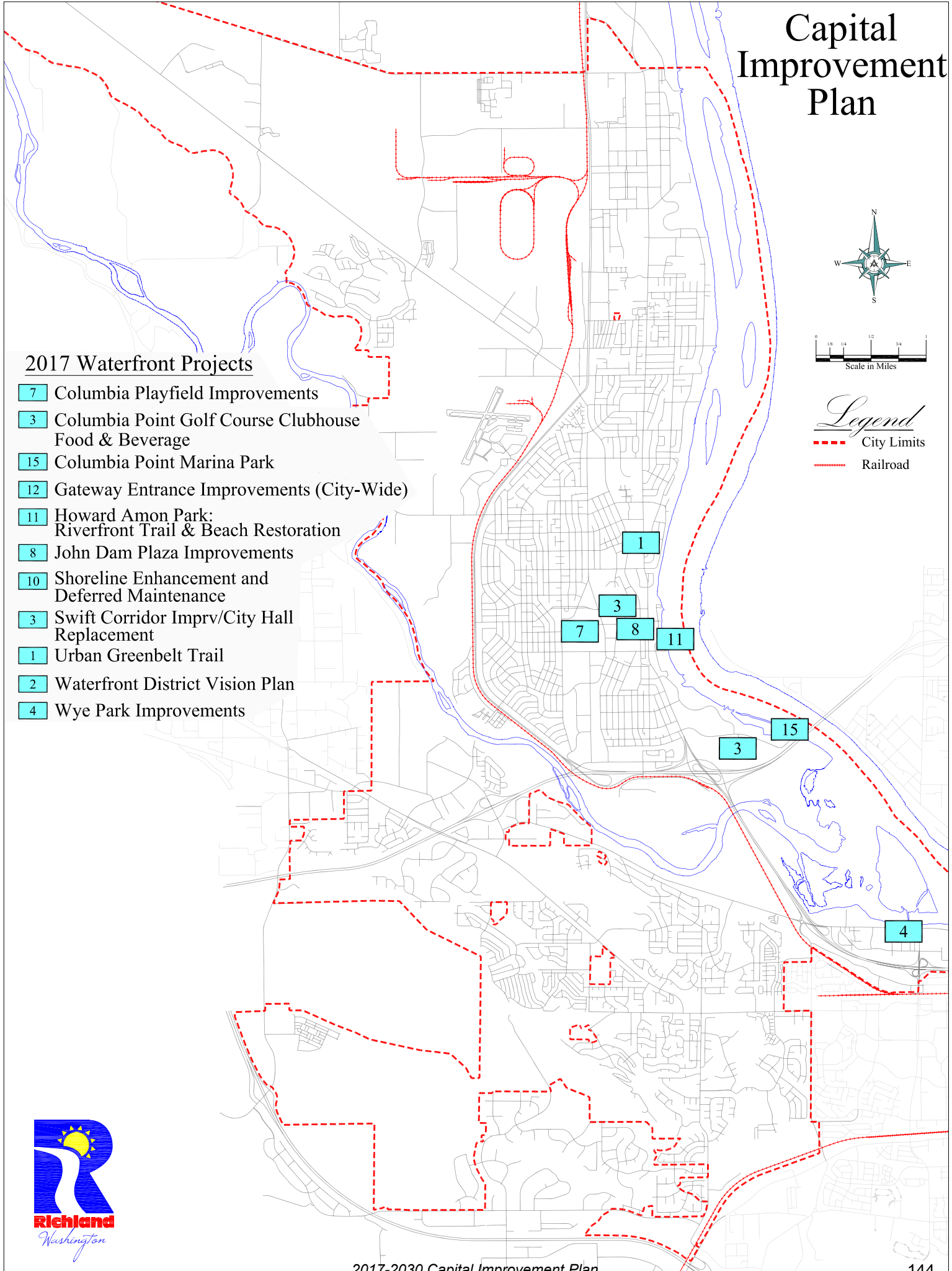


Capital Improvement Plan



2017 Waterfront Projects

- 7 Columbia Playfield Improvements
- 3 Columbia Point Golf Course Clubhouse Food & Beverage
- 15 Columbia Point Marina Park
- 12 Gateway Entrance Improvements (City-Wide)
- 11 Howard Amon Park: Riverfront Trail & Beach Restoration
- 8 John Dam Plaza Improvements
- 10 Shoreline Enhancement and Deferred Maintenance
- 3 Swift Corridor Imprv/City Hall Replacement
- 1 Urban Greenbelt Trail
- 2 Waterfront District Vision Plan
- 4 Wye Park Improvements





