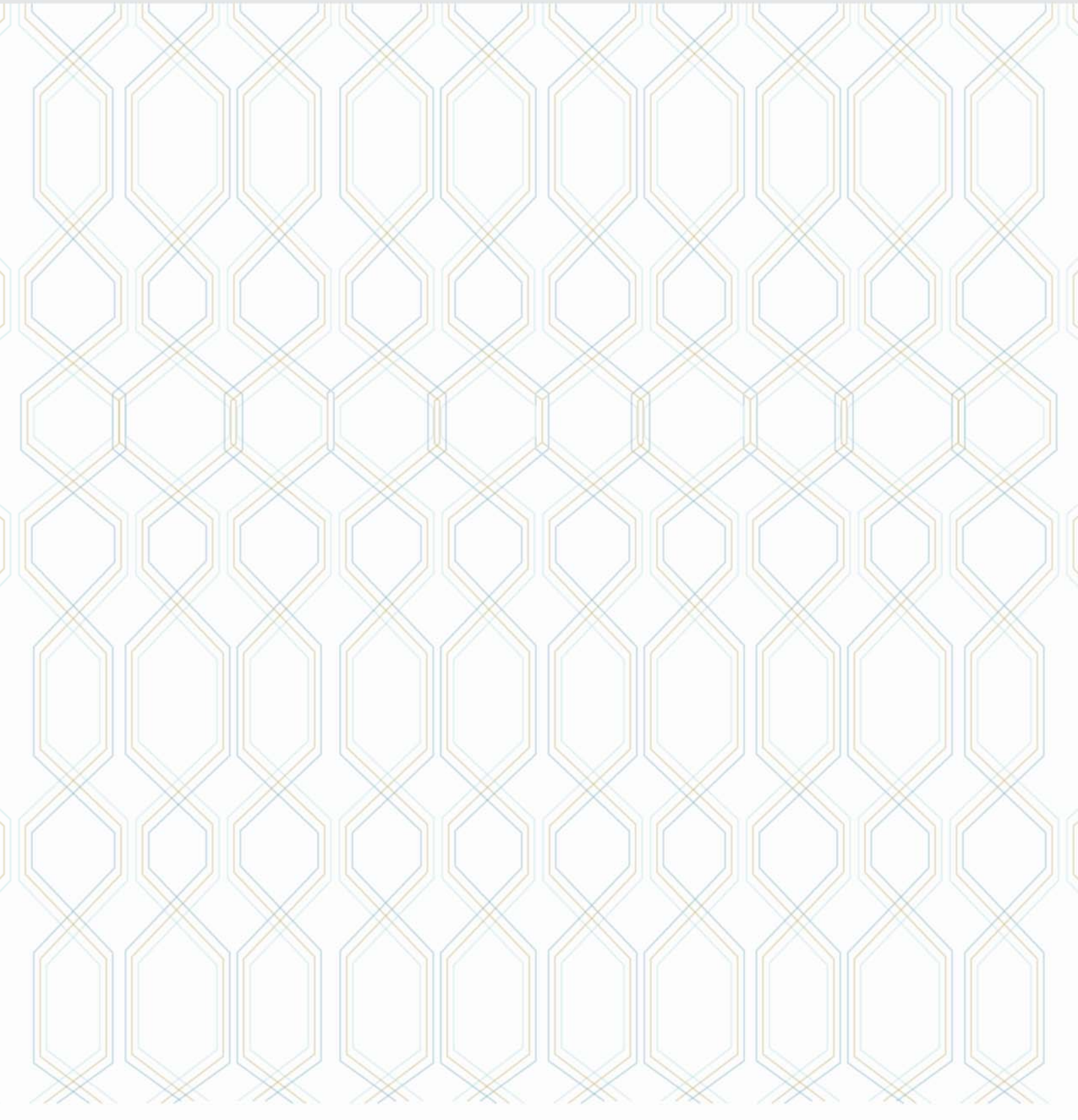


CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

PREPARED BY ADMINISTRATIVE SERVICES DEPARTMENT JANUARY 2, 2015



**CAPITAL IMPROVEMENT PLAN
FOR YEARS: 2015 - 2030
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Plan Overview

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

CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT 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 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 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 One-Time funding to CIP Projects based on the availability of additional reserves.

Capital Improvement Fund (REET 1st/2nd ¼%) accounts for proceeds from the ½ of 1% Real Estate Excise Tax assessed on the sale of real property in Richland. REET 1st ¼% is restricted for acquisition and development. REET 2nd ¼% can only be used for development and rehabilitation. 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 is temporary and will expire December 31, 2016.

Facilities Fees represent the full upfront cost charged to developers for the extension of electric, water and wastewater services to new properties or developments. These facility fees 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.

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

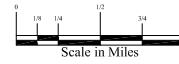


Project Costs and Funding Sources

Table with 21 columns: Department, Project #, 2015 Project Costs, CDBG Funds, Criminal Justice Fund, Donations, Electric Fund - Rate/Facility Fees/Revenue Bond Issue, General Fund, Grant (Secured & Unsecured), Line of Credit, Medical Services Fund, Parks Reserve Fund (Designated & Undesignated), REET-RE Excise Tax 1st 1/4%, REET-RE Excise Tax 2nd 1/4%, Richland School District, Solid Waste Fund - RSV For Closure - Rate Revenue, Stormwater Fund, Unfunded, Wastewater Fund - Rate Revenue, Water Fund - Rate Revenue - Irrigation Utility Rate - Facility Fees, TOTAL FUNDING SOURCES. Rows include Electric, Municipal, Parks, Solid Waste, Stormwater, Transportation, Wastewater, Water, and Waterfront categories.

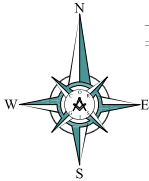
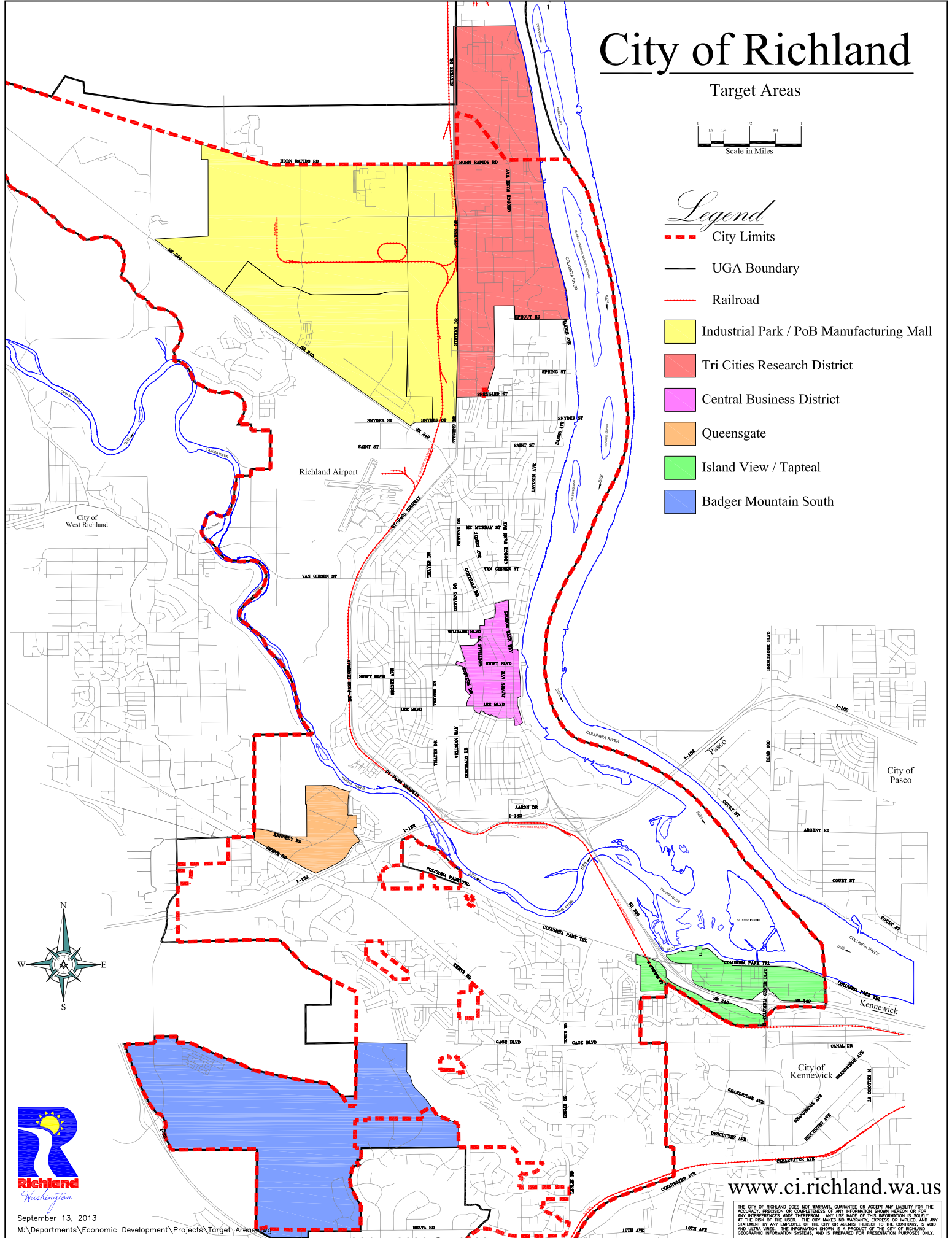
City of Richland

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





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



Project Summaries

- All Project Costs by Year
- Total Projects Cost by Year and Key
- Summary – Project Costs by Department/Year
- Detail – Project Costs by Department/Year



Capital Improvement Plan

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2015 through 2030 (\$ To-Date Costs and Budget Remaining not included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
2015					
SE Richland Substation (formerly Rachel Road Substation)	Electric	ES130004	2	1	\$2,725,000
Smart Grid / Advanced Metering Infrastructure	Electric	ES130005	1	4	\$300,000
Line Extensions	Electric	ES130008	2	1	\$800,000
Purchase Southwest Service Area Infrastructure	Electric	ES130009	2	1	\$250,000
Renewals and Replacements	Electric	ES130010	2	2	\$2,004,000
Systems Improvements	Electric	ES130011	2	1	\$2,844,000
Animal Control Shelter	Municipal	MN130001	2	1	\$1,141,000
Revitalization Area for Industry, Science & Education (RAISE),	Municipal	MN130010	3	5	\$2,302,269
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,136,700
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Hanford Legacy Park	Parks	PR130003	6	3	\$575,685
Barth Park	Parks	PR130006	6	3	\$60,000
Drollinger Park	Parks	PR130007	6	3	\$44,000
Gala Park	Parks	PR130012	6	3	\$30,000
Tree Replacement and Deferred Maintenance	Parks	PR130016	6	3	\$20,000
North Richland Off Leash Dog Park	Parks	PR140018	6	3	\$50,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$250,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$100,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$100,000
Landfill Cell Permitting, formerly Landfill Cell	Solid Waste	SW130001	5	2	\$40,000
Disposal Capacity Improvements, formerly Landfill Cell	Solid Waste	SW130002	5	2	\$300,000
Landfill Closure, Phase 2	Solid Waste	SW130003	2	1	\$62,000
Landfill Facility Improvements	Solid Waste	SW130004	2	2	\$75,000
Transfer Station Improvements	Solid Waste	SW140006	2	4	\$11,000
Center Parkway Construction	Transportation	TR130002	2	1	\$500,000
City-Wide Annual Overlay-Arterial & Local Pavement Mgmt	Transportation	TR130003	2	2	\$1,200,000
City-wide Sidewalk Repairs Program	Transportation	TR130004	2	2	\$10,000
Duportail Street Extension	Transportation	TR130005	2	2	\$1,740,000
Duportail Street Reconstruction	Transportation	TR130006	2	1	\$1,353,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$240,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$100,000

2015 - 2030 Capital Improvement Plan



Capital Improvement Plan

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2015 through 2030 (\$ To-Date Costs and Budget Remaining not included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
New South Richland Well Water Source	Water	WA130004	5	3	\$1,000,000
Water Treatment Pumping & Stg Facilities Renewal & Replc	Water	WA130007	2	2	\$760,000
Jason Lee Elementary School Irrigation Well	Water	WA140009	5	3	\$150,000
Waterfront Redevelopment Planning Study	Waterfront	WF140001	4	1	\$200,000
Waterfront Master Plan	Waterfront	WF140002	3	1	\$100,000
Columbia Playfield Improvements	Waterfront	WF140007	6	3	\$50,000
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$556,760
Park, Facility & Trail Signage	Waterfront	WF140009	6	3	\$25,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Gateway Entrance Improvements	Waterfront	WF140012	6	2	\$36,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$530,000
South Richland Utility LID (formerly Reata LID Oversizing)	Wastewater	WW130004	2	2	\$6,519,410
Solids Upgrade	Wastewater	WW130005	2	2	\$1,000,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$370,000

2015 Total: \$32,190,824

2016

SE Richland Substation (formerly Rachel Road Substation)	Electric	ES130004	2	1	\$5,024,000
Smart Grid / Advanced Metering Infrastructure	Electric	ES130005	1	4	\$300,000
Electrical Substation Improvements	Electric	ES130007	2	1	\$1,431,000
Line Extensions	Electric	ES130008	2	1	\$800,000
Renewals and Replacements	Electric	ES130010	2	2	\$2,090,000
Systems Improvements	Electric	ES130011	2	1	\$1,217,000
Fire Station 73 - Replacement Station	Municipal	MN130005	2	1	\$3,955,739
Revitalization Area for Industry, Science & Education (RAISE),	Municipal	MN130010	3	5	\$1,814,882
City View & Truman Avenue Extension	Municipal	MN140015	4	1	\$900,000
Equipment Replacement Program	Municipal	MN140016	1	4	\$4,091,813
I.T. Strategic Plan	Municipal	MN140017	1	4	\$750,000
Hanford Legacy Park	Parks	PR130003	6	3	\$500,000
Barth Park	Parks	PR130006	6	3	\$40,000
Drollinger Park	Parks	PR130007	6	3	\$30,000
Tree Replacement and Deferred Maintenance	Parks	PR130016	6	3	\$20,000
North Richland Off Leash Dog Park	Parks	PR140018	6	3	\$50,000

2015 - 2030 Capital Improvement Plan



Capital Improvement Plan

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2015 through 2030 (\$ To-Date Costs and Budget Remaining not included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$250,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$100,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$125,000
Disposal Capacity Improvements, formerly Landfill Cell	Solid Waste	SW130002	5	2	\$150,000
Transfer Station Improvements	Solid Waste	SW140006	2	4	\$10,000
City-Wide Annual Overlay-Arterial & Local Pavement Mgmt	Transportation	TR130003	2	2	\$2,200,000
City-wide Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
South GWW Safety & Mobility Improvements	Transportation	TR130011	2	2	\$283,500
Swift Corridor Street Improvements	Transportation	TR130014	2	1	\$1,365,000
Vantage Highway Pathway - Phase 1	Transportation	TR130015	2	2	\$720,000
Step toe Street / Tap teal Drive Intersection Improvements	Transportation	TR140017	2	1	\$50,000
Water Treatment Plant Site Acquisition	Water	WA130001	2	1	\$510,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$250,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$170,000
New South Richland Well Water Source	Water	WA130004	5	3	\$500,000
Water Treatment Pumping & Stg Facilities Renewal & Replc	Water	WA130007	2	2	\$750,000
Swift Corridor/City Hall Replacement	Waterfront	WF140003	4	2	\$200,000
Amon Park Parking Improvements	Waterfront	WF140005	4	1	\$150,000
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$200,000
Park, Facility & Trail Signage	Waterfront	WF140009	6	3	\$25,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Howard Amon Park, Riverfront Trail	Waterfront	WF140011	6	3	\$100,000
Gateway Entrance Improvements	Waterfront	WF140012	6	2	\$36,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$400,000
South Richland Utility LID (formerly Reata LID Oversizing)	Wastewater	WW130004	2	2	\$6,519,410
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$700,000
2016 Total:					\$38,908,344

2017

Dallas Rd Substation & Major Transmission Power Lines	Electric	ES130001	2	1	\$1,248,000
Smart Grid / Advanced Metering Infrastructure	Electric	ES130005	1	4	\$1,727,000
Electrical Substation Improvements	Electric	ES130007	2	1	\$4,294,000
Line Extensions	Electric	ES130008	2	1	\$800,000



Capital Improvement Plan

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2015 through 2030 (\$ To-Date Costs and Budget Remaining not included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Renewals and Replacements	Electric	ES130010	2	2	\$1,561,000
Systems Improvements	Electric	ES130011	2	1	\$1,554,000
Fire Station 77 - Far North Richland	Municipal	MN130008	2	1	\$4,888,410
Equipment Replacement Program	Municipal	MN140016	1	4	\$2,668,157
I.T. Strategic Plan	Municipal	MN140017	1	4	\$1,875,000
Hanford Legacy Park	Parks	PR130003	6	3	\$700,000
West Village Park at Badger Mountain South	Parks	PR130005	6	3	\$250,000
Tree Replacement and Deferred Maintenance	Parks	PR130016	6	3	\$20,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$250,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$100,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$125,000
Disposal Capacity Improvements, formerly Landfill Cell	Solid Waste	SW130002	5	2	\$7,610,000
Landfill Closure, Phase 2	Solid Waste	SW130003	2	1	\$200,000
Transfer Station Improvements	Solid Waste	SW140006	2	4	\$5,000
Duportail Street Bridge - Council Strategy	Transportation	TR130001	2	1	\$1,394,438
City-Wide Annual Overlay-Arterial & Local Pavement Mgmt	Transportation	TR130003	2	2	\$2,200,000
City-wide Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
South GWW Safety & Mobility Improvements	Transportation	TR130011	2	2	\$6,816,500
Steptoe Street / Tapteal Drive Intersection Improvements	Transportation	TR140017	2	1	\$1,330,000
Queensgate Drive Extension	Transportation	TR140018	2	1	\$100,000
Water Treatment Plant Site Acquisition	Water	WA130001	2	1	\$530,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$845,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$230,000
Water Treatment Pumping & Stg Facilities Renewal & Replc	Water	WA130007	2	2	\$155,000
Yakima River Crossing Pipeline Replacement	Water	WA130008	2	1	\$165,000
Swift Corridor/City Hall Replacement	Waterfront	WF140003	4	2	\$4,598,333
Amon Park Parking Improvements	Waterfront	WF140005	4	1	\$3,950,000
Black Box Studio Theater	Waterfront	WF140006	4	1	\$100,000
Park, Facility & Trail Signage	Waterfront	WF140009	6	3	\$25,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Howard Amon Park, Riverfront Trail	Waterfront	WF140011	6	3	\$108,000
Gateway Entrance Improvements	Waterfront	WF140012	6	2	\$36,000

2015 - 2030 Capital Improvement Plan



Capital Improvement Plan

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2015 through 2030 (\$ To-Date Costs and Budget Remaining not included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$720,000
Influent Upgrades	Wastewater	WW130003	2	2	\$2,000,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$380,000
2017 Total:					\$55,688,838
2018					
Dallas Rd Substation & Major Transmission Power Lines	Electric	ES130001	2	1	\$1,249,000
Smart Grid / Advanced Metering Infrastructure	Electric	ES130005	1	4	\$1,827,000
Causeway Feeder to Wye Area	Electric	ES130006	2	1	\$860,000
Electrical Substation Improvements	Electric	ES130007	2	1	\$3,409,000
Line Extensions	Electric	ES130008	2	1	\$800,000
Renewals and Replacements	Electric	ES130010	2	2	\$1,225,000
Systems Improvements	Electric	ES130011	2	1	\$3,071,000
Equipment Replacement Program	Municipal	MN140016	1	4	\$3,158,180
I.T. Strategic Plan	Municipal	MN140017	1	4	\$1,875,000
Hanford Legacy Park	Parks	PR130003	6	3	\$500,000
Tree Replacement and Deferred Maintenance	Parks	PR130016	6	3	\$20,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$250,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$100,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$125,000
Landfill Closure, Phase 2	Solid Waste	SW130003	2	1	\$3,350,000
Duportail Street Bridge - Council Strategy	Transportation	TR130001	2	1	\$33,660,000
City-Wide Annual Overlay-Arterial & Local Pavement Mgmt	Transportation	TR130003	2	2	\$2,200,000
City-wide Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
Columbia Park Trail Improvements - East	Transportation	TR140016	2	1	\$1,288,304
Queensgate Drive Extension	Transportation	TR140018	2	1	\$900,000
Rachael Road	Transportation	TR140019	2	1	\$150,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$375,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$100,000
Water Treatment Pumping & Stg Facilities Renewal & Replc	Water	WA130007	2	2	\$625,000
Yakima River Crossing Pipeline Replacement	Water	WA130008	2	1	\$2,493,301
Swift Corridor/City Hall Replacement	Waterfront	WF140003	4	2	\$8,996,667
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$180,000

2015 - 2030 Capital Improvement Plan



Capital Improvement Plan

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2015 through 2030 (\$ To-Date Costs and Budget Remaining not included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Black Box Studio Theater	Waterfront	WF140006	4	1	\$200,000
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$240,000
Park, Facility & Trail Signage	Waterfront	WF140009	6	3	\$25,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Howard Amon Park, Riverfront Trail	Waterfront	WF140011	6	3	\$150,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$500,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$600,000
2018 Total:					\$74,632,452
2019					
Dallas Rd Substation & Major Transmission Power Lines	Electric	ES130001	2	1	\$3,591,000
Smart Grid / Advanced Metering Infrastructure	Electric	ES130005	1	4	\$2,300,000
Electrical Substation Improvements	Electric	ES130007	2	1	\$653,000
Line Extensions	Electric	ES130008	2	1	\$800,000
Renewals and Replacements	Electric	ES130010	2	2	\$700,000
Systems Improvements	Electric	ES130011	2	1	\$2,957,000
Equipment Replacement Program	Municipal	MN140016	1	4	\$3,465,889
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Hanford Legacy Park	Parks	PR130003	6	3	\$700,000
Tree Replacement and Deferred Maintenance	Parks	PR130016	6	3	\$20,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$250,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$100,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$125,000
City-Wide Annual Overlay-Arterial & Local Pavement Mgmt	Transportation	TR130003	2	2	\$2,200,000
City-wide Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
Rachael Road	Transportation	TR140019	2	1	\$400,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$375,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$100,000
WTP Solids Handling Improvements	Water	WA130006	2	2	\$400,000
Water Treatment Pumping & Stg Facilities Renewal & Replc	Water	WA130007	2	2	\$625,000
Swift Corridor/City Hall Replacement	Waterfront	WF140003	4	2	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$566,642
Black Box Studio Theater	Waterfront	WF140006	4	1	\$11,750,000

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2015 through 2030 (\$ To-Date Costs and Budget Remaining not included)

All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
Park, Facility & Trail Signage	Waterfront	WF140009	6	3	\$25,000
Shoreline Enhancement and Deferred Maintenance	Waterfront	WF140010	5	3	\$30,000
Howard Amon Park, Riverfront Trail	Waterfront	WF140011	6	3	\$150,000
Gateway Entrance Improvements	Waterfront	WF140012	6	2	\$36,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$500,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$600,000
2019 Total:					\$34,519,531
2020					
Dallas Rd Substation & Major Transmission Power Lines	Electric	ES130001	2	1	\$3,079,000
Kingsgate Substation (formerly N. Richland Substation)	Electric	ES130003	2	1	\$2,118,000
SE Richland Substation (formerly Rachel Road Substation)	Electric	ES130004	2	1	\$818,000
Electrical Substation Improvements	Electric	ES130007	2	1	\$2,120,000
Line Extensions	Electric	ES130008	2	1	\$800,000
Purchase Southwest Service Area Infrastructure	Electric	ES130009	2	1	\$250,000
Renewals and Replacements	Electric	ES130010	2	2	\$2,716,000
Systems Improvements	Electric	ES130011	2	1	\$565,000
Transformer Maintenance Repair Shops	Electric	ES130012	2	1	\$600,000
Fire Station 76 - Badger South	Municipal	MN130007	2	1	\$4,452,219
Equipment Replacement Program	Municipal	MN140016	1	4	\$3,943,126
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Hanford Legacy Park	Parks	PR130003	6	3	\$500,000
Municipal Facilities Ongoing Maintenance	Parks	PR140020	2	2	\$250,000
Parks Facilities Ongoing Maintenance	Parks	PR140021	2	2	\$100,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	2	2	\$125,000
City-Wide Annual Overlay-Arterial & Local Pavement Mgmt	Transportation	TR130003	2	2	\$2,200,000
City-wide Sidewalk Repairs Program	Transportation	TR130004	2	2	\$100,000
Rachael Road	Transportation	TR140019	2	1	\$1,800,000
Vantage Highway Pathway - Phase II	Transportation	TR140020	2	1	\$720,000
Distribution System Repairs & Replacement	Water	WA130002	2	2	\$375,000
Irrigation Utility Capital Improvements	Water	WA130003	2	1	\$100,000
Water Treatment Pumping & Stg Facilities Renewal & Replc	Water	WA130007	2	2	\$625,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642

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All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
John Dam Plaza Improvements	Waterfront	WF140008	6	3	\$240,000
Howard Amon Park, Riverfront Trail	Waterfront	WF140011	6	3	\$150,000
Gateway Entrance Improvements	Waterfront	WF140012	6	2	\$36,000
Collection System Renewal & Replacement	Wastewater	WW130001	2	2	\$500,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	2	2	\$600,000
2020 Total:					\$30,648,987
2021					
Kingsgate Substation (formerly N. Richland Substation)	Electric	ES130003	2	1	\$2,863,000
Equipment Replacement Program	Municipal	MN140016	1	4	\$3,203,286
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Badger Mountain Park	Parks	PR130001	6	3	\$1,950,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2021 Total:					\$8,782,928
2022					
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,042,451
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2022 Total:					\$1,809,093
2023					
Hanford Substation	Electric	ES130002	2	1	\$4,300,000
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,324,600
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2023 Total:					\$6,391,242
2024					
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,140,000
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2024 Total:					\$1,906,642
2025					
Fire Station - Northwest	Municipal	MN130009	2	1	\$5,975,342
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,140,000

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All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2025 Total:					\$7,881,984
2026					
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,140,000
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2026 Total:					\$1,906,642
2027					
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,140,000
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2027 Total:					\$1,906,642



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All Project Costs by Year

Project Name	Department	Project #	Key #	Goal #	Project Cost
2028					
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,140,000
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2028 Total:					\$1,906,642
2029					
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,140,000
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2029 Total:					\$1,906,642
2030					
Equipment Replacement Program	Municipal	MN140016	1	4	\$1,140,000
I.T. Strategic Plan	Municipal	MN140017	1	4	\$500,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	2	1	\$266,642
2030 Total:					\$1,906,642
Report Total:					\$302,894,075

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Total Project Costs by Year and Key

Key #	Goal	Project Name	Department	Project #	Project Cost	Total Cost
2015						
1	4					\$1,936,700
2	1					\$24,684,410
3	5					\$2,402,269
4	1					\$200,000
5	3					\$1,520,000
6	3					\$1,447,445
					2015 Total:	\$32,190,824
2016						
1	4					\$5,141,813
2	1					\$29,020,649
3	5					\$1,814,882
4	1					\$1,250,000
5	2					\$680,000
6	3					\$1,001,000
					2016 Total:	\$38,908,344
2017						
1	4					\$6,270,157
2	1					\$31,991,348
4	1					\$8,648,333
5	2					\$7,640,000
6	3					\$1,139,000
					2017 Total:	\$55,688,838
2018						
1	4					\$6,860,180
2	1					\$57,610,605
4	1					\$9,196,667
5	3					\$30,000
6	3					\$935,000
					2018 Total:	\$74,632,452
2019						
1	4					\$6,265,889

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Total Project Costs by Year and Key

Key #	Goal	Project Name	Department	Project #	Project Cost	Total Cost
2	1					\$15,042,642
4	1					\$12,250,000
5	3					\$30,000
6	3					\$931,000
2019 Total:						\$34,519,531
2020						
1	4					\$4,443,126
2	1					\$25,279,861
6	3					\$926,000
2020 Total:						\$30,648,987
2021						
1	4					\$3,703,286
2	1					\$3,129,642
6	3					\$1,950,000
2021 Total:						\$8,782,928
2022						
1	4					\$1,542,451
2	1					\$266,642
2022 Total:						\$1,809,093
2023						
1	4					\$1,824,600
2	1					\$4,566,642
2023 Total:						\$6,391,242
2024						
1	4					\$1,640,000
2	1					\$266,642
2024 Total:						\$1,906,642
2025						
1	4					\$1,640,000
2	1					\$6,241,984
2025 Total:						\$7,881,984
2026						

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Total Project Costs by Year and Key

Key #	Goal	Project Name	Department	Project #	Project Cost	Total Cost
1	4					\$1,640,000
2	1					\$266,642
2026 Total:						\$1,906,642
2027						
1	4					\$1,640,000
2	1					\$266,642
2027 Total:						\$1,906,642
2028						
1	4					\$1,640,000
2	1					\$266,642
2028 Total:						\$1,906,642
2029						
1	4					\$1,640,000
2	1					\$266,642
2029 Total:						\$1,906,642
2030						
1	4					\$1,640,000
2	1					\$266,642
2030 Total:						\$1,906,642
Report Total:						\$302,894,075

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Summary - Project Costs by Department/Year

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Electric		0	5,013,000	8,923,000	10,862,000	11,184,000	12,441,000	11,001,000	20,229,000	79,653,000
Municipal		1,921,120	8,719,462	5,079,969	11,512,434	9,431,567	5,033,180	3,965,889	33,421,024	79,084,645
Parks		701,841	1,735,158	1,129,685	990,000	1,320,000	870,000	1,070,000	2,800,000	10,616,684
Solid Waste		115,065	169,935	488,000	160,000	7,815,000	3,350,000	0	0	12,098,000
Stormwater		703,697	2,328,062	100,000	125,000	125,000	125,000	125,000	125,000	3,756,759
Transportation		18,247,981	9,004,350	4,803,000	4,718,500	11,940,938	38,298,304	2,700,000	4,820,000	94,533,073
Wastewater		8,474,943	3,220,861	8,419,410	7,619,410	3,100,000	1,100,000	1,100,000	1,100,000	34,134,624
Water		29,170,836	2,481,638	2,250,000	2,180,000	1,925,000	3,593,301	1,500,000	1,100,000	44,200,775
Waterfront		572,595	1,882,953	997,760	741,000	8,847,333	9,821,667	13,057,642	3,359,062	39,280,012
	Report Total:	59,908,078	34,555,419	32,190,824	38,908,344	55,688,838	74,632,452	34,519,531	66,954,086	397,357,572

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Detail - Project Costs by Department/Year