Capital Improvement Plan

2017 thru 2030

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Waterfront Projects

Department	Project #	\$ through 2015	Budget Rem. 2016	2017	2018	2019	2020	2021	2022	Total
Waterfront										
PROJECT COSTS										
Columbia Playfield Improvements	WF140007	1,001,522	39,436	513,000	50,000	0	0	300,000	0	1,903,958
Columbia Point Golf Course Clubhouse Food & Beverage	WF160003	0	0	266,000	0	0	0	0	0	266,000
Columbia Point Marina Park	WF150015	148,846	280,000	294,000	0	0	0	0	0	722,846
Community Center Modernization	WF150014	0	45,000	0	0	0	0	0	0	45,000
Fire Station 71 - Replacement Station	WF140004	0	0	0	0	0	0	0	4,950,000	4,950,000
Gateway Entrance Improvements	WF140012	182,137	134,174	36,000	36,000	36,000	36,000	0	0	460,311
Howard Amon Park:Riverfront Trail & Beach Restoration	WF140011	0	180,000	185,400	390,000	320,000	450,000	340,000	0	1,865,400
John Dam Plaza Improvements	WF140008	961,463	489,431	25,000	240,000	200,000	240,000	200,000	200,000	2,555,894
Leslie Groves Park	WF160002	0	0	0	120,000	0	0	0	0	120,000
Richland Public Library Makerspace	WF150016	0	270,000	0	0	0	0	0	0	270,000
Shoreline Enhancement and Deferred Maintenance	WF140010	1,200	58,800	30,000	30,000	30,000	30,000	30,000	30,000	240,000
Swift Corridor: City Hall Replacement	WF140003	1,339,923	1,375,000	16,646,860	0	0	0	0	0	19,361,783
Urban Greenbelt Trail	WF160001	0	0	80,000	0	0	0	0	0	80,000
Waterfront District Vision Plan	WF140002	54,650	46,850	10,000	0	0	0	0	0	111,500
Waterfront Redevelopment Planning Study	WF140001	200,000	0	0	0	0	0	0	0	200,000
Wye Park Improvements	WF160004	0	0	58,604	0	0	0	0	0	58,604
Waterfront Total:		3,889,741	2,918,691	18,144,864	866,000	586,000	756,000	870,000	5,180,000	33,211,296

FUNDING SOURCES

Bonds - Future Issue	0	0	16,200,000	0	0	0	0	0	4,950,000	21,150,000
Business License Reserve Fund	133,894	48,000	0	100,000	50,000	90,000	50,000	0	0	471,894
CDBG Funds	0	0	121,604	50,000	0	0	0	0	0	171,604
Criminal Justice Sales Tax	0	20,000	0	0	0	0	0	0	0	20,000
Donations	0	0	100,000	0	0	0	0	0	0	100,000
Donations (Hapo)	30,000	30,000	0	0	0	0	0	0	0	60,000
General Fund	19,150	46,850	10,000	0	0	0	0	0	0	76,000
General Fund - Facility Reserves	178,718	1,375,000	0	0	0	0	0	0	0	1,553,718
Grant	640,569	459,431	180,000	0	0	0	0	0	0	1,280,000
Grant - RCO	0	0	310,400	0	150,000	0	170,000	0	0	630,400
Grant (YAF)	63,846	140,000	0	0	0	0	0	0	0	203,846
Hotel/Motel-Lodging Funds	69,747	109,436	275,000	60,000	50,000	50,000	50,000	50,000	0	664,183
Industrial Development Fund	217,637	0	0	0	0	0	0	0	0	217,637
Land Sale (Swift & GWW)	111,205	0	0	0	0	0	0	0	0	111,205
Library Capital Reserve	0	170,000	0	0	0	0	0	0	0	170,000
Library Const. Fund (Added Parking)	250,000	0	0	0	0	0	0	0	0	250,000
Library Foundation	0	100,000	0	0	0	0	0	0	0	100,000
Lodging Tax Grant (Secured)	771,775	0	0	0	0	0	0	0	0	771,775
LTGO 98 Fund	550,000	0	0	0	0	0	0	0	0	550,000
LTGO Bond Fund	250,000	0	0	0	0	0	0	0	0	250,000
Parks Reserve Fund (Undesignated)	128,700	58,800	30,000	30,000	30,000	30,000	30,000	30,000	30,000	367,500
Parks Reserve-Park District 2	14,500	0	0	0	0	0	0	0	0	14,500
Private Funding	50,000	0	0	0	0	0	0	0	0	50,000
REET-RE Excise Tax 1st 1/4%	250,000	361,174	684,200	456,000	306,000	286,000	570,000	200,000	200,000	3,113,374
Right-of-Way Sale (Secured)	160,000	0	0	0	0	0	0	0	0	160,000
Unfunded	0	0	0	170,000	0	300,000	0	0	0	470,000
Utility Occ Tax Increase	0	0	233,660	0	0	0	0	0	0	233,660
Waterfront Total:		3,889,741	2,918,691	18,144,864	866,000	586,000	756,000	870,000	5,180,000	33,211,296

Waterfront District Vision Plan

Type of Project Waterfront		Partnership Project? <input type="checkbox"/> YES	Waterfront Project? <input type="checkbox"/> YES	Project # WF140002
Key # 3	Goal # 1	Strategic Leadership Plan Project? <i>Strategic Leadership Plan Project?</i>	No	
PROJECT NAME: Waterfront District Vision Plan				
PROJECT ADMINISTRATION: Community and Development Services				
PROJECT LOCATION: Designated Waterfront District includes riverfront and portion of downtown				
PROJECT TIMELINE: 2016 - 2017				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO				

PROJECT DESCRIPTION

This project is intended to translate Council's vision for an exciting and active downtown riverfront into a tangible and implementable plan. The vision will provide the basis for future redevelopment efforts necessary to enhance and connect the Riverfront and Downtown Districts. While considering the long-range (25 years) opportunities, the plan is anticipated to establish shorter term (5 year) implementation steps. This process will provide materials necessary to engage the public in ways that build community support and excitement for the vision. The project will build on the Tri-Cities' new branding program and capture the high value projects that uniquely identify and market Richland. Once the process is completed, ongoing marketing efforts will continue to build the district's reputation as an exciting activity hub and securing private investment for new development.