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Electric										
Causeway Feeder to Wye Area	ES130006	0	0	0	0	0	860,000	0	0	860,000
Dallas Rd Substation & Major Transmission Power Lines	ES130001	0	0	0	0	1,248,000	1,249,000	3,591,000	3,079,000	9,167,000
Electrical Substation Improvements	ES130007	0	0	0	1,431,000	4,294,000	3,409,000	653,000	2,120,000	11,907,000
Hanford Substation	ES130002	0	0	0	0	0	0	0	4,300,000	4,300,000
Kingsgate Substation (formerly N. Richland Substation)	ES130003	0	0	0	0	0	0	0	4,981,000	4,981,000
Line Extensions	ES130008	0	800,000	800,000	800,000	800,000	800,000	800,000	800,000	5,600,000
Purchase Southwest Service Area Infrastructure	ES130009	0	0	250,000	0	0	0	0	250,000	500,000
Renewals and Replacements	ES130010	0	2,187,000	2,004,000	2,090,000	1,561,000	1,225,000	700,000	2,716,000	12,483,000
SE Richland Substation (formerly Rachel Road Substation)	ES130004	0	0	2,725,000	5,024,000	0	0	0	818,000	8,567,000
Smart Grid / Advanced Metering Infrastructure	ES130005	0	100,000	300,000	300,000	1,727,000	1,827,000	2,300,000	0	6,554,000
Systems Improvements	ES130011	0	1,926,000	2,844,000	1,217,000	1,554,000	3,071,000	2,957,000	565,000	14,134,000
Transformer Maintenance Repair Shops	ES130012	0	0	0	0	0	0	0	600,000	600,000
	Electric Total:	0	5,013,000	8,923,000	10,862,000	11,184,000	12,441,000	11,001,000	20,229,000	79,653,000
Municipal										
Animal Control Shelter	MN130001	0	100,000	1,141,000	0	0	0	0	0	1,241,000
City View & Truman Avenue Extension	MN140015	0	0	0	900,000	0	0	0	0	900,000
Equipment Replacement Program	MN140016	0	0	1,136,700	4,091,813	2,668,157	3,158,180	3,465,889	17,493,463	32,014,202
Fire Station - Northwest	MN130009	0	0	0	0	0	0	0	5,975,342	5,975,342
Fire Station 73 - Replacement Station	MN130005	0	0	0	3,955,739	0	0	0	0	3,955,739
Fire Station 74	MN130006	46,748	3,493,775	0	0	0	0	0	0	3,540,523
Fire Station 76 - Badger South	MN130007	0	0	0	0	0	0	0	4,452,219	4,452,219
Fire Station 77 - Far North Richland	MN130008	0	0	0	0	4,888,410	0	0	0	4,888,410
I.T. Strategic Plan	MN140017	0	0	500,000	750,000	1,875,000	1,875,000	500,000	5,500,000	11,000,000
Revitalization Area for Industry, Science & Education	MN130010	1,874,372	5,125,687	2,302,269	1,814,882	0	0	0	0	11,117,210
	Municipal Total:	1,921,120	8,719,462	5,079,969	11,512,434	9,431,567	5,033,180	3,965,889	33,421,024	79,084,645
Parks										
Badger Mountain Park	PR130001	0	0	0	0	0	0	0	1,950,000	1,950,000
Barth Park	PR130006	0	60,000	60,000	40,000	0	0	0	0	160,000
Drollinger Park	PR130007	0	16,000	44,000	30,000	0	0	0	0	90,000
Gala Park	PR130012	205,886	75,000	30,000	0	0	0	0	0	310,886
Hanford Legacy Park	PR130003	266,708	480,833	575,685	500,000	700,000	500,000	700,000	500,000	4,223,226
Heritage Hills Park	PR130009	0	40,000	0	0	0	0	0	0	40,000
Keene Road Trail Landscaping	PR130010	193,247	99,000	0	0	0	0	0	0	292,247

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Detail - Project Costs by Department/Year

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Municipal Facilities Deferred Maintenance	PR130011	0	579,200	0	0	0	0	0	0	579,200
Municipal Facilities Ongoing Maintenance	PR140020	0	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
North Richland Off Leash Dog Park	PR140018	0	0	50,000	50,000	0	0	0	0	100,000
Parks Facilities Deferred Maintenance	PR130014	36,000	365,125	0	0	0	0	0	0	401,125
Parks Facilities Ongoing Maintenance	PR140021	0	0	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Tree Replacement and Deferred Maintenance	PR130016	0	20,000	20,000	20,000	20,000	20,000	20,000	0	120,000
West Village Park at Badger Mountain South	PR130005	0	0	0	0	250,000	0	0	0	250,000
Parks Total:		701,841	1,735,158	1,129,685	990,000	1,320,000	870,000	1,070,000	2,800,000	10,616,684
Solid Waste										
Disposal Capacity Improvements, formerly Landfill Cell	SW130002	0	0	300,000	150,000	7,610,000	0	0	0	8,060,000
Landfill Cell Permitting, formerly Landfill Cell	SW130001	115,065	119,935	40,000	0	0	0	0	0	275,000
Landfill Closure, Phase 2	SW130003	0	0	62,000	0	200,000	3,350,000	0	0	3,612,000
Landfill Facility Improvements	SW130004	0	30,000	75,000	0	0	0	0	0	105,000
Transfer Station Improvements	SW140006	0	20,000	11,000	10,000	5,000	0	0	0	46,000
Solid Waste Total:		115,065	169,935	488,000	160,000	7,815,000	3,350,000	0	0	12,098,000
Stormwater										
Canyon Terrace Stormwater Treatment Project	ST130002	3,025	278,309	0	0	0	0	0	0	281,334
Decant Facility Upgrades	ST130003	0	625,000	0	0	0	0	0	0	625,000
General Stormwater Plan	ST130004	0	150,000	0	0	0	0	0	0	150,000
Leslie Grove Park Regional Infiltration Facility	ST130005	8,213	257,121	0	0	0	0	0	0	265,334
Stormwater Rehabilitation & Replacement	ST130001	660,582	254,509	100,000	125,000	125,000	125,000	125,000	125,000	1,640,091
Stormwater Water Quality Retrofit Program	ST130006	31,877	763,123	0	0	0	0	0	0	795,000
Stormwater Total:		703,697	2,328,062	100,000	125,000	125,000	125,000	125,000	125,000	3,756,759
Transportation										
Center Parkway Construction	TR130002	2,592,490	2,378,788	500,000	0	0	0	0	0	5,471,278
City-Wide Annual Overlay-Arterial & Local Pavement Mgmt	TR130003	13,212,401	1,200,000	1,200,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	26,612,401
City-wide Sidewalk Repairs Program	TR130004	126,974	33,852	10,000	100,000	100,000	100,000	100,000	100,000	670,826
Columbia Park Trail Improvements - East	TR140016	0	0	0	0	0	1,288,304	0	0	1,288,304
Duportail Street Bridge - Council Strategy	TR130001	2,088,547	1,374,265	0	0	1,394,438	33,660,000	0	0	38,517,250
Duportail Street Extension	TR130005	0	450,000	1,740,000	0	0	0	0	0	2,190,000
Duportail Street Reconstruction	TR130006	0	225,000	1,353,000	0	0	0	0	0	1,578,000
Queensgate Drive Extension	TR140018	0	51,150	0	0	100,000	900,000	0	0	1,051,150
Queensgate Pathway	TR130008	0	125,470	0	0	0	0	0	0	125,470
Rachael Road	TR140019	0	0	0	0	0	150,000	400,000	1,800,000	2,350,000

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Detail - Project Costs by Department/Year

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
South GWW Safety & Mobility Improvements	TR130011	26,924	529,576	0	283,500	6,816,500	0	0	0	7,656,500
Steptoe Street / Taptal Drive Intersection Improvements	TR140017	0	0	0	50,000	1,330,000	0	0	0	1,380,000
Stevens Drive South Extension	TR130013	200,645	2,636,249	0	0	0	0	0	0	2,836,894
Swift Corridor Street Improvements	TR130014	0	0	0	1,365,000	0	0	0	0	1,365,000
Vantage Highway Pathway - Phase 1	TR130015	0	0	0	720,000	0	0	0	0	720,000
Vantage Highway Pathway - Phase II	TR140020	0	0	0	0	0	0	0	720,000	720,000
Transportation Total:		18,247,981	9,004,350	4,803,000	4,718,500	11,940,938	38,298,304	2,700,000	4,820,000	94,533,073
Wastewater										
Collection System Renewal & Replacement	WW130001	7,446,932	602,041	530,000	400,000	720,000	500,000	500,000	500,000	11,198,973
General Wastewater Plan	WW130002	0	222,618	0	0	0	0	0	0	222,618
Influent Upgrades	WW130003	0	0	0	0	2,000,000	0	0	0	2,000,000
Solids Upgrade	WW130005	0	1,800,000	1,000,000	0	0	0	0	0	2,800,000
South Richland Utility LID (formerly Reata LID Oversizing)	WW130004	0	0	6,519,410	6,519,410	0	0	0	0	13,038,820
Wastewater Treatment Facility Renewal & Replacement	WW130006	1,028,011	596,202	370,000	700,000	380,000	600,000	600,000	600,000	4,874,213
Wastewater Total:		8,474,943	3,220,861	8,419,410	7,619,410	3,100,000	1,100,000	1,100,000	1,100,000	34,134,624
Water										
Distribution System Repairs & Replacement	WA130002	28,034,447	927,772	240,000	250,000	845,000	375,000	375,000	375,000	31,422,219
Irrigation Utility Capital Improvements	WA130003	789,760	549,444	100,000	170,000	230,000	100,000	100,000	100,000	2,139,204
Jason Lee Elementary School Irrigation Well	WA140009	0	0	150,000	0	0	0	0	0	150,000
New South Richland Well Water Source	WA130004	52,700	144,500	1,000,000	500,000	0	0	0	0	1,697,200
Water Treatment Plant Site Acquisition	WA130001	0	120,000	0	510,000	530,000	0	0	0	1,160,000
Water Treatment Pumping & Stg Facilities Renewal & Replc	WA130007	293,929	729,922	760,000	750,000	155,000	625,000	625,000	625,000	4,563,851
WTP Solids Handling Improvements	WA130006	0	0	0	0	0	0	400,000	0	400,000
Yakima River Crossing Pipeline Replacement	WA130008	0	10,000	0	0	165,000	2,493,301	0	0	2,668,301
Water Total:		29,170,836	2,481,638	2,250,000	2,180,000	1,925,000	3,593,301	1,500,000	1,100,000	44,200,775
Waterfront										
Amon Park Parking Improvements	WF140005	0	0	0	150,000	3,950,000	0	0	0	4,100,000
Black Box Studio Theater	WF140006	0	0	0	0	100,000	200,000	11,750,000	0	12,050,000
Columbia Playfield Improvements	WF140007	4,711	727,064	50,000	0	0	0	0	0	781,775
Fire Station 71 - Replacement Station	WF140004	0	0	0	0	0	180,000	566,642	2,933,062	3,679,704
Gateway Entrance Improvements	WF140012	121,736	131,264	36,000	36,000	36,000	0	36,000	36,000	433,000
Howard Amon Park, Riverfront Trail	WF140011	0	0	0	100,000	108,000	150,000	150,000	150,000	658,000
John Dam Plaza Improvements	WF140008	266,092	0	556,760	200,000	0	240,000	0	240,000	1,502,852
Park, Facility & Trail Signage	WF140009	20,000	25,000	25,000	25,000	25,000	25,000	25,000	0	170,000

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Detail - Project Costs by Department/Year

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Shoreline Enhancement and Deferred Maintenance	WF140010	0	30,000	30,000	30,000	30,000	30,000	30,000	0	180,000
Swift Corridor/City Hall Replacement	WF140003	160,056	969,625	0	200,000	4,598,333	8,996,667	500,000	0	15,424,681
Waterfront Master Plan	WF140002	0	0	100,000	0	0	0	0	0	100,000
Waterfront Redevelopment Planning Study	WF140001	0	0	200,000	0	0	0	0	0	200,000
Waterfront Total:		572,595	1,882,953	997,760	741,000	8,847,333	9,821,667	13,057,642	3,359,062	39,280,012
Report Total:		59,908,078	34,555,419	32,190,824	38,908,344	55,688,838	74,632,452	34,519,531	66,954,086	397,357,572

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Funding Source Summaries

- Summary – Funding Sources by Department/Year
- Summary – List of Funding Sources by Year



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Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Electric										
Bond Proceeds-Debt Service Paid		0	0	0	0	0	0	0	2,500,000	2,500,000
Electric Rate Revenue		0	3,100,000	5,598,000	3,971,000	4,609,000	5,990,000	5,410,000	6,974,000	35,652,000
Facility Fees		0	400,000	700,000	800,000	700,000	700,000	900,000	3,200,000	7,400,000
Grant		0	0	0	0	1,000,000	0	0	0	1,000,000
Revenue Bond Issue		0	1,513,000	2,625,000	6,091,000	4,875,000	5,751,000	4,691,000	7,555,000	33,101,000
Electric Total:		0	5,013,000	8,923,000	10,862,000	11,184,000	12,441,000	11,001,000	20,229,000	79,653,000
Municipal										
Bond Issue (as yet funded)		0	3,482,897	0	0	0	0	0	0	3,482,897
Criminal Justice Fund		0	0	174,000	0	0	0	194,880	184,600	553,480
Donations		0	0	0	3,955,739	4,888,410	0	0	0	8,844,149
Electric Fund		0	0	97,800	574,062	737,731	1,062,428	727,710	3,651,748	6,851,479
Equipment Maint Fund (GF)		0	0	0	0	133,357	81,753	0	0	215,110
Fire Equipment Reserve		25,356	7,283	0	0	0	0	0	0	32,639
General Fund		0	100,000	698,800	1,993,207	1,604,899	1,456,050	1,097,127	9,403,370	16,353,453
General Obligation Bond Proceeds		11,117,210	0	0	0	0	0	0	0	11,117,210
Industrial Development Fund		0	0	0	330,000	0	0	0	0	330,000
Medical Service Fund Increase Rate		0	0	0	0	0	0	0	0	0
Medical Services Fund		0	0	5,100	12,750	31,875	31,875	8,500	93,500	183,600
Private Funding		0	0	0	570,000	0	0	0	0	570,000
PW Admin & Engineering		0	0	0	0	0	108,237	0	348,523	456,760
REET-RE Excise Tax 1st 1/4%		21,392	3,595	0	0	0	0	0	0	24,987
Solid Waste Fund		0	0	329,600	1,082,321	1,231,725	1,346,875	757,500	4,758,063	9,506,084
Stormwater Fund		0	0	5,400	223,857	33,750	33,750	250,044	282,744	829,545
Streets Fund (GF)		0	0	0	16,377	149,426	48,911	498,798	837,254	1,550,766
Unfunded		0	0	1,341,000	0	0	0	0	10,427,561	11,768,561
Unutilized Electric Utility Tax		0	0	0	0	0	0	0	0	0
Wastewater Fund		0	0	51,800	769,858	193,740	415,736	261,791	1,541,873	3,234,798
Water Fund		0	0	74,200	169,381	426,654	447,565	169,539	1,891,788	3,179,127
Municipal Total:		11,163,958	3,593,775	2,777,700	9,697,552	9,431,567	5,033,180	3,965,889	33,421,024	79,084,645
Parks										
CDBG Funds		0	60,000	60,000	40,000	0	0	0	0	160,000
Donations		0	47,000	25,000	25,000	0	0	0	0	97,000
Electric Fund		0	0	84,250	84,250	84,250	84,250	84,250	84,250	505,500