PROJECT ASSUMPTIONS

The resulting study will include an implementation plan for marketing, and identify potential infill development projects. Recommended wayfinding and gateway monuments will be included in the Gateway Improvements project.

BENEFITS

The study will enable successful recruitment of additional retail tenants to the waterfront district, as well as setting a path to increased revenue from property taxes, sales taxes, ground leases, and land sales. Implementation is expected to build community support and excitement for gathering spots and a sense of place by connecting our Waterfront District.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
VISION PLAN	101,500	54,650	46,850						
PLAN MARKETING	10,000			10,000					
	-								
TOTAL	\$ 111,500	\$ 54,650	\$ 46,850	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GENERAL FUND	76,000	19,150	46,850	10,000					
INDUSTRIAL DEVELOPMENT FUND	35,500	35,500							
	-								
TOTAL	\$ 111,500	\$ 54,650	\$ 46,850	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
NON-CAPITAL	10,000	001-302-0074-559220-4117
TOTAL	\$ 10,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Swift Corridor: City Hall Replacement

Type of Project Waterfront		Partnership Project? <input type="checkbox"/> NO	Waterfront Project? <input checked="" type="checkbox"/> YES	Project # WF140003
Key # 4	Goal # 2	Strategic Leadership Plan Project? Yes		
PROJECT NAME: <input type="text" value="Swift Corridor: City Hall Replacement"/>				
PROJECT ADMINISTRATION: <input type="text" value="Parks & Public Facilities"/>				
PROJECT LOCATION: <input type="text" value="625 Swift Boulevard"/>				
PROJECT TIMELINE: <input type="text" value="06/2011 - 12/2019"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO				

PROJECT DESCRIPTION

The Swift Corridor project is a multi-year, long-range economic development and infrastructure investment in the Central Business District. This project phase will replace three aging city buildings (Development Services, Administrative Annex and City Hall) into one approximately 44,000 square foot multistory structure in an effort to increase efficiencies and avoid costly building retrofits for ADA accessibility and other major system upgrades. The facility will be located on 1.8 acres purchased in 2016 on the northern portion of the GSA owned parking lot at the southwest corner of Swift Boulevard and Jadwin Avenue. The existing City Hall site will be cleared for economic development purposes consistent with the City's waterfront vision. Annual debt service estimated at \$893,719 would begin in 2017 and will be funded with savings resulting from the retirement of City Shops debt and from the approved 2016 increase in electric utility occupation tax to 8.5%.

PROJECT ASSUMPTIONS

3.5% interest on a 30 year general obligation bond repaid from the authorized 2016 increase in electric utility occupation tax to the General Fund and retirement of the City Shops debt funded by REET. Washington state design-build project delivery authority will be utilized. The existing City Hall and Administrative Annex Building will be demolished to create a 1.5 acre site for economic development purposes. A reconfiguration of the GSA parking lot and parking lot management will be necessary. The Development Services Building will be excess to the City's needs.

BENEFITS

Municipal efficiency and better access to local government by combining three facilities into one. Avoidance of costly ADA and major system upgrades to each of the three facilities. Opportunity for economic development at the current location of Richland City Hall.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
PROJECT PLANNING INCL DEBT ISSUANCE	377,203	177,203	200,000						
REMODEL UB AREA&SWIFT/JADWIN SIGNL	104,079	31,528	72,551						
DESIGN BUILD	16,500,000	-	300,000	16,200,000					
LAND ACQUISITION	1,084,923		1,084,923						
OTHER ENG. SERVICES	446,860		-	446,860					
	-		-						
	-		-						
TOTAL	\$ 18,513,065	\$ 208,731	\$1,657,474	\$ 16,646,860	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GENERAL FUND - FACILITY RESERVES	205,000	205,000							
LAND SALE (SWIFT & GWW)	111,205	111,205							
INDUSTRIAL DEVELOPMENT FUND	-	-							
LTGO 98 FUND	550,000	550,000							
CAPITAL IMPRVMT FUND (REET 1ST 1/4%)	463,200	250,000		213,200					
LIBRARY CONST FUND (ADDED PARKING)	250,000	250,000							
BOND PROCEEDS	16,200,000			16,200,000					
UTILITY OCCUPATION TAX INCREASES	733,660		500,000	233,660					
GRANT FUNDS (UNSECURED)-STREET IMPRV	-								
BUSINESS LICENSE RESERVE-STREET IMPRV	-								
TOTAL	\$ 18,513,065	\$ 1,366,205	\$ 500,000	\$ 16,646,860	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022-2030
DEBT SERVICE (REET)	5,756,400			213,200	426,400	426,400	426,400	426,400	3,837,600
DEBT SERVICE (UTILITY TAX)	6,308,820			233,660	467,320	467,320	467,320	467,320	4,205,880
	-								
TOTAL	\$ 12,065,220	-	-	\$ 446,860	\$ 893,720	\$ 893,720	\$ 893,720	\$ 893,720	\$ 8,043,480

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
NON-CAPITAL ITEM	446,860	385-900-0004-594191-4117
CAPITAL ITEM	16,200,000	385-900-0006-594191-6403
TOTAL	\$ 16,646,860	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Fire Station 71 - Replacement Station

Type of Project Waterfront		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="Yes"/>	Project # WF140004
Key # 2	Goal # 1	Strategic Leadership Plan Project? Yes		
PROJECT NAME: <input type="text" value="Fire Station 71 - Replacement Station"/>				
PROJECT ADMINISTRATION: <input type="text" value="Fire Services"/>				
PROJECT LOCATION: <input type="text" value="Between George Washington Way and Jadwin, just North of the Richland Police Department main station"/>				
PROJECT TIMELINE: <input type="text" value="2022"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

This station construction project replaces the existing headquarters fire station at 1000 George Washington Way, and locates it adjacent to the Richland Police Station.

PROJECT ASSUMPTIONS

Because this is a station replacement, no additional staffing or vehicles will be required for this project. The building site will be City owned land, just north of the Richland Police Station on George Washington Way. Funding mechanism and timing of construction will be identified by City council in conjunction with staff. The station construction project will utilize the same design-build approach that was utilized in the construction of station 74 in Southwest Richland in 2015.

BENEFITS

This project creates a modern and inviting 'public safety campus' in the downtown/waterfront district. The relocation of the fire station opens the current Station 71 property at the East end of George Washington Way for economic development in conjunction with the development opportunity for the vacated city hall site. This property is the Northeast corner of the Waterfront District and the East end of the Swift Corridor and will open the site to Private/Commercial Development to help anchor both projects. Additionally, the existing station has deteriorated due to age, and has exceeded its practical life cycle. Despite investment in the building in the last several years, costly core maintenance projects remain if the building life, as a fire station, is to be extended much beyond the next 5-7 years.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
HARD COSTS (Construction)	4,150,000								4,150,000
SOFT COSTS (Engineering, Design, Fees)	800,000								800,000
	-								-
TOTAL	\$ 4,950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,950,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
MUNICIPAL BONDS	4,950,000								4,950,000
	-								-
	-								-
TOTAL	\$ 4,950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,950,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Columbia Playfield Improvements

Type of Project Waterfront		Partnership Project? <input type="checkbox"/> YES	Waterfront Project? <input type="checkbox"/> YES	Project # WF140007
Key # 6	Goal # 3	Strategic Leadership Plan Project? <input type="checkbox"/> No		
PROJECT NAME: Columbia Playfield Improvements				
PROJECT ADMINISTRATION: Parks & Public Facilities				
PROJECT LOCATION: Columbia Playfield, central Richland; 1500 Mansfield				
PROJECT TIMELINE: 2017-2021				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> YES				

PROJECT DESCRIPTION

This existing park includes a 25 yard municipal pool, wading pool, five tournament quality softball fields, play structure, multi-purpose trails, restroom/concessions buildings and public parking. 2017 - 1) install field lighting on the 5th field, 2) install bleachers on the 5th field, and 3) install new rubber safety surfacing on 1/2 of the playground (CDBG). 2018 - install rubber surfacing on the 2nd half of the playground. 2021 replace two story restroom building

PROJECT ASSUMPTIONS

Receiving 2017 Lodging Tax grant and RCO grant.

BENEFITS

Increase tourism activity through tournaments hosted at Columbia Playfield. Provide adequate facilities for youth sports.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	1,903,958	1,001,522	39,436	513,000	50,000			300,000	
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 1,903,958	\$ 1,001,522	\$ 39,436	\$ 513,000	\$ 50,000	\$ -	\$ -	\$ 300,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RIGHT-OF-WAY SALE (SECURED)	160,000	160,000							
LODGING TAX GRANT (SECURED)	771,775	771,775							
PRIVATE FUNDING	50,000	50,000							
LODGING TAX GRANT	284,183	19,747	39,436	225,000					
RCO GRANT	225,000			225,000					
RE EXCISE TAX 1ST 1/4%	300,000							300,000	
CDBG GRANT	113,000			63,000	50,000				
TOTAL	\$ 1,903,958	\$ 1,001,522	\$ 300,000	\$ 513,000	\$ 50,000	\$ -	\$ -	\$ 300,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	2,000				300	350	400	450	500
	-								
	-								
TOTAL	\$ 2,000	-	-	\$ -	\$ 300	\$ 350	\$ 400	\$ 450	\$ 500

FOR FINANCE STAFF USE ONLY		ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION	2017	CODING
CAPITAL ITEM	513,000	380-337-0066-594783-6403
TOTAL	\$ 513,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