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Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
General Fund		0	808,700	161,500	101,500	101,500	101,500	101,500	101,500	1,477,700
Grant		0	123,625	500,000	0	500,000	0	500,000	500,000	2,123,625
Hotel/Motel-Lodging Funds		256,708	480,833	0	500,000	0	500,000	0	500,000	2,237,541
Land Sales		0	30,000	0	0	0	0	0	0	30,000
Parks Reserve Fund		0	0	0	0	0	0	0	200,000	200,000
Parks Reserve Fund (Undesignated)		181,000	20,000	54,000	25,000	0	0	0	0	280,000
Parks Reserve-Park District 3		14,500	16,000	15,000	30,000	0	0	0	0	75,500
Parks Reserve-Park District 4		0	0	0	0	250,000	0	0	0	250,000
Parks Reserve-Park District 5		223,633	75,000	30,000	0	0	0	0	200,000	528,633
REET-RE Excise Tax 1st 1/4%		25,000	45,000	75,685	0	220,000	20,000	220,000	0	605,685
Solid Waste Fund		0	0	6,250	6,250	6,250	6,250	6,250	6,250	37,500
Stormwater Fund		0	0	4,500	4,500	4,500	4,500	4,500	4,500	27,000
Sundance Ridge HOA		0	10,000	0	0	0	0	0	0	10,000
Unfunded		0	0	60,000	120,000	100,000	100,000	100,000	1,150,000	1,630,000
Wastewater Fund		0	0	21,500	21,500	21,500	21,500	21,500	21,500	129,000
Water Fund		0	0	32,000	32,000	32,000	32,000	32,000	32,000	192,000
WCIA Insurance Settlement Pmt		0	20,000	0	0	0	0	0	0	20,000
Parks Total:		700,841	1,736,158	1,129,685	990,000	1,320,000	870,000	1,070,000	2,800,000	10,616,684
Solid Waste										
Revenue Bond Issue		0	0	0	150,000	7,610,000	0	0	0	7,760,000
Solid Waste Fund (Rsv for closure)		0	0	62,000	0	200,000	3,350,000	0	0	3,612,000
Solid Waste Rate Revenue		115,065	169,935	426,000	10,000	5,000	0	0	0	726,000
Solid Waste Total:		115,065	1,669,935	488,000	160,000	7,815,000	3,350,000	0	0	12,098,000
Stormwater										
Grant		36,200	1,393,800	0	0	0	0	0	0	1,430,000
Loan - WA State Dept of Ecology		0	400,000	0	0	0	0	0	0	400,000
Stormwater Rate Revenue		667,497	534,262	100,000	125,000	125,000	125,000	125,000	125,000	1,926,759
Stormwater Total:		703,697	2,328,062	100,000	125,000	125,000	125,000	125,000	125,000	3,756,759
Transportation										
2013 BFCOG STP Funding Dist		0	1,056,000	0	0	0	0	0	0	1,056,000
2014-2015 BFCOG STP Funding Dist		0	0	0	0	1,115,550	2,022,888	0	0	3,138,438
Business License Reserve Fund		0	0	0	150,000	25,000	25,000	25,000	25,000	250,000
CDBG Funds		0	0	0	65,000	65,000	65,000	65,000	65,000	325,000
City of Kennewick (RR Negotiation)		1,070,278	0	0	0	0	0	0	0	1,070,278

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Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Developer Contribution (ROW)		0	136,000	0	0	0	0	0	0	136,000
Federal Appropriation (2013 Budget)		222,790	102,593	0	0	0	0	0	0	325,383
General Fund		739,520	275,000	827,943	0	0	0	0	0	1,842,463
General Fund (in Lieu of PWTF Debt Svc)		251,250	0	0	0	0	0	0	0	251,250
Grant		642,801	3,895,169	2,565,440	0	0	16,500,000	0	0	23,603,410
Grant - STP - Urban		524,990	0	0	0	0	0	0	0	524,990
Grant Funds (Unsecured)		0	0	4,550,000	5,020,000	20,000	1,132,383	0	680,000	11,402,383
Impact Fees		0	51,150	0	0	80,000	1,032,000	400,000	1,800,000	3,363,150
Industrial Development Fund		500,000	0	0	0	0	0	0	0	500,000
Land Sales		0	11,894	0	0	0	0	0	0	11,894
LTGO 98 Fund		500,578	214,422	0	0	0	0	0	0	715,000
Private Investment		0	0	0	50,000	1,330,000	0	0	0	1,380,000
Public Works Trust Fund Loan		750,000	0	0	0	0	0	0	0	750,000
REET-RE Excise Tax 1st 1/4%		660,454	105,372	285,480	40,000	110,000	173,921	0	40,000	1,415,227
REET-RE Excise Tax 2nd 1/4%		2,685,064	399,500	402,080	310,000	300,000	310,000	310,000	310,000	5,026,644
Revenue Bonds - Debt Service by TBD Fee		0	0	0	0	278,888	15,137,112	0	0	15,416,000
STP Fund (Secured-COG)		0	1,856,000	0	0	0	0	0	0	1,856,000
Street Fund - Fuel Tax		1,605,248	203,000	0	203,000	203,000	203,000	203,000	203,000	2,823,248
Street Fund - Utility Charges		2,460,017	204,000	0	204,000	204,000	204,000	204,000	204,000	3,684,017
Street Fund - Utility Occupation Tax		5,636,241	493,000	0	493,000	493,000	493,000	493,000	493,000	8,594,241
Unfunded		0	0	72,057	600,000	600,000	600,000	600,000	600,000	3,072,057
Unfunded (Gas tax)		0	0	0	400,000	400,000	400,000	400,000	400,000	2,000,000
Transportation Total:		18,249,231	9,003,100	8,703,000	7,535,000	5,224,438	38,298,304	2,700,000	4,820,000	94,533,073
Wastewater										
Facility Fees		0	1,122,618	500,000	0	1,000,000	0	0	0	2,622,618
Line of Credit		0	0	6,519,410	6,519,410	0	0	0	0	13,038,820
Wastewater Rate Revenue		8,474,943	2,098,243	1,400,000	1,100,000	2,100,000	1,100,000	1,100,000	1,100,000	18,473,186
Wastewater Total:		8,474,943	3,220,861	8,419,410	7,619,410	3,100,000	1,100,000	1,100,000	1,100,000	34,134,624
Water										
City of Kennewick		0	0	0	200,000	220,000	0	0	0	420,000
City of West Richland		0	0	0	110,000	110,000	0	0	0	220,000
Facility Fees		87,700	264,500	1,025,000	700,000	365,000	167,500	0	0	2,609,700
General Fund		0	10,000	0	0	0	0	0	0	10,000
Grant		503,000	0	0	0	0	0	0	0	503,000

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Summary - Funding Sources by Department/Year

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Grant Funds (Unsecured)		0	0	0	0	0	1,993,301	0	0	1,993,301
Irrigation Utility Rate Revenue		288,917	247,287	125,000	170,000	230,000	100,000	100,000	100,000	1,361,204
Parks Reserve Fund		0	0	50,000	0	0	0	0	0	50,000
Public Works Trust Fund Loan		15,525,414	0	0	0	0	0	0	0	15,525,414
Revenue Bond Issue		500,843	302,157	0	0	0	0	400,000	0	1,203,000
Revenue Bond Proceeds		4,388,250	0	0	0	0	0	0	0	4,388,250
Richland School District		0	0	50,000	0	0	0	0	0	50,000
Water Rate Revenue		7,876,712	1,657,694	1,000,000	1,000,000	1,000,000	1,332,500	1,000,000	1,000,000	15,866,906
Water Total:		29,170,836	2,481,638	2,250,000	2,180,000	1,925,000	3,593,301	1,500,000	1,100,000	44,200,775
Waterfront										
Bond Proceeds-Debt Service Paid		0	0	0	13,849,000	0	0	0	0	13,849,000
Business License Reserve Fund		0	0	0	28,000	58,000	90,000	50,000	90,000	316,000
Concessionaire (in-building)		0	0	0	0	0	0	25,000	275,000	300,000
Councilmanic Bonds or 63/20 Financing		0	0	0	4,100,000	0	0	0	0	4,100,000
Donations		1,092	0	328,380	140,000	0	0	0	0	469,472
General Fund		103,820	101,180	56,000	0	0	0	0	0	261,000
Grant		0	285,666	478,380	0	0	0	2,000,000	0	2,764,046
Grant - Lodging Tax (Secured)		4,711	281,398	0	0	0	0	0	0	286,109
Hotel/Motel-Lodging Funds		0	0	0	50,000	50,000	50,000	50,000	50,000	250,000
Industrial Development Fund		0	242,960	0	0	100,000	0	0	0	342,960
Land Lease (GWW)		0	0	0	0	0	150,000	150,000	1,650,000	1,950,000
Land Sales		0	111,205	0	0	0	0	0	0	111,205
Lease		0	0	0	0	0	0	0	2,110,000	2,110,000
Lease-Surplus Property Ground		0	0	0	0	0	0	0	2,475,000	2,475,000
Library Const. Fund (Added Parking)		0	250,000	0	0	0	0	0	0	250,000
LTGO 98 Fund		0	70,516	0	0	0	0	0	0	70,516
LTGO Bond Fund		250,000	0	0	0	0	0	0	0	250,000
Parks Reserve Fund (Undesignated)		35,000	50,000	50,000	50,000	50,000	50,000	50,000	0	335,000
REET-RE Excise Tax 1st 1/4%		121,736	386,264	41,000	123,000	41,000	255,000	91,000	744,062	1,803,062
Right-of-Way Sale (Secured)		0	160,000	0	0	0	0	0	0	160,000
Sales Tax Bond - RPF/TCRPF		0	0	0	0	0	10,000,000	0	0	10,000,000
Unfunded		0	0	44,000	0	0	180,000	516,642	0	740,642
Waterfront Total:		516,359	1,939,189	997,760	18,340,000	299,000	10,775,000	2,932,642	7,394,062	43,194,012
Report Total:		69,094,930	29,485,718	33,788,555	57,508,962	40,424,005	75,585,785	24,394,531	70,989,086	401,271,572

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Summary - List of Funding Sources by Year

Source	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
2013 BFCOG STP Funding Dist		0	1,056,000	0	0	0	0	0	0	1,056,000
2014-2015 BFCOG STP Funding Dist		0	0	0	0	1,115,550	2,022,888	0	0	3,138,438
Bond Issue (as yet funded)		0	3,482,897	0	0	0	0	0	0	3,482,897
Bond Proceeds-Debt Service Paid		0	0	0	13,849,000	0	0	0	2,500,000	16,349,000
Business License Reserve Fund		0	0	0	178,000	83,000	115,000	75,000	115,000	566,000
CDBG Funds		0	60,000	60,000	105,000	65,000	65,000	65,000	65,000	485,000
City of Kennewick		0	0	0	200,000	220,000	0	0	0	420,000
City of Kennewick (RR Negotiation)		1,070,278	0	0	0	0	0	0	0	1,070,278
City of West Richland		0	0	0	110,000	110,000	0	0	0	220,000
Concessionaire (in-building)		0	0	0	0	0	0	25,000	275,000	300,000
Councilmanic Bonds or 63/20		0	0	0	4,100,000	0	0	0	0	4,100,000
Criminal Justice Fund		0	0	174,000	0	0	0	194,880	184,600	553,480
Developer Contribution (ROW)		0	136,000	0	0	0	0	0	0	136,000
Donations		1,092	47,000	353,380	4,120,739	4,888,410	0	0	0	9,410,621
Electric Fund		0	0	182,050	658,312	821,981	1,146,678	811,960	3,735,998	7,356,979
Electric Rate Revenue		0	3,100,000	5,598,000	3,971,000	4,609,000	5,990,000	5,410,000	6,974,000	35,652,000
Equipment Maint Fund (GF)		0	0	0	0	133,357	81,753	0	0	215,110
Facility Fees		87,700	1,787,118	2,225,000	1,500,000	2,065,000	867,500	900,000	3,200,000	12,632,318
Federal Appropriation (2013 Budget)		222,790	102,593	0	0	0	0	0	0	325,383
Fire Equipment Reserve		25,356	7,283	0	0	0	0	0	0	32,639
General Fund		843,340	1,294,880	1,744,243	2,094,707	1,706,399	1,557,550	1,198,627	9,504,870	19,944,616
General Fund (in Lieu of PWTF Debt		251,250	0	0	0	0	0	0	0	251,250
General Obligation Bond Proceeds		11,117,210	0	0	0	0	0	0	0	11,117,210
Grant		1,182,001	5,698,260	3,543,820	0	1,500,000	16,500,000	2,500,000	500,000	31,424,081
Grant - Lodging Tax (Secured)		4,711	281,398	0	0	0	0	0	0	286,109
Grant - STP - Urban		524,990	0	0	0	0	0	0	0	524,990
Grant Funds (Unsecured)		0	0	4,550,000	5,020,000	20,000	3,125,684	0	680,000	13,395,684
Hotel/Motel-Lodging Funds		256,708	480,833	0	550,000	50,000	550,000	50,000	550,000	2,487,541
Impact Fees		0	51,150	0	0	80,000	1,032,000	400,000	1,800,000	3,363,150
Industrial Development Fund		500,000	242,960	0	330,000	100,000	0	0	0	1,172,960
Irrigation Utility Rate Revenue		288,917	247,287	125,000	170,000	230,000	100,000	100,000	100,000	1,361,204
Land Lease (GWW)		0	0	0	0	0	150,000	150,000	1,650,000	1,950,000
Land Sales		0	153,099	0	0	0	0	0	0	153,099
Lease		0	0	0	0	0	0	0	2,110,000	2,110,000

2015 - 2030 Capital Improvement Plan



Capital Improvement Plan

2015 thru 2030

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FIN-BUD-CIP-003-

Summary - List of Funding Sources by Year

Source	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Lease-Surplus Property Ground		0	0	0	0	0	0	0	2,475,000	2,475,000
Library Const. Fund (Added Parking)		0	250,000	0	0	0	0	0	0	250,000
Line of Credit		0	0	6,519,410	6,519,410	0	0	0	0	13,038,820
Loan - WA State Dept of Ecology		0	400,000	0	0	0	0	0	0	400,000
LTGO 98 Fund		500,578	284,938	0	0	0	0	0	0	785,516
LTGO Bond Fund		250,000	0	0	0	0	0	0	0	250,000
Medical Service Fund Increase Rate		0	0	0	0	0	0	0	0	0
Medical Services Fund		0	0	5,100	12,750	31,875	31,875	8,500	93,500	183,600
Parks Reserve Fund		0	0	50,000	0	0	0	0	200,000	250,000
Parks Reserve Fund (Undesignated)		216,000	70,000	104,000	75,000	50,000	50,000	50,000	0	615,000
Parks Reserve-Park District 3		14,500	16,000	15,000	30,000	0	0	0	0	75,500
Parks Reserve-Park District 4		0	0	0	0	250,000	0	0	0	250,000
Parks Reserve-Park District 5		223,633	75,000	30,000	0	0	0	0	200,000	528,633
Private Funding		0	0	0	570,000	0	0	0	0	570,000
Private Investment		0	0	0	50,000	1,330,000	0	0	0	1,380,000
Public Works Trust Fund Loan		16,275,414	0	0	0	0	0	0	0	16,275,414
PW Admin & Engineering		0	0	0	0	0	108,237	0	348,523	456,760
REET-RE Excise Tax 1st 1/4%		828,582	540,231	402,165	163,000	371,000	448,921	311,000	784,062	3,848,961
REET-RE Excise Tax 2nd 1/4%		2,685,064	399,500	402,080	310,000	300,000	310,000	310,000	310,000	5,026,644
Revenue Bond Issue		500,843	1,815,157	2,625,000	6,241,000	12,485,000	5,751,000	5,091,000	7,555,000	42,064,000
Revenue Bond Proceeds		4,388,250	0	0	0	0	0	0	0	4,388,250
Revenue Bonds - Debt Service by Richland School District		0	0	0	0	278,888	15,137,112	0	0	15,416,000
Right-of-Way Sale (Secured)		0	160,000	0	0	0	0	0	0	160,000
Sales Tax Bond - RPFDP/TCRPFDP		0	0	0	0	0	10,000,000	0	0	10,000,000
Solid Waste Fund		0	0	335,850	1,088,571	1,237,975	1,353,125	763,750	4,764,313	9,543,584
Solid Waste Fund (Rsv for closure)		0	0	62,000	0	200,000	3,350,000	0	0	3,612,000
Solid Waste Rate Revenue		115,065	169,935	426,000	10,000	5,000	0	0	0	726,000
Stormwater Fund		0	0	9,900	228,357	38,250	38,250	254,544	287,244	856,545
Stormwater Rate Revenue		667,497	534,262	100,000	125,000	125,000	125,000	125,000	125,000	1,926,759
STP Fund (Secured-COG)		0	1,856,000	0	0	0	0	0	0	1,856,000
Street Fund - Fuel Tax		1,605,248	203,000	0	203,000	203,000	203,000	203,000	203,000	2,823,248
Street Fund - Utility Charges		2,460,017	204,000	0	204,000	204,000	204,000	204,000	204,000	3,684,017
Street Fund - Utility Occupation Tax		5,636,241	493,000	0	493,000	493,000	493,000	493,000	493,000	8,594,241