John Dam Plaza Improvements

Type of Project Waterfront		Partnership Project? <input type="checkbox"/> YES <input type="checkbox"/>	Waterfront Project? <input type="checkbox"/> YES <input type="checkbox"/>	Project # WF140008
Key # 6	Goal # 3	Strategic Leadership Plan Project? <input type="checkbox"/> No <input type="checkbox"/>		
PROJECT NAME: John Dam Plaza Improvements				
PROJECT ADMINISTRATION: Parks & Public Facilities				
PROJECT LOCATION: John Dam Plaza, central Richland; 800 Jadwin Avenue				
PROJECT TIMELINE: 04/2015 - 12/2021				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO <input type="checkbox"/>				

PROJECT DESCRIPTION

John Dam Plaza, 3.9 acres, is the central plaza in Richland's Central Business District. Park amenities include art, restroom and the HAPO Community Stage which hosts a wide variety of performing arts venues. 2017 improve the pedestrian crossing of Jadwin Avenue. 2018-2021 construct the hardscape plaza per the approved master plan. 2022 - 2026 construct the entry features per the master plan.

PROJECT ASSUMPTIONS

Grants will be obtained.

BENEFITS

The proposed improvements will complement the City's vision to enhance the downtown and waterfront area. The annual HAPO contribution of \$30,000 will be set aside for maintenance beginning in 2017.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	2,555,894	961,463	489,431	25,000	240,000	200,000	240,000	200,000	200,000
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 2,555,894	\$ 961,463	\$ 489,431	\$ 25,000	\$ 240,000	\$ 200,000	\$ 240,000	\$ 200,000	\$ 200,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
BUSINESS LICENSE RESERVE FUND	213,894	133,894	-	-	40,000	-	40,000	-	-
LODGING TAX	600,000	211,950	388,050	-	-	-	-	-	-
RE EXCISE TAX 1ST 1/4%	1,025,000	-	-	25,000	200,000	200,000	200,000	200,000	200,000
RCO GRANT	300,000	228,619	71,381	-	-	-	-	-	-
DONATION HAPO	60,000	30,000	30,000	-	-	-	-	-	-
LTGO BOND FUND	250,000	250,000	-	-	-	-	-	-	-
UNDESIGNATED PARK RESERVE	107,000	107,000	-	-	-	-	-	-	-
TOTAL	\$ 2,555,894	\$ 961,463	\$ 489,431	\$ 25,000	\$ 240,000	\$ 200,000	\$ 240,000	\$ 200,000	\$ 200,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
PARK MAINTENANCE	19,750	-	-	-	2,750	4,500	5,500	7,000	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
TOTAL	\$ 19,750	-	-	\$ -	\$ 2,750	\$ 4,500	\$ 5,500	\$ 7,000	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	25,000	380-337-0066-594599-6403
TOTAL	\$ 25,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Shoreline Enhancement and Deferred Maintenance

Type of Project

Waterfront

Partnership Project?

YES

Waterfront Project?

YES

Project #

WF140010

Key #

5

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: Shoreline Enhancement and Deferred Maintenance

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: Columbia & Yakima River shorelines

PROJECT TIMELINE: 2017 - 2022

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

The Columbia and Yakima Rivers are a valuable economic and recreational amenity. In 2016-2019, the implementation of shoreline stabilization, tree limbing/removal, noxious weed control and shoreline enhancement and beautification. In 2020-2022, construct day use areas, road improvements and parking for kayak launching in the Wye levee area.

PROJECT ASSUMPTIONS

Shoreline Vegetation Management Plan to be negotiated with the Corps of Engineers and approved in 2016.

BENEFITS

Protect shoreline from erosion, increase appearance of shoreline, provide views of the river, provide day use areas and improve user level of comfort in the Wye levee area.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
VEGETATION & SHORELINE MAINTENANCE	240,000	1,200	58,800	30,000	30,000	30,000	30,000	30,000	30,000
CONSTRUCTION & RIVERSHORE ENHANCEMENT	-	-	-	-	-	-	-	-	-
TOTAL	\$ 240,000	\$ 1,200	\$ 58,800	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
UNDESIGNATED PARK RESERVE FUND	240,000	1,200	58,800	30,000	30,000	30,000	30,000	30,000	30,000
TOTAL	\$ 240,000	\$ 1,200	\$ 58,800	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	30,000	380-337-0066-594571-6403
TOTAL	\$ 30,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Howard Amon Park: Riverfront Trail & Beach Restoration

Type of Project Waterfront	Partnership Project? <input type="checkbox"/> NO	Waterfront Project? <input type="checkbox"/> YES	Project # WF140011
Key # 6	Goal # 3	Strategic Leadership Plan Project? <input type="checkbox"/> No	
PROJECT NAME: Howard Amon Park: Riverfront Trail & Beach Restoration			
PROJECT ADMINISTRATION: Parks & Public Facilities			
PROJECT LOCATION: Howard Amon Park			
PROJECT TIMELINE: 2015-2025			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO			

PROJECT DESCRIPTION

Reconstruct 3,400 feet of the Riverfront trail from the Hampton Inn to north Howard Amon Park. This project will include trail widening & reconstruction, trail lighting and removal & replanting of approximately 17 trees. 2016 - complete 200' of beach restoration and 300' of trail reconstruction. 2017 - complete 450' of trail reconstruction. 2018- complete 700' for trail reconstruction and reconstruct & relocate basketball Ct., 2019 - complete 200' of beach restoration and 660' of trail reconstruction. 2020 - complete 480' of trail reconstruction and installation of a new wire rope climbing structure . 2021 - complete 780 feet of trail reconstruction.

PROJECT ASSUMPTIONS

Permitting will be completed by the end of 2016 and RCO grants will be obtained.

BENEFITS

This current section of the Riverfront Trail through Howard Amon Park is currently 8 feet wide. Widening the trail will ease congestion from heavy multi-use of the trail. The new trail will provide a 15 foot wide concrete cross section, trail lighting and level surface. Beach restoration will provide bank stabilization create an attractive water-based amenity for tourists and families.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	1,865,400		180,000	185,400	390,000	320,000	450,000	340,000	
	-								
	-								
	-								
TOTAL	\$ 1,865,400	\$ -	\$ 180,000	\$ 185,400	\$ 390,000	\$ 320,000	\$ 450,000	\$ 340,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4%	382,000		42,000	50,000	100,000	70,000	50,000	70,000	
BUSINESS LICENSE RESERVE FUND	258,000		48,000		60,000	50,000	50,000	50,000	
HOTEL/MOTEL - LODGING TAX	330,000		70,000	50,000	60,000	50,000	50,000	50,000	
CRIMINAL JUSTICE SALES TAX	20,000		20,000						
RCO GRANT	405,400			85,400		150,000		170,000	
UNFUNDED	470,000				170,000		300,000		
TOTAL	\$ 1,865,400	\$ -	\$ 180,000	\$ 185,400	\$ 390,000	\$ 320,000	\$ 450,000	\$ 340,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	2,100					500	500	500	600
	-								
	-								
TOTAL	\$ 2,100	-	-	\$ -	\$ -	\$ 500	\$ 500	\$ 500	\$ 600

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	185,400	380-337-0066-596793-6209
TOTAL	\$ 185,400	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Gateway Entrance Improvements

Type of Project

Waterfront

Partnership Project?

Waterfront Project?

Project #

Key #

Goal #

Strategic Leadership Plan Project?

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

The City of Richland Gateway Plan was adopted by Council in 2012. In addition, the Waterfront Plan and the Visit Tri-Cities Branding Plan will be implemented in the gateway projects. Locations include major entrances such as Leslie Road/ Amon Basin, Stevens/By-Pass Highway, GW Way/Aaron Drive, Van Giesen/ SR-240 (Stevens Triangle), Columbia Center Blvd/Fowler St. Beginning in 2017 through 2020, we anticipate significant gateway improvements for the reconfigured GW Way/Aaron Drive intersection, Vantage Highway city limit, Keene Road city limit, Columbia Park Trail city limit and the Lee Dock. \$19,000 will be used in 2016 as the City's contribution to a regional wayfinding plan.

PROJECT ASSUMPTIONS

The regional wayfinding plan will standardize directional and tourist-oriented signs across the region. Implementation of the plan will begin in 2016. Additionally, the 2015 Brooks International Waterfront Plan includes other gateway projects that could begin implementation in 2016.

BENEFITS

Improve community image in high visibility locations.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	460,311	182,137	134,174	36,000	36,000	36,000	36,000	-	-
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 460,311	\$ 182,137	\$ 134,174	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4%	278,174	-	134,174	36,000	36,000	36,000	36,000	-	-
INDUSTRIAL DEVELOPMENT FUND	182,137	182,137	-	-	-	-	-	-	-
TOTAL	\$ 460,311	\$ 182,137	\$ 134,174	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	36,000	380-337-0066-594590-6403
TOTAL	\$ 36,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Community Center Modernization

Type of Project Waterfront		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="YES"/>	Project # WF150014
Key # 6	Goal # 1	Strategic Leadership Plan Project? <i>No</i>		
PROJECT NAME: <input type="text" value="Community Center Modernization"/>				
PROJECT ADMINISTRATION: <input type="text" value="Parks & Public Facilities"/>				
PROJECT LOCATION: <input type="text" value="Community Center"/>				
PROJECT TIMELINE: <input type="text" value="2016"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="No"/>				

PROJECT DESCRIPTION

The Community Center currently has a dedicated computer lab. Computer labs were important public amenities when the facility was constructed, but access to the internet is now much more convenient and use of the lab is low. The Richland Public Library can accommodate public access to the internet and both the Library and RCC now include free public Wi-Fi. Modern recreation facilities in Washington are focusing on health and fitness. This project will convert the existing fitness room to a conference/meeting room and convert the computer lab and existing meeting room to a fitness room. This will require the removal of an existing wall between the computer lab and the meeting room. New fitness/cardio equipment will be purchased. New flooring will be placed in each room.

PROJECT ASSUMPTIONS

Richland Public Library public computers will satisfy demand for public computer access.

BENEFITS

Conversion of a little-used computer lab into fitness space will bring additional users into the facility and more fully utilize the waterfront asset.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	45,000		45,000						
TOTAL	\$ 45,000	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4%	45,000		45,000						
TOTAL	\$ 45,000	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Columbia Point Marina Park

Type of Project

Waterfront

Partnership Project?