2015 - 2030 Capital Improvement Plan



Capital Improvement Plan

2015 thru 2030

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FIN-BUD-CIP-003-

Summary - List of Funding Sources by Year

Source	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Streets Fund (GF)		0	0	0	16,377	149,426	48,911	498,798	837,254	1,550,766
Sundance Ridge HOA		0	10,000	0	0	0	0	0	0	10,000
Unfunded		0	0	1,517,057	720,000	700,000	880,000	1,216,642	12,177,561	17,211,260
Unfunded (Gas tax)		0	0	0	400,000	400,000	400,000	400,000	400,000	2,000,000
Unutilized Electric Utility Tax		0	0	0	0	0	0	0	0	0
Wastewater Fund		0	0	73,300	791,358	215,240	437,236	283,291	1,563,373	3,363,798
Wastewater Rate Revenue		8,474,943	2,098,243	1,400,000	1,100,000	2,100,000	1,100,000	1,100,000	1,100,000	18,473,186
Water Fund		0	0	106,200	201,381	458,654	479,565	201,539	1,923,788	3,371,127
Water Rate Revenue		7,876,712	1,657,694	1,000,000	1,000,000	1,000,000	1,332,500	1,000,000	1,000,000	15,866,906
WCIA Insurance Settlement Pmt		0	20,000	0	0	0	0	0	0	20,000
Report Total:		69,094,930	29,485,718	33,788,555	57,508,962	40,424,005	75,585,785	24,394,531	70,989,086	401,271,572

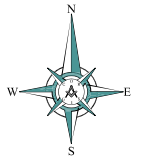
2015 - 2030 Capital Improvement Plan



Waterfront

CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

Capital Improvement Plan

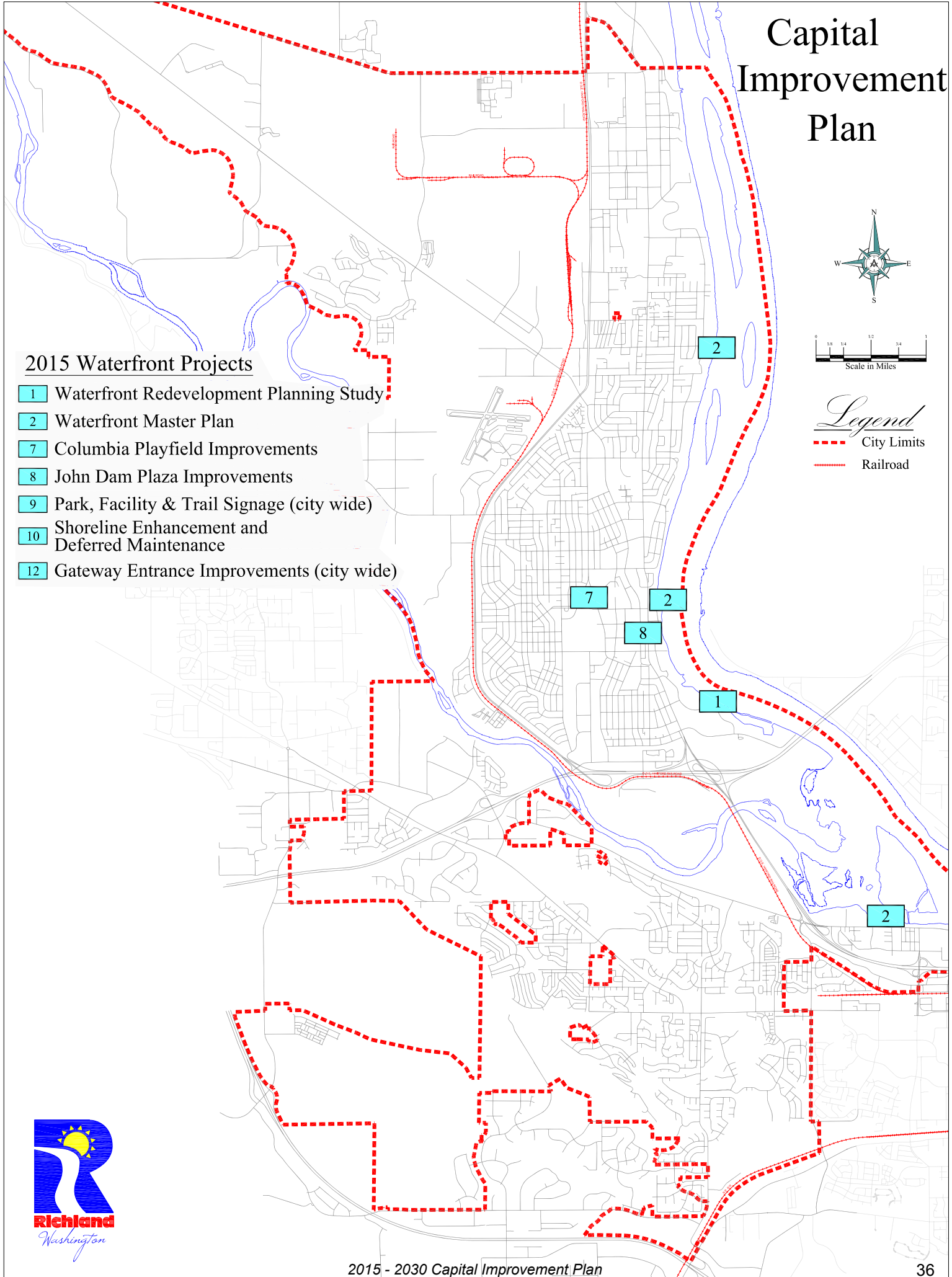


Legend

- - - City Limits
- · - · - Railroad

2015 Waterfront Projects

- 1 Waterfront Redevelopment Planning Study
- 2 Waterfront Master Plan
- 7 Columbia Playfield Improvements
- 8 John Dam Plaza Improvements
- 9 Park, Facility & Trail Signage (city wide)
- 10 Shoreline Enhancement and Deferred Maintenance
- 12 Gateway Entrance Improvements (city wide)





Capital Improvement Plan

2015 thru 2030

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Waterfront Projects

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Waterfront										
Amon Park Parking Improvements	WF140005	0	0	0	150,000	3,950,000	0	0	0	4,100,000
Black Box Studio Theater	WF140006	0	0	0	0	100,000	200,000	11,750,000	0	12,050,000
Columbia Playfield Improvements	WF140007	4,711	727,064	50,000	0	0	0	0	0	781,775
Fire Station 71 - Replacement Station	WF140004	0	0	0	0	0	180,000	566,642	2,933,062	3,679,704
Gateway Entrance Improvements	WF140012	121,736	131,264	36,000	36,000	36,000	0	36,000	36,000	433,000
Howard Amon Park, Riverfront Trail	WF140011	0	0	0	100,000	108,000	150,000	150,000	150,000	658,000
John Dam Plaza Improvements	WF140008	266,092	0	556,760	200,000	0	240,000	0	240,000	1,502,852
Park, Facility & Trail Signage	WF140009	20,000	25,000	25,000	25,000	25,000	25,000	25,000	0	170,000
Shoreline Enhancement and Deferred Maintenance	WF140010	0	30,000	30,000	30,000	30,000	30,000	30,000	0	180,000
Swift Corridor/City Hall Replacement	WF140003	160,056	969,625	0	200,000	4,598,333	8,996,667	500,000	0	15,424,681
Waterfront Master Plan	WF140002	0	0	100,000	0	0	0	0	0	100,000
Waterfront Redevelopment Planning Study	WF140001	0	0	200,000	0	0	0	0	0	200,000
Waterfront Total:		572,595	1,882,953	997,760	741,000	8,847,333	9,821,667	13,057,642	3,359,062	39,280,012
Waterfront										
Bond Proceeds-Debt Service Paid		0	0	0	13,849,000	0	0	0	0	13,849,000
Business License Reserve Fund		0	0	0	28,000	58,000	90,000	50,000	90,000	316,000
Concessionaire (in-building)		0	0	0	0	0	0	25,000	275,000	300,000
Councilmanic Bonds or 63/20 Financing		0	0	0	4,100,000	0	0	0	0	4,100,000
Donations		1,092	0	328,380	140,000	0	0	0	0	469,472
General Fund		103,820	101,180	56,000	0	0	0	0	0	261,000
Grant		0	285,666	478,380	0	0	0	2,000,000	0	2,764,046
Grant - Lodging Tax (Secured)		4,711	281,398	0	0	0	0	0	0	286,109
Hotel/Motel-Lodging Funds		0	0	0	50,000	50,000	50,000	50,000	50,000	250,000
Industrial Development Fund		0	242,960	0	0	100,000	0	0	0	342,960
Land Lease (GWW)		0	0	0	0	0	150,000	150,000	1,650,000	1,950,000
Land Sales		0	111,205	0	0	0	0	0	0	111,205
Lease		0	0	0	0	0	0	0	2,110,000	2,110,000
Lease-Surplus Property Ground		0	0	0	0	0	0	0	2,475,000	2,475,000
Library Const. Fund (Added Parking)		0	250,000	0	0	0	0	0	0	250,000
LTGO 98 Fund		0	70,516	0	0	0	0	0	0	70,516
LTGO Bond Fund		250,000	0	0	0	0	0	0	0	250,000
Parks Reserve Fund (Undesignated)		35,000	50,000	50,000	50,000	50,000	50,000	50,000	0	335,000
REET-RE Excise Tax 1st 1/4%		121,736	386,264	41,000	123,000	41,000	255,000	91,000	744,062	1,803,062
Right-of-Way Sale (Secured)		0	160,000	0	0	0	0	0	0	160,000
Sales Tax Bond - RPF/TCRPF		0	0	0	0	0	10,000,000	0	0	10,000,000
Unfunded		0	0	44,000	0	0	180,000	516,642	0	740,642
Waterfront Total:		516,359	1,939,189	997,760	18,340,000	299,000	10,775,000	2,932,642	7,394,062	43,194,012

Waterfront Redevelopment Planning Study

Type of Project Waterfront		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="YES"/>	Project # WF140001
Key # 4	Goal # 1	<i>Strategic Leadership Plan Project?</i> No		
PROJECT NAME: <input type="text" value="Waterfront Redevelopment Planning Study"/>				
PROJECT ADMINISTRATION: <input type="text" value="Community and Development Services"/>				
PROJECT LOCATION: <input type="text" value="Columbia Point"/>				
PROJECT TIMELINE: <input type="text" value="2015"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

The project will develop a redevelopment strategy for the undeveloped parcels between Bradley Boulevard and the Columbia River (Tract D & E), including an approach to the historic landfill present on a portion of the property. The project will involve building upon environmental analysis completed in the 1990's to prepare alternative remediation strategies, including cost estimates. The study will also include market analysis and development conceptual planning that will provide data for a cost-benefit comparison of various remediation approaches. The study will include a public outreach and involvement element and will allow staff and Council to identify remediation and development strategies for these properties.

PROJECT ASSUMPTIONS

The Washington State Legislature will have to authorize funding for this project in their 2015 - 2017 biennium budget. Staff will develop a scope of work and budget proposal during the second half of 2014 for presentation to Council and the Department of Ecology.

BENEFITS

The project could result in a well-developed plan and strategy for this property that resolves the long-standing constraint imposed by the existing landfill. Being able to advance the planning for this site with funding assistance from the State is very valuable.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
PLANNING STUDY	200,000	-	-	200,000	-	-	-	-	-
TOTAL	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GRANT - WA DOE	200,000	-	-	200,000	-	-	-	-	-
TOTAL	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Waterfront Master 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? <input type="checkbox"/> No		
PROJECT NAME: Waterfront Master Plan				
PROJECT ADMINISTRATION: Community and Development Services				
PROJECT LOCATION: Riverfront and Downtown				
PROJECT TIMELINE: 2015				
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 plan 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 will establish shorter term (5 year) implementation steps. The process of preparing this master plan will engage the public in ways that build community support and excitement. The project will also consider the Tri-Cities’ new branding program and recommend ways to uniquely identify and market this area. This will include suggestions for wayfinding and entrance features. The study will identify and price the public infrastructure and amenities needed for implementation. Appropriate financing options including the potential of second LRF project in Richland will included in the final recommendation. Once the master plan 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 a new wayfinding system and design, identify infill development opportunities, identify under-utilized properties, provide an economic analysis for optimizing future uses, and identify potential users for sites currently available.

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.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MASTER PLAN	70,000			70,000					
WAYFINDING DESIGN	10,000			10,000					
PLAN MARKETING	5,000			5,000					
WAYFINDING IMPLEMENTATION	15,000			15,000					
TOTAL	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GENERAL FUND	56,000			56,000					
UNFUNDED	44,000			44,000					
-	-								
-	-								
TOTAL	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
-	-								
-	-								
-	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Swift Corridor/City Hall Replacement

Type of Project Waterfront		Partnership Project? <input type="checkbox"/> NO	Waterfront Project? <input checked="" type="checkbox"/> YES	Project # WF140003 <small>Formerly MN130002</small>
Key # 4	Goal # 2	<i>Strategic Leadership Plan Project?</i> <input checked="" type="checkbox"/> Yes		
PROJECT NAME: Swift Corridor/City Hall Replacement				
PROJECT ADMINISTRATION: Community and Development Services				
PROJECT LOCATION: Swift Boulevard				
PROJECT TIMELINE: 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 strategy designed to transform Richland's Central Business District (CBD) into a dynamic urban core. Much of the corridor is currently in public ownership providing an opportunity to improve the perception of our downtown and attract new investment. This portion of the project address the replace of the municipal complex and redevelopment of the existing City Hall site. The 2013 budget included funding for improvements to the utility billing offices, Swift & Jadwin traffic signal upgrades, acquisition of the surplus GSA property and project planning. Several options currently under consideration to achieve the highest and best use of the government owned properties along the Swift Corridor, by converting optimal commercial locations to commercial uses typically associated with a dynamic urban core. The heavy budgetary lifting is associated with the new municipal complex. Annual debt service (estimated at \$822,000 - \$825,000) would begin in 2017 and could be funded with savings resulting from the retirement of mature bonds in 2017 and a portion of the revenue from a new electric utility occupation tax. A new municipal complex will avoid increasing maintenance costs to existing facilities and allow the City to avoid an estimated \$9.5 million in renovation cost to the current City Hall. The project will stimulate downtown revitalization by opening key commercial sites for development and create new property tax, sales tax, and lease revenue streams.

PROJECT ASSUMPTIONS

Interest rates will be 3.3% or better for a 25 year GO bond. Bonds will be sold in 2016 with debt service beginning in 2017. Revenues from the surplus site and lease space in the new building will ramp up to \$317,000/ year by 2021. Converting Swift & George Washington Way City Hall Site into private development will cost approximately \$500,000 in demolition but generate more than \$200,000 annually in new revenue. Replacement facility for City Hall (40,000 square feet) will include a small amount of concessionaire space that will generate approximately \$25,000 per year in new revenue. Project assumes design build format with associated savings.