Waterfront Project?

Project #

Key #

Goal #

Strategic Leadership Plan Project?

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

Columbia Point Marina Park is a cornerstone of the City's Waterfront. The park is adjacent to several waterfront hotels, condos and restaurants includes a marina, boat launches and a multi-use sports field. Attracting additional activity to the waterfront is an important City objective and lighting the field and improving the condition of the field will promote additional use and activity at the waterfront facility. 2016 - install field lighting. 2017 - improve playing surface conditions and replace existing boat docks on the west side of the marina.

PROJECT ASSUMPTIONS

Receive BIG TIER 1 grant.

BENEFITS

Field lights will provide additional field availability for various sports games and practices which brings additional people and activity to the waterfront. The new docks will improve the appearance of the marina and safety.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	722,846	148,846	280,000	294,000					
	-	-							
	-	-							
	-	-							
TOTAL	\$ 722,846	\$ 148,846	\$ 280,000	\$ 294,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
GRANT (YAF)	203,846	63,846	140,000						
RE EXCISE TAX 1ST 1/4%	254,000		140,000	114,000					
RCO BIG TIER 1 GRANT	180,000			180,000					
UNDESIGNATED PARK RESERVE	20,500	20,500							
PARKS RESERVE DISTRICT 2	14,500	14,500							
HOTEL/MOTEL - LODGING TAX	50,000	50,000							
TOTAL	\$ 722,846	\$ 148,846	\$ 280,000	\$ 294,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

****FOR FINANCE STAFF USE ONLY** ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE**

DESCRIPTION	2017	CODING
CAPITAL ITEM	294,000	380-337-0066-596797-6403
TOTAL	\$ 294,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Richland Public Library Makerspace

Type of Project Waterfront	Partnership Project? <input type="checkbox"/> YES	Waterfront Project? <input type="checkbox"/> YES	Project # WF150016
Key # 2	Goal # 2	Strategic Leadership Plan Project? <input type="checkbox"/> No	
PROJECT NAME:	Richland Public Library Makerspace		
PROJECT ADMINISTRATION:	Parks & Public Facilities		
PROJECT LOCATION:	Library		
PROJECT TIMELINE:	2017		
RESPONSE TO *GMA LEVEL OF SERVICE?	<input type="checkbox"/> No		

PROJECT DESCRIPTION

The Richland Public Library has a history of and continues to manage the collection and range of programs to meet the needs of the Community. One effort is to create space within the existing facility for a makerspace. Makerspaces are places for people to experiment, invent, innovate, and build items and could be compared to workshop areas in OMSI or the Pacific Science Center. WSU Tri Cities, the Port of Kennewick, Port of Benton, PNNL, Benton-Franklin COG, STEM consortium, a local private technology coworking facility (FUSE), and Richland Public Library are working together on a regional effort. The facility in RPL would be consistent with Library culture and would be "quiet, dry and clean".

PROJECT ASSUMPTIONS

Funding will come from a combination of construction reserve, Hanford contractors, and the Library Foundation.

BENEFITS

This space is part of the Libraries efforts to grow with and remain relevant to the community. The space will build on existing community resources, such as PNNL Family Engineering Program and the STEM schools. The space will build on the Library's tradition of learning and creativity.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	270,000		270,000						
	-								
	-								
TOTAL	\$ 270,000	\$ -	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
LIBRARY FOUNDATION DONATION	100,000		100,000						
LIBRARY CAPITAL RESERVE (GFUND)	170,000		170,000						
	-								
TOTAL	\$ 270,000	\$ -	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	10,600			1,200	1,400	1,600	1,800	2,200	2,400
	-								
	-								
TOTAL	\$ 10,600	-	-	\$ 1,200	\$ 1,400	\$ 1,600	\$ 1,800	\$ 2,200	\$ 2,400

Urban Greenbelt Trail

Type of Project Waterfront		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="YES"/>	Project # WF160001
Key # 6	Goal # 1	<i>Strategic Leadership Plan Project?</i> <input type="text" value="Yes"/>		
PROJECT NAME: <input type="text" value="Urban Greenbelt Trail"/>				
PROJECT ADMINISTRATION: <input type="text" value="Parks and Public Facilities"/>				
PROJECT LOCATION: <input type="text" value="Central Business District"/>				
PROJECT TIMELINE: <input type="text" value="2017"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

2017- Complete the new section of trail on the east side of Field 5 at Columbia Playfield, add a sidewalk section through the north parking lot and make sidewalk improvements at the Goethals Drive/Gilmore St intersection.

PROJECT ASSUMPTIONS

BENEFITS

This improvement will complete the UGT through Columbia Playfield, eliminate parking on the trail and provide a safer crossing at the Goethals/Gilmore intersection.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	80,000			80,000					
TOTAL	\$ 80,000	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4%	80,000			80,000					
TOTAL	\$ 80,000	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	1,280				200	220	250	280	330
TOTAL	\$ 1,280	\$ -	\$ -	\$ -	\$ 200	\$ 220	\$ 250	\$ 280	\$ 330

FOR FINANCE STAFF USE ONLY		
ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	80,000	380-337-0066-594501-6403
TOTAL	\$ 80,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Leslie Groves Park

Type of Project Waterfront		Partnership Project?	<input type="text" value="NO"/>	Waterfront Project?	<input type="text" value="YES"/>	Project # WF160002
Key # 6	Goal # 1	<i>Strategic Leadership Plan Project?</i>		<i>No</i>		
PROJECT NAME: <input style="width: 90%;" type="text" value="Leslie Groves Park"/>						
PROJECT ADMINISTRATION: <input style="width: 90%;" type="text" value="Parks and Public Facilities"/>						
PROJECT LOCATION: <input style="width: 90%;" type="text" value="Leslie Groves Park, Park Street entrance"/>						
PROJECT TIMELINE: <input style="width: 20%;" type="text" value="2018"/>						
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>						

PROJECT DESCRIPTION

2018 - Improve swim and sand volleyball beach areas. Remove grass, weeds etc. and place new beach sand. In addition remove the existing jersey barrier retaining wall along the swim beach and replace with a stepped wall to provide better beach access and aesthetics. Install an outdoor shower.

PROJECT ASSUMPTIONS

The public use of Leslie Groves Park, and in particular the groomed beach and sand volleyball facility, is increasing and warrants facility improvements.

BENEFITS

The swim area at Leslie Groves Park is very popular and is in need of some improvements to maintain it as an attractive area on the waterfront for outdoor recreational activities.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	120,000	-	-	-	120,000	-	-	-	-
TOTAL	\$ 120,000	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4%	120,000	-	-	-	120,000	-	-	-	-
TOTAL	\$ 120,000	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Columbia Point Golf Course Clubhouse Food & Beverage

Type of Project Waterfront		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="YES"/>	Project # WF160003
Key # 6	Goal # 1	<i>Strategic Leadership Plan Project?</i> <input type="text" value="Yes"/>		
PROJECT NAME: <input type="text" value="Columbia Point Golf Course Clubhouse Food & Beverage"/>				
PROJECT ADMINISTRATION: <input type="text" value="Parks and Public Facilities"/>				
PROJECT LOCATION: <input type="text" value="Columbia Point Golf Course"/>				
PROJECT TIMELINE: <input type="text" value="2017"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

The 10-year management agreement with the Columbia Point Golf Course operator includes a required contribution of \$75,000 from the operator, or up to \$100,000 if the City provides a matching \$100,000. Enhanced food and beverage sales will improve the profitability of the golf course. Additional improvements outside the kitchen and dining room will include bathroom renewal (urinals, dividers, flooring fixtures), painting, weatherproofing, customer seating, exterior lighting, and parking lot seal and striping. Minor course improvements includes tree maintenance and rebuilding of several sand bunkers. All items in this project are "capital projects" as defined in the operating agreement with CourseCo and outside the normal maintenance obligations of the operator.

PROJECT ASSUMPTIONS

Enhancements will be made in various locations in the clubhouse and on the course in an effort to maintain a high standard of quality at the facility and to improve profitability in the food and beverage segment of the business.

BENEFITS

Enhanced food and beverage sales will reduce the likelihood of city subsidy of golf course operations.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
FOOD AND BEVERAGE ENHANCEMENTS	266,000			266,000					
OTHER CLUBHOUSE IMPROVEMENTS - PARKING LOT SEAL AND STRIPE	-								
BUNKER REBUILDING/TREE MAINTENANCE	-								
TOTAL	\$ 266,000	\$ -	\$ -	\$ 266,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
RE EXCISE TAX 1ST 1/4% DONATION (PRIVATE - COURSECO.)	166,000			166,000					
	100,000			100,000					
	-								
	-								
TOTAL	\$ 266,000	\$ -	\$ -	\$ 266,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING
CAPITAL ITEM	266,000	406-336-0006-576680-6417
TOTAL	\$ 266,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE

Wye Park Improvements

Type of Project Waterfront		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="YES"/>	Project # WF160004
Key # 6	Goal # 1	Strategic Leadership Plan Project? <input type="text" value="Yes"/>		
PROJECT NAME: <input type="text" value="Wye Park Improvements"/>				
PROJECT ADMINISTRATION: <input type="text" value="Parks and Public Facilities"/>				
PROJECT LOCATION: <input type="text" value="Richland Wye"/>				
PROJECT TIMELINE: <input type="text" value="2017"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

2017- Install new chain link fence along Columbia Park Trail and the north side of the park along the steep slope.

PROJECT ASSUMPTIONS

BENEFITS

This project will improve park safety and appearance.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CONSTRUCTION	58,604			58,604					
TOTAL	\$ 58,604	\$ -	\$ -	\$ 58,604	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/15	Authorized Budget Remaining in 2016	2017	2018	2019	2020	2021	2022
CDBG GRANT	58,604			58,604					
TOTAL	\$ 58,604	\$ -	\$ -	\$ 58,604	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2017	2018	2019	2020	2021	2022
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY			ALL 2017 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE		
DESCRIPTION	2017	CODING			
CAPITAL ITEM	58,604	380-337-0066-596803-6403			
TOTAL	\$ 58,604	TOTAL MUST EQUAL PROJECT COSTS FOR 2017 ABOVE			