BENEFITS

Nationally urban cores are the hot market of upscale mixed use development. Our consultants believe there is a pent-up demand for that type of development in the Tri-Cities but the stretch from current reality to future vision is simple too great for the private sector to jump in. The Swift Corridor Plan proposes a strategy to initially focus investments into a single corridor in order to create the critical mass needed to create a walkable urban zone. Once the success of this concept is demonstrated, it is expected to self-replicate throughout the CBD. This project should also generate new property tax, sales tax, and ground lease revenue.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
PROJECT PLANNING	100,000	100,000							
REMODEL UB AREA&SWIFT/JADWIN SIGNL	105,000	75,000	30,000						
DESIGN BUILD	13,899,681	3,820	100,861		200,000	4,598,333	8,996,667		
SWIFT & GWW SITE DEMOLITION	500,000							500,000	
LAND ACQUISITION	820,000		820,000						
TOTAL	\$ 15,424,681	\$ 178,820	\$ 950,861	\$ -	\$ 200,000	\$ 4,598,333	\$ 8,996,667	\$ 500,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
GENERAL FUND - FACILITY RESERVES	205,000	103,820	101,180						
LAND SALE (SWIFT & GWW)	111,205		111,205						
INDUSTRIAL DEVELOPMENT FUND	242,960		242,960						
LTGO 98 FUND	70,516		70,516						
CAPITAL IMPRVMT FUND (REET 1ST 1/4%)	250,000		250,000						
LIBRARY CONST FUND (ADDED PARKING)	250,000		250,000						
BOND PROCEEDS	13,849,000				13,849,000				
LEASE - GROUND	2,110,000								2,110,000
IN-BUILDING CONCESSIONAIRE	300,000							25,000	275,000
TOTAL	\$ 17,388,681	\$ 103,820	\$ 1,025,861	\$ -	\$ 13,849,000	\$ -	\$ -	\$ 25,000	\$ 2,385,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
DEBT SERVICE (REET)	5,950,000					425,000	425,000	425,000	4,675,000
DEBT SERVICE (UTILITY TAX)	5,600,000					400,000	400,000	400,000	4,400,000
	-								
TOTAL	\$ 11,550,000	-	-	\$ -	\$ -	\$ 825,000	\$ 825,000	\$ 825,000	\$ 9,075,000

Fire Station 71 - Replacement Station

Type of Project Waterfront		Partnership Project? <input type="checkbox"/> YES	Waterfront Project? <input type="checkbox"/> YES	Project # WF140004 <small>Formerly MN130004</small>
Key # 2	Goal # 1	Strategic Leadership Plan Project? Yes		
PROJECT NAME: Fire Station 71 - Replacement Station				
PROJECT ADMINISTRATION: Fire Services				
PROJECT LOCATION: Jadwin and Swift area				
PROJECT TIMELINE: 03/2018 - 12/2018				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO				

PROJECT DESCRIPTION

Design and construct a new Central Fire Station in partnership with a proposed Columbia Basin College emergency medical training school. This will replace an existing, outdated response station facility, providing an opportunity to redevelop the existing site with waterfront uses. The project is accelerated in response to the partnership opportunity with CBC on the land acquisition, design, and construction of the facility.

PROJECT ASSUMPTIONS

No additional vehicles or staff required because it is a facility replacement. The facility will be constructed in partnership with CBC. Located at the surplused GSA site on Northgate (Records Building and Motor Pool site). Design and construction costs will be carried by CBC, the facility will be leased back to the City at a rate approximate to CBC's pro-rated cost of construction, with a no cost buy out in 25 years. Interim financing will be needed during the ramp up of lease revenues from the redeveloped original site.

BENEFITS

Existing station 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. Surplusing the existing site upon completion will generate revenue to support the cost of the new facility and further support the redevelopment of the Downtown and waterfront.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
DESIGN	180,000						180,000		
LEASE PROPOSED PMT	3,199,704							266,642	2,933,062
DEMOLITION	300,000							300,000	
	-								
TOTAL	\$ 3,679,704	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 566,642	\$ 2,933,062
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
UNFUNDED	696,642						180,000	516,642	
RE EXCISE TAX 1ST 1/4%	458,062								458,062
LEASE - SURPLUS PROPERTY GROUND	2,475,000								2,475,000
	-								
	-								
TOTAL	\$ 3,629,704	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 516,642	\$ 2,933,062
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
STAFFING	-								
DEBT SERVICE / LEASE	-								
FACILITIES	-								
ONE-TIME I.T. EQUIPMENT	-								
MAINTENANCE & OPERATIONS	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Amon Park Parking Improvements

Type of Project Waterfront		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="YES"/>	Project # WF140005
Key # 4	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: <input style="width: 90%;" type="text" value="Amon Park Parking Improvements"/>				
PROJECT ADMINISTRATION: <input style="width: 90%;" type="text" value="Community and Development Services"/>				
PROJECT LOCATION: <input style="width: 90%;" type="text" value="900 Amon Park Drive"/>				
PROJECT TIMELINE: <input style="width: 90%;" type="text" value="06/2016 - 12/2017"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

The enhancement of the Downtown Waterfront is a multi-year, long range strategy designed to increase the activity level and desirability of Downtown. As the remaining water front sites develop over the coming years, activity and visitors to the waterfront will increase. The westerly site at 900 Amon Park Drive provides an ideal location to accommodate the parking for the envisioned number of visitors to the waterfront. The site is also ideally situated to support development at 650 George Washington Way and growth of the Farmer's Market at the Parkway. Providing enhanced parking at this location will also help support waterfront activities at Howard Amon Park and the retail & entertainment district at the Parkway. Staff is exploring either councilmanic debt or the use of a public/private partnership to build and finance the new structure. Payments (estimated at \$180,000) would begin in 2017 and could be funded with revenue from the disposition of 650 George Washington Way and additional tax revenues generated from the site. The project will support increasing activity in Howard Amon Park, disposition of 650 GW Way, and growth of the Farmer's Market.

PROJECT ASSUMPTIONS

Interest rates will remain under 4% until after financing is secured. Bonds can be sold in 2016 with debt service deferred until 2018 and paid over 30 years. Revenues from the disposition of 650 GWW will ramp up to \$150,000/year by 2019. Based on 120 spaces.

BENEFITS

Nationally urban cores are the hot market of upscale mixed use development. Our consultants believe there is a pent-up demand for that type of development in the Tri-Cities but the stretch from current reality to future vision is simple too great for the private sector to jump in. Amon Park Parking Improvements will support the City's vision by accomodating parking for enhanced events at Howard Amon Park and facilitating the development of the adjacent 650 GWW site. The project is key to establishing a strong entry to our downtown. Once the success of this concept is demonstrated, it is expected to self-replicate throughout the CBD.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
PROJECT PLANNING	150,000				150,000				
CONSTRUCTION	3,650,000					3,650,000			
SOFT COSTS	300,000					300,000			
TOTAL	\$ 4,100,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 3,950,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
LAND LEASE (GWW)	1,950,000						150,000	150,000	1,650,000
COUNCILMANIC BONDS OR 63/20 FINANCING	4,100,000				4,100,000				
TOTAL	\$ 6,050,000	\$ -	\$ -	\$ -	\$ 4,100,000	\$ -	\$ 150,000	\$ 150,000	\$ 1,650,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
DEBT SERVICE	3,120,000						240,000	240,000	2,640,000
OPERATING COSTS	1,066,000						82,000	82,000	902,000
OFFSETTING LEASE REVENUES	(1,950,000)						(150,000)	(150,000)	(1,650,000)
TOTAL	\$ 2,236,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 172,000	\$ 172,000	\$ 1,892,000

Black Box Studio Theater

Type of Project Waterfront		Partnership Project? <input type="text" value="NO"/>	Waterfront Project? <input type="text" value="YES"/>	Project # WF140006
Key # 4	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: <input style="width: 90%;" type="text" value="Black Box Studio Theater"/>				
PROJECT ADMINISTRATION: <input style="width: 90%;" type="text" value="Community and Development Services"/>				
PROJECT LOCATION: <input style="width: 90%;" type="text" value="Columbia Point"/>				
PROJECT TIMELINE: <input style="width: 80%;" type="text" value="01/2018 - 06/2020"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>				

PROJECT DESCRIPTION

The enhancement of the Downtown Waterfront is a multi-year, long-range strategy designed to increase the activity level and desirability of Downtown. Performing arts play a significant role in knitting together the fabric of the community. The City is currently home to more than five regional performing arts organizations. This project is for the development of a Black Box Studio type theater that will host a majority of performances by regional arts organizations as well as providing a small to mid-sized theater for intimate concerts or events from performers visiting the Tri-Cities. The tentative site for this project is publicly owned and large enough to accommodate this facility in combination with other revenue generating uses. The project is divided into three phases, planning, public development, and private development. Planning and public development focus on the theater itself and private development focuses on the disposition of the remaining parcels. Staff is exploring either councilmanic debt or Public Facilities District funding to finance the new Studio Theater. The project will substantially improve the commercial viability of the remaining portion of the site, resulting in offset of costs from the sale of properties or a continuous stream of revenue from the lease of the property.

PROJECT ASSUMPTIONS

Interest rates will remain under 4% until after financing is secured. Bonds can be sold in 2018. Revenues from the surplus land sales will generate approximately \$5,880,000 by the end of 2023. Operational expenses are covered by operational revenues and grants.

BENEFITS

Richland and the Tri-Cities region currently lacks a dedicated performance space for the arts. This facility will serve as the center of performing arts for the city and the region. The facility and corresponding programming will establish Richland as a hub of arts activity, bringing the benefits of enhanced night-life, recreation, and leisure activity. It supports the diversification of Richland's economy by providing the modern dedicated performance venue and programming necessary to retain educated professionals and artists. It also provides a destination venue for event driven activity in the immediate vicinity of our hotel district and downtown restaurants, establishing Richland as a destination for leisure and activity related to wine, art, and river tourism.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
PROJECT PLANNING	300,000					100,000	200,000		
DEVELOPMENT COSTS	11,750,000							11,750,000	
TOTAL	\$ 12,050,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 200,000	\$ 11,750,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
WA-DOC GRANT (BFA)	2,000,000							2,000,000	
INDUSTRIAL DEVELOPMENT FUND	100,000								
RFPD/TCRFPD SALES TAX BOND	10,000,000					100,000	10,000,000		
TOTAL	\$ 12,100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 10,000,000	\$ 2,000,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
PFD DEBT SERVICE	6,939,612							578,301	6,361,311
OFFSETTING LEASE REVENUES	(5,880,600)							(653,400)	(5,227,200)
TOTAL	\$ 1,059,012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (75,099)	\$ 1,134,111

Columbia Playfield Improvements

Type of Project Waterfront		Partnership Project? <input type="checkbox"/> YES	Waterfront Project? <input type="checkbox"/> YES	Project # WF140007 <small>Formerly PR130002</small>
Key # 6	Goal # 3	Strategic Leadership Plan Project? Yes		
PROJECT NAME: Columbia Playfield Improvements				
PROJECT ADMINISTRATION: Parks & Public Facilities				
PROJECT LOCATION: Columbia Playfield, central Richland; 1500 Mansfield				
PROJECT TIMELINE: 06/2013 - 12/2013 & 04/2018 - 12/2018				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> YES				

PROJECT DESCRIPTION

This existing central Richland park includes a 25 yard municipal pool, wading pool, four softball fields, one little league field, play structure, multi-purpose trails, restroom/concessions buildings and public parking. In 2014 the following projects will be completed: the parking lot west of the pool, field modifications to extend outfield fences on the softball fields, conversion of the LL field to a softball field and the east parking lot. In 2015 additional improvements to the new softball field, additional parking and a new basketball court are proposed.

PROJECT ASSUMPTIONS

Receiving 2013 Lodging Tax grant for parking lot improvements.

BENEFITS

Maintain existing/increase existing levels of tourism through tournaments hosted at Columbia Playfield. Provide adequate facilities for youth sports.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	781,775	4,711	727,064	50,000					
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 781,775	\$ 4,711	\$ 727,064	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
RIGHT-OF-WAY SALE (SECURED)	160,000		160,000						
LODGING TAX GRANT (SECURED)	286,109	4,711	281,398						
PRIVATE FUNDING	50,000			50,000					
LODGING TAX GRANT	285,666		285,666						
TOTAL	\$ 781,775	\$ 4,711	\$ 727,064	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

John Dam Plaza Improvements

Type of Project

Waterfront

Partnership Project?

YES

Waterfront Project?

YES

Project #

WF140008

Formerly PR130004

Key #

6

Goal #

3

Strategic Leadership Plan Project?

Yes

PROJECT NAME: John Dam Plaza Improvements

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: John Dam Plaza, central Richland; 800 Jadwin Avenue

PROJECT TIMELINE: 04/2018 - 12/2018

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

John Dam Plaza, 3.9 acres, is the central park in Richland's Central Business District and hosts Live @ 5, Movies in the Park, political gatherings and various other special events. In 2014, new sidewalks were constructed in the south half of the park. In 2014-15, the City will seek a partner to construct a stage and viewing area. In 2018-2020, the central plaza, grand entry and other master plan improvements will be completed. All improvements are consistent with the approved 2013 master plan.

PROJECT ASSUMPTIONS

Securing a large private donation in 2014 and/or 2015.

BENEFITS

The proposed improvements will complement the City's vision to enhance the downtown and waterfront area.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	1,502,852	266,092	-	556,760	200,000	-	240,000	-	240,000
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 1,502,852	\$ 266,092	\$ -	\$ 556,760	\$ 200,000	\$ -	\$ 240,000	\$ -	\$ 240,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
BUSINESS LICENSE RESERVE FUND	80,000	-	-	-	-	-	40,000	-	40,000
RCO GRANT	278,380	-	-	278,380	-	-	-	-	-
RE EXCISE TAX 1ST 1/4%	460,000	-	-	-	60,000	-	200,000	-	200,000
DONATION (PRIVATE)	419,472	1,092	-	278,380	140,000	-	-	-	-
LTGO BOND FUND	250,000	250,000	-	-	-	-	-	-	-
UNDESIGNATED PARK RESERVE	15,000	15,000	-	-	-	-	-	-	-
TOTAL	\$ 1,502,852	\$ 266,092	\$ -	\$ 556,760	\$ 200,000	\$ -	\$ 240,000	\$ -	\$ 240,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Park, Facility & Trail Signage

Type of Project

Waterfront

Partnership Project?

NO

Waterfront Project?

YES

Project #

WF140009

Formerly PR130013

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:

2014 - Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Continued 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FABRICATION AND INSTALLATION	170,000	20,000	25,000	25,000	25,000	25,000	25,000	25,000	
	-								
	-								
	-								
TOTAL	\$ 170,000	\$ 20,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
UNDESIGNATED PARK RESERVE FUND	140,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	
RE EXCISE TAX 1ST 1/4%	30,000		5,000	5,000	5,000	5,000	5,000	5,000	
	-								
	-								
	-								
TOTAL	\$ 170,000	\$ 20,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Shoreline Enhancement and Deferred Maintenance

Type of Project

Waterfront

Partnership Project?

YES

Waterfront Project?

YES

Project #

WF140010

Formerly PR130015

Key #	Goal #
5	3

Strategic Leadership Plan Project?

No

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

The Columbia and Yakima Rivers are a valuable economic and recreational amenity. Between 2014 and 2019 it is proposed to implement shoreline stabilization, tree limbing/removal, noxious weed control and shoreline enhancement and beautification. In 2018 & 2019 it is proposed to 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 2013.

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
VEGETATION & SHORELINE MAINTENANCE	180,000		30,000	30,000	30,000	30,000	30,000	30,000	
CONSTRUCTION & RIVERSHORE	-								
ENHANCEMENT	-								
	-								
	-								
TOTAL	\$ 180,000	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
UNDESIGNATED PARK RESERVE FUND	180,000		30,000	30,000	30,000	30,000	30,000	30,000	
	-								
	-								
	-								
	-								
TOTAL	\$ 180,000	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Howard Amon Park, Riverfront Trail

Type of Project

Waterfront

Partnership Project?

NO

Waterfront Project?

YES

Project #

WF140011

Formerly PR130019

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Reconstruct 2,350 lineal feet of the Riverfront trail from the Hampton Inn to north Howard Amon Park. This project will include trail lighting, removal and replanting of 17 trees and relocation of seven park benches. It is estimated that 240 feet of trail can be completed per year.

PROJECT ASSUMPTIONS

Permitting will be completed by 2016.

BENEFITS

This current section of the Riverfront Trail is narrow and the trail surface has been impacted by tree roots. The new trail will provide a 15 foot wide cross section, trail lighting and level surface.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
CONSTRUCTION	658,000				100,000	108,000	150,000	150,000	150,000
	-								
	-								
	-								
	-								
TOTAL	\$ 658,000	\$ -	\$ -	\$ -	\$ 100,000	\$ 108,000	\$ 150,000	\$ 150,000	\$ 150,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
RE EXCISE TAX 1ST 1/4%	172,000				22,000		50,000	50,000	50,000
BUSINESS LICENSE RESERVE FUND	236,000				28,000	58,000	50,000	50,000	50,000
HOTEL/MOTEL - LODGING TAX	250,000				50,000	50,000	50,000	50,000	50,000
	-								
	-								
	-								
TOTAL	\$ 658,000	\$ -	\$ -	\$ -	\$ 100,000	\$ 108,000	\$ 150,000	\$ 150,000	\$ 150,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Gateway Entrance Improvements

Type of Project

Waterfront

Partnership Project?

Waterfront Project?

Project #

WF140012

Formerly PR130008

Key #

6

Goal #

2

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. Improvements have been made at Leslie Road/Amon Basin, Stevens/By-Pass Highway, GW Way/Aaron Drive, Van Giesen/ SR-240 (Stevens Triangle), Columbia Center Blvd/Fowler St. Future improvements include a significant gateway at the reconfigured GW Way/Aaron Drive intersection in 2017, Vantage Highway city limit, Keene Road City Limit, and Columbia Park Trail City Limit.

PROJECT ASSUMPTIONS

Gateway improvements will be completed by year according to the schedule listed.

BENEFITS

Improve community image in high visibility locations.

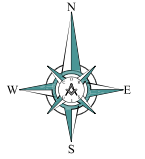
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	433,000	121,736	131,264	36,000	36,000	36,000		36,000	36,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 433,000	\$ 121,736	\$ 131,264	\$ 36,000	\$ 36,000	\$ 36,000	\$ -	\$ 36,000	\$ 36,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
RE EXCISE TAX 1ST 1/4%	433,000	121,736	131,264	36,000	36,000	36,000	-	36,000	36,000
TOTAL	\$ 433,000	\$ 121,736	\$ 131,264	\$ 36,000	\$ 36,000	\$ 36,000	\$ -	\$ 36,000	\$ 36,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Parks & Public Facilities

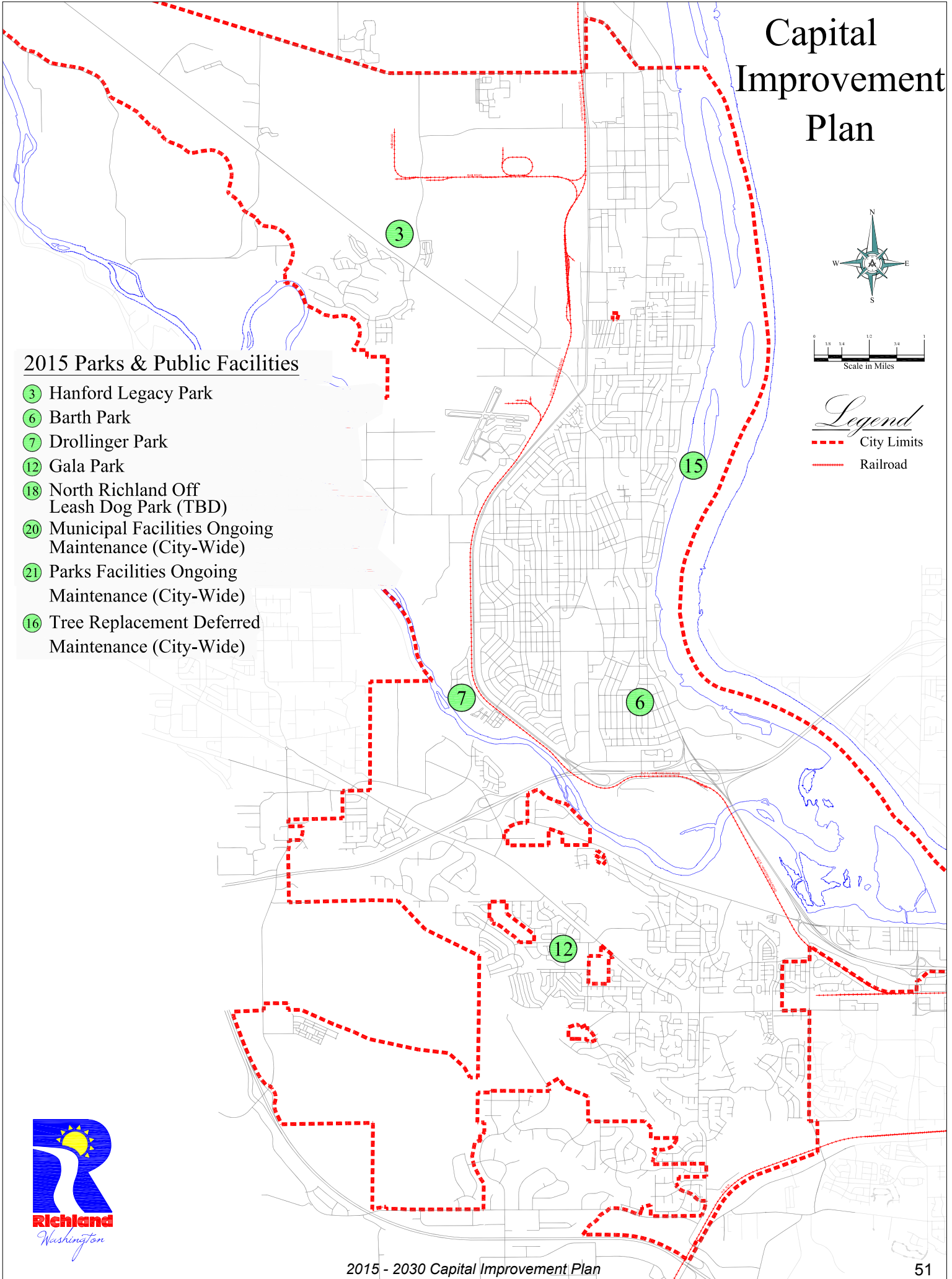
CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

Capital Improvement Plan



2015 Parks & Public Facilities

- 3 Hanford Legacy Park
- 6 Barth Park
- 7 Drollinger Park
- 12 Gala Park
- 18 North Richland Off Leash Dog Park (TBD)
- 20 Municipal Facilities Ongoing Maintenance (City-Wide)
- 21 Parks Facilities Ongoing Maintenance (City-Wide)
- 16 Tree Replacement Deferred Maintenance (City-Wide)





Capital Improvement Plan

2015 thru 2030

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Parks & Public Facilities Projects

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Parks										
PROJECT COSTS										
Badger Mountain Park	PR130001	0	0	0	0	0	0	0	1,950,000	1,950,000
Barth Park	PR130006	0	60,000	60,000	40,000	0	0	0	0	160,000
Drollinger Park	PR130007	0	16,000	44,000	30,000	0	0	0	0	90,000
Gala Park	PR130012	205,886	75,000	30,000	0	0	0	0	0	310,886
Hanford Legacy Park	PR130003	266,708	480,833	575,685	500,000	700,000	500,000	700,000	500,000	4,223,226
Heritage Hills Park	PR130009	0	40,000	0	0	0	0	0	0	40,000
Keene Road Trail Landscaping	PR130010	193,247	99,000	0	0	0	0	0	0	292,247
Municipal Facilities Deferred Maintenance	PR130011	0	579,200	0	0	0	0	0	0	579,200
Municipal Facilities Ongoing Maintenance	PR140020	0	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
North Richland Off Leash Dog Park	PR140018	0	0	50,000	50,000	0	0	0	0	100,000
Parks Facilities Deferred Maintenance	PR130014	36,000	365,125	0	0	0	0	0	0	401,125
Parks Facilities Ongoing Maintenance	PR140021	0	0	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Tree Replacement and Deferred Maintenance	PR130016	0	20,000	20,000	20,000	20,000	20,000	20,000	0	120,000
West Village Park at Badger Mountain South	PR130005	0	0	0	0	250,000	0	0	0	250,000
Parks Total:		701,841	1,735,158	1,129,685	990,000	1,320,000	870,000	1,070,000	2,800,000	10,616,684
FUNDING SOURCES										
CDBG Funds		0	60,000	60,000	40,000	0	0	0	0	160,000
Donations		0	47,000	25,000	25,000	0	0	0	0	97,000
Electric Fund		0	0	84,250	84,250	84,250	84,250	84,250	84,250	505,500
General Fund		0	808,700	161,500	101,500	101,500	101,500	101,500	101,500	1,477,700
Grant		0	123,625	500,000	0	500,000	0	500,000	500,000	2,123,625
Hotel/Motel-Lodging Funds		256,708	480,833	0	500,000	0	500,000	0	500,000	2,237,541
Land Sales		0	30,000	0	0	0	0	0	0	30,000
Parks Reserve Fund		0	0	0	0	0	0	0	200,000	200,000
Parks Reserve Fund (Undesignated)		181,000	20,000	54,000	25,000	0	0	0	0	280,000
Parks Reserve-Park District 3		14,500	16,000	15,000	30,000	0	0	0	0	75,500
Parks Reserve-Park District 4		0	0	0	0	250,000	0	0	0	250,000
Parks Reserve-Park District 5		223,633	75,000	30,000	0	0	0	0	200,000	528,633
REET-RE Excise Tax 1st 1/4%		25,000	45,000	75,685	0	220,000	20,000	220,000	0	605,685
Solid Waste Fund		0	0	6,250	6,250	6,250	6,250	6,250	6,250	37,500
Stormwater Fund		0	0	4,500	4,500	4,500	4,500	4,500	4,500	27,000
Sundance Ridge HOA		0	10,000	0	0	0	0	0	0	10,000
Unfunded		0	0	60,000	120,000	100,000	100,000	100,000	1,150,000	1,630,000
Wastewater Fund		0	0	21,500	21,500	21,500	21,500	21,500	21,500	129,000
Water Fund		0	0	32,000	32,000	32,000	32,000	32,000	32,000	192,000
WCIA Insurance Settlement Pmt		0	20,000	0	0	0	0	0	0	20,000
Parks Total:		700,841	1,736,158	1,129,685	990,000	1,320,000	870,000	1,070,000	2,800,000	10,616,684

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 Parks, south Richland

PROJECT TIMELINE:

04/2021 - 11/2021

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

The existing park includes a zero-depth water spray pad, three soccer fields, three baseball fields, concessions/restroom, one multipurpose field, one dog park, full court basketball, and one play structure. The remaining phase in 2021 includes construction of the remaining 2.5 acres of dog park, additional parking lots, tennis courts, upper restroom, baseball/softball field, playground and other minor park amenities.

PROJECT ASSUMPTIONS

Master Plan approved by Council in 2009.

BENEFITS

This project will complete the master plan improvements as established by Council and through public input.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	1,950,000								1,950,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 1,950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,950,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
PARK RESERVE FUND	200,000								200,000
PARK DISTRICT 5	200,000								200,000
RCO GRANT	500,000								500,000
UNFUNDED	1,050,000								1,050,000
	-								
	-								
TOTAL	\$ 1,950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,950,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
GENERAL FUND	985,300								985,300
	-								
	-								
	-								
TOTAL	\$ 985,300	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 985,300

Hanford Legacy Park

Type of Project Parks Project		Partnership Project? <input type="checkbox"/> YES	Project # PR130003
Key # 6	Goal # 3	<i>Strategic Leadership Plan Project?</i> <input type="checkbox"/> Yes	
PROJECT NAME: Hanford Legacy Park			
PROJECT ADMINISTRATION: Parks & Public Facilities			
PROJECT LOCATION: Hanford Legacy Park, SR-240 west of Kingsgate Drive			
PROJECT TIMELINE: 04/2015 - 12/2018 & 04/2025 - 12/2025			
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. In 2015, five multi-purpose sport fields and a gravel parking lot will be completed along with securing a primary user for the fields. In 2017, the parking lot will be paved, City street constructed and a restroom/concession building completed. In 2019, additional parking, a playground structure and tennis courts will be completed.

PROJECT ASSUMPTIONS

Grant funding will be secured 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	4,223,226	266,708	480,833	575,685	500,000	700,000	500,000	700,000	500,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 4,223,226	\$ 266,708	\$ 480,833	\$ 575,685	\$ 500,000	\$ 700,000	\$ 500,000	\$ 700,000	\$ 500,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
HOTEL/MOTEL - LODGING TAX FUNDS	2,237,541	256,708	480,833		500,000		500,000		500,000
RCO GRANT	1,500,000			500,000		500,000		500,000	
RE EXCISE TAX 1ST 1/4%	475,685			75,685		200,000		200,000	
UNDESIGNATED PARK RESERVE	10,000	10,000							
	-								
	-								
TOTAL	\$ 4,223,226	\$ 266,708	\$ 480,833	\$ 575,685	\$ 500,000	\$ 700,000	\$ 500,000	\$ 700,000	\$ 500,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
STAFF AND MATERIALS	2,325,000				120,000	125,000	130,000	135,000	1,815,000
	-								
	-								
	-								
TOTAL	\$ 2,325,000	-	-	\$ -	\$ 120,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 1,815,000

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?

Yes

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. 2017 -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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	250,000					250,000			
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
PARK DISTRICT 4	250,000					250,000			
	-								
	-								
	-								
TOTAL	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Barth Park

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR130006

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: Barth Park

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: Barth Park is located at the corner of Comstock St. and Barth Ave.

PROJECT TIMELINE: Fall of 2014

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Barth park is a 0.35 acre park with a swing and 1/2 basketball court. In 2014-16, it is proposed to install toddler age play equipment, construct an 8-foot wide asphalt pathway, remove/replace the swing set with appropriate safety surfacing and replace the existing chain link fence with a new chain link fence to improve the appearance of the park.

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	160,000		60,000	60,000	40,000				
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 160,000	\$ -	\$ 60,000	\$ 60,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
CDBG FUNDS	160,000		60,000	60,000	40,000				
	-								
	-								
	-								
TOTAL	\$ 160,000	\$ -	\$ 60,000	\$ 60,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
INCREASED MAINTENANCE COSTS	1,500				200	250	300	350	400
	-								
	-								
TOTAL	\$ 1,500	-	-	\$ -	\$ 200	\$ 250	\$ 300	\$ 350	\$ 400

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 - 2016

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. In 2014, it is proposed to install irrigation and turf and in 2016 install playground equipment.

PROJECT ASSUMPTIONS

There will be Park District 3 funds available in 2016 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	90,000		16,000	44,000	30,000				
CONSTRUCTION	-								
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 90,000	\$ -	\$ 16,000	\$ 44,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
PARK DISTRICT 3	61,000		16,000	15,000	30,000				
UNDESIGNATED PARK RESERVE FUND	29,000			29,000					
	-								
	-								
	-								
TOTAL	\$ 90,000	\$ -	\$ 16,000	\$ 44,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
PARK MAINTENANCE	36,500				6,000	6,500	7,500	8,000	8,500
	-								
	-								
	-								
TOTAL	\$ 36,500	-	-	\$ -	\$ 6,000	\$ 6,500	\$ 7,500	\$ 8,000	\$ 8,500

Heritage Hills Park

Type of Project

Parks Project

Partnership Project?

YES

Project #

PR130009

Key #

1

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: Heritage Hills Park

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: 561 Heritage Hills Drive

PROJECT TIMELINE: 2014

RESPONSE TO *GMA LEVEL OF SERVICE? YES

PROJECT DESCRIPTION

Heritage Hills Park is an undeveloped 1.5 acre park located in the Sundance Ridge/Heritage Hills neighborhood. In 2014 a partnership was established with the Sundance Ridge HOA to develop and maintain a portion of the park (1/2 - 3/4 acres). The park will be developed with landscaping and turf. The balance of the park (3/4 - 1 acre) will be surplus and sold to assist with costs associated with development of the park.

PROJECT ASSUMPTIONS

Council will approve the property surplus and maintenance agreement.

BENEFITS

A public park will be provided and the City will not have to maintain a park that does not meet our minimum size standard of 3 acres.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
CONSTRUCTION	40,000		40,000						
	-								
	-								
	-								
TOTAL	\$ 40,000	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/12	Authorized Budget Remaining in 2013	2015	2016	2017	2018	2019	2020
SUNDANCE RIDGE HOA	10,000		10,000						
LAND SALES	30,000		30,000						
	-								
	-								
	-								
TOTAL	\$ 40,000	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Keene Road Trail Landscaping

Type of Project

Parks Project

Partnership Project?

YES

Project #

PR130010

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: Keene Road Trail Landscaping

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: Keene Road adjacent to Cherrywood Estates and Badger Park Estates

PROJECT TIMELINE: 2014

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

This project began in 2013 with multiple volunteer groups spreading basalt rock to control dust and to improve the appearance of the park and trail corridor. Approximately 950 volunteer hours have been recorded to date. 2014 -complete placement of rock ground cover representing the final phase of the project.

PROJECT ASSUMPTIONS

Continue receiving volunteer support and that the work completed is in accordance with the proposed streetscape plan for Keene Road.

BENEFITS

This project will provide dust control and improve the appearance of the Keene Road Trail corridor.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIALS	292,247	193,247	99,000						
	-								
	-								
	-								
TOTAL	\$ 292,247	\$ 193,247	\$ 99,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
UNDESIGNATED PARK RESERVE	170,500	150,500	20,000						
RE EXCISE TAX 1ST 1/4%	70,000	25,000	45,000						
DONATIONS	34,000		34,000						
PARK DISTRICT 5	17,747	17,747							
	-								
	-								
TOTAL	\$ 292,247	\$ 193,247	\$ 99,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Municipal Facilities Deferred Maintenance

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR130011

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Municipal Facilities Deferred Maintenance

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: City-wide

PROJECT TIMELINE: 2014

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Complete major building deferred maintenance projects including; George Pout Pool, Fire Stations 1, 2 & 3, Library, Community Center, City Hall & Annex, 703 Building, Police Station and Shops Buildings, 100, 200 & 300. Major projects include roofs, HVAC, interior & exterior painting, plumbing, mechanical, electrical, doors & hardware and flooring. Seventy-eight projects have been identified and prioritized for 2014 based on the following criteria: safety, security, corrective, preventative, efficiency and beautification. A detailed building life-cycle analysis is currently underway.

PROJECT ASSUMPTIONS

Continue receiving volunteer support and that the work completed is in accordance with the proposed streetscape plan for Keene Road.

BENEFITS

Prolong building life expectancy and ensure building function and safety of the general fund supported 13 buildings which total 283,000 square feet.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY MAINTENANCE	579,200		579,200						
	-								
	-								
	-								
	-								
TOTAL	\$ 579,200	\$ -	\$ 579,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
UNFUNDED - ENDING FUND BALANCE	579,200		579,200						
	-								
	-								
	-								
	-								
TOTAL	\$ 579,200	\$ -	\$ 579,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

The master plan for this three acre park was approved in 2013 and includes a playground, shelter, turf, trees, the northern portion of the park will present a more natural play are with berms and a water feature similar to Goethals Park.

PROJECT ASSUMPTIONS

The park was acquired in 2012 as a condition of a settlement agreement and development of the park has been established in the agreement. Per the agreement irrigation and turf were completed in 2013. In 2014, the playground will be installed and trees planted. In 2015 a pathway will be constructed.

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
CONSTRUCTION	175,000	70,000	75,000	30,000					
LAND	135,886	135,886							
	-								
	-								
TOTAL	\$ 310,886	\$ 205,886	\$ 75,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
PARK DISTRICT 5	310,886	205,886	75,000	30,000					
	-								
	-								
	-								
TOTAL	\$ 310,886	\$ 205,886	\$ 75,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Parks Facilities Deferred Maintenance

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR130014

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Parks Facilities Deferred Maintenance

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: City-wide

PROJECT TIMELINE: 2014

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Complete major park facilities deferred maintenance projects including; playground equipment & safety surfacing replacement, trail resurfacing and patching, landscape replacement, irrigation pumps & filters, docks, picnic shelters, restrooms and kiosks.

PROJECT ASSUMPTIONS

2013 funding is for the installation of a debris barrier at the Columbia Point Marina. The project cost is being shared with the Richland Yacht Club.

BENEFITS

Prolong building life expectancy and ensure building function and safety of the general fund supported 13 buildings which total 283,000 square feet.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
PARKS FACILITIES MAINTENANCE	401,125	36,000	365,125						
	-								
	-								
	-								
	-								
TOTAL	\$ 401,125	\$ 36,000	\$ 365,125	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
PARK DISTRICT 3	14,500	14,500							
UNDESIGNATED PARK RESERVE	20,500	20,500							
RCO TIER 1 BIG GRANT	123,625		123,625						
UNFUNDED - ENDING FUND BALANCE	229,500		229,500						
DONATION	13,000		13,000						
	-								
TOTAL	\$ 401,125	\$ 35,000	\$ 366,125	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Tree Replacement and Deferred Maintenance

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR130016

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME: Tree Replacement and Deferred Maintenance

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

WCIA payment for trees lost in the 2012 wind storm. Settlement should be \$60,000 in 2014; this will be distributed in a three year span to cover the costs anticipated for those years (2014-2016).

BENEFITS

Implement a pro-active tree replacement plan to maintain a mature tree canopy.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
CONSTRUCTION	120,000		20,000	20,000	20,000	20,000	20,000	20,000	
	-								
	-								
	-								
	-								
TOTAL	\$ 120,000	\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
RE EXCISE TAX 1ST 1/4%	60,000					20,000	20,000	20,000	
WCIA INSURANCE SETTLEMENT PAYMENT	20,000		20,000						
GENERAL FUND	20,000			20,000					
UNFUNDED	20,000				20,000				
	-								
	-								
TOTAL	\$ 120,000	\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
INCREASED MAINTENANCE COST	4,250			450	500	600	750	900	1,050
	-								
	-								
	-								
TOTAL	\$ 4,250	-	-	\$ 450	\$ 500	\$ 600	\$ 750	\$ 900	\$ 1,050

North Richland Off Leash Dog Park

Type of Project

Parks Project

Partnership Project?

NO

Project #

PR140018

Key #

6

Goal #

3

Strategic Leadership Plan Project?

No

PROJECT NAME:

North Richland Off Leash Dog Park

PROJECT ADMINISTRATION:

Parks & Public Facilities

PROJECT LOCATION:

North Richland

PROJECT TIMELINE:

2015-2016

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Construct a two acre off leash dog park in the north Richland area.

PROJECT ASSUMPTIONS

Private funding will be received.

BENEFITS

The off leash dog park will provide an opportunity for residents to legally exercise their dogs, provide social opportunities for dogs and humans, provide a convenient location for north Richland residents.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
CONSTRUCTION	100,000			50,000	50,000				
	-								
	-								
	-								
TOTAL	\$ 100,000	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
UNDESIGNATED PARK RESERVE FUNDS	50,000			25,000	25,000				
PRIVATE DONATIONS	50,000			25,000	25,000				
	-								
	-								
	-								
TOTAL	\$ 100,000	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
INCREASED MAINTENANCE COST	4,500					1,000	1,100	1,150	1,250
	-								
	-								
	-								
TOTAL	\$ 4,500	-	-	\$ -	\$ -	\$ 1,000	\$ 1,100	\$ 1,150	\$ 1,250

Municipal Facilities Ongoing Maintenance

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

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: City-wide

PROJECT TIMELINE: 2015 - 2020

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Staff is completing a life-cycle plan for City facilities so that the funding for major building components such as HVAC, roofs, windows, major mechanical, and other systems can be flattened into a predictable annual expenditure of \$250,000 annually.

PROJECT ASSUMPTIONS

This funding model is similar to that used for Information Technology and Fleet replacement. Included buildings - Police Station, Fire Stations 72 and 73, Community Center, Library, and City Shops Facilities. Excluded buildings (will still be maintained, but not managed for longevity) - City Hall, Administrative Annex, Development Services Building, Fire Station 71. The annual expenditure will likely increase when replacement facilities are brought on-line.

BENEFITS

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY MAINTENANCE	1,500,000			250,000	250,000	250,000	250,000	250,000	250,000
	-								
	-								
	-								
	-								
TOTAL	\$ 1,500,000	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GENERAL FUND	609,000			101,500	101,500	101,500	101,500	101,500	101,500
ELECTRIC FUND	505,500			84,250	84,250	84,250	84,250	84,250	84,250
WATER FUND	192,000			32,000	32,000	32,000	32,000	32,000	32,000
WASTEWATER FUND	129,000			21,500	21,500	21,500	21,500	21,500	21,500
SOLID WASTE FUND	37,500			6,250	6,250	6,250	6,250	6,250	6,250
STORMWATER FUND	27,000			4,500	4,500	4,500	4,500	4,500	4,500
	-								
TOTAL	\$ 1,500,000	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Parks Facilities Ongoing Maintenance

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

PROJECT ADMINISTRATION: Parks & Public Facilities

PROJECT LOCATION: City-wide

PROJECT TIMELINE: 2015 - 2020

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

The largest cost for facilities located in parks is the upkeep of bathrooms due to high use and vandalism. Another expensive item to maintain are pathways in the parks near trees, such as the Shelterbelt Trail. The City maintains a variety of other park structures including water play areas, sports fields, numerous shelters, the Fingernail, skate park, docks and waterfront improvements, kiosks, and other features requiring continual maintenance.

PROJECT ASSUMPTIONS

2013 funding is for the installation of a debris barrier at the Columbia Point Marina. The project cost is being shared with the Richland Yacht Club.

BENEFITS

Prolong building life expectancy and ensure building function and safety of the general fund supported 13 buildings which total 283,000 square feet.

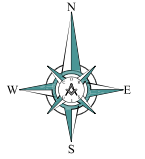
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
PARKS FACILITIES MAINTENANCE	600,000			100,000	100,000	100,000	100,000	100,000	100,000
	-								
	-								
	-								
	-								
TOTAL	\$ 600,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
UNFUNDED - ENDING FUND BALANCE	600,000			100,000	100,000	100,000	100,000	100,000	100,000
	-								
	-								
	-								
	-								
TOTAL	\$ 600,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Municipal

CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

Capital Improvement Plan



2015 Municipal Projects

- 1** Animal Control Shelter (tbd)
- 10** RAISE (formerly Horn Rapids Industrial)
- 16** Equipment Replacement Program (City-Wide)
- 17** I.T. Strategic Plan (City-Wide)

10

b





Capital Improvement Plan

2015 thru 2030

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Municipal Projects

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Municipal PROJECT COSTS										
Animal Control Shelter	MN130001	0	100,000	1,141,000	0	0	0	0	0	1,241,000
City View & Truman Avenue Extension	MN140015	0	0	0	900,000	0	0	0	0	900,000
Equipment Replacement Program	MN140016	0	0	1,136,700	4,091,813	2,668,157	3,158,180	3,465,889	17,493,463	32,014,202
Fire Station - Northwest	MN130009	0	0	0	0	0	0	0	5,975,342	5,975,342
Fire Station 73 - Replacement Station	MN130005	0	0	0	3,955,739	0	0	0	0	3,955,739
Fire Station 74	MN130006	46,748	3,493,775	0	0	0	0	0	0	3,540,523
Fire Station 76 - Badger South	MN130007	0	0	0	0	0	0	0	4,452,219	4,452,219
Fire Station 77 - Far North Richland	MN130008	0	0	0	0	4,888,410	0	0	0	4,888,410
I.T. Strategic Plan	MN140017	0	0	500,000	750,000	1,875,000	1,875,000	500,000	5,500,000	11,000,000
Revitalization Area for Industry, Science & Education (RAISE),	MN130010	1,874,372	5,125,687	2,302,269	1,814,882	0	0	0	0	11,117,210
Municipal Total:		1,921,120	8,719,462	5,079,969	11,512,434	9,431,567	5,033,180	3,965,889	33,421,024	79,084,645
FUNDING SOURCES										
Bond Issue (as yet funded)		0	3,482,897	0	0	0	0	0	0	3,482,897
Criminal Justice Fund		0	0	174,000	0	0	0	194,880	184,600	553,480
Donations		0	0	0	3,955,739	4,888,410	0	0	0	8,844,149
Electric Fund		0	0	97,800	574,062	737,731	1,062,428	727,710	3,651,748	6,851,479
Equipment Maint Fund (GF)		0	0	0	0	133,357	81,753	0	0	215,110
Fire Equipment Reserve		25,356	7,283	0	0	0	0	0	0	32,639
General Fund		0	100,000	698,800	1,993,207	1,604,899	1,456,050	1,097,127	9,403,370	16,353,453
General Obligation Bond Proceeds		11,117,210	0	0	0	0	0	0	0	11,117,210
Industrial Development Fund		0	0	0	330,000	0	0	0	0	330,000
Medical Service Fund Increase Rate		0	0	0	0	0	0	0	0	0
Medical Services Fund		0	0	5,100	12,750	31,875	31,875	8,500	93,500	183,600
Private Funding		0	0	0	570,000	0	0	0	0	570,000
PW Admin & Engineering		0	0	0	0	0	108,237	0	348,523	456,760
REET-RE Excise Tax 1st 1/4%		21,392	3,595	0	0	0	0	0	0	24,987
Solid Waste Fund		0	0	329,600	1,082,321	1,231,725	1,346,875	757,500	4,758,063	9,506,084
Stormwater Fund		0	0	5,400	223,857	33,750	33,750	250,044	282,744	829,545
Streets Fund (GF)		0	0	0	16,377	149,426	48,911	498,798	837,254	1,550,766
Unfunded		0	0	1,341,000	0	0	0	0	10,427,561	11,768,561
Unutilized Electric Utility Tax		0	0	0	0	0	0	0	0	0
Wastewater Fund		0	0	51,800	769,858	193,740	415,736	261,791	1,541,873	3,234,798
Water Fund		0	0	74,200	169,381	426,654	447,565	169,539	1,891,788	3,179,127
Municipal Total:		11,163,958	3,593,775	2,777,700	9,697,552	9,431,567	5,033,180	3,965,889	33,421,024	79,084,645

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: Administrative Services

PROJECT LOCATION: Location yet to be determined - Potential location includes
Kennewick/Pasco/Richland

PROJECT TIMELINE: 01/2015 - 12/2015

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Current facility was purchased by the City of Pasco and leased to the Tri-Cities Animal Control Authority (Kennewick/Richland/Pasco) to provide Animal Control services including sheltering of dogs and cats. The facility needs to be expanded from 8,120 sq ft to approx. 16,904 sq ft including exterior runs and spaces. Recommendation from the Council sub-committees representing Pasco, Kennewick and Richland was forwarded to their respective Cities in July 2010.

PROJECT ASSUMPTIONS

The city of Richland budgeted \$100,000 in the 2013 budget for potential land purchase or for use for a feasibility study. Costs are to be equally shared with Kennewick and Pasco. The original preliminary design work has been completed with an estimated cost of approximately \$4,032,000 (\$1,344,000 per City) including land (4 acres) and sales tax for a property located in an industrial zoned area. If the property is located in a commercial zoned area, the costs were estimated to be \$5,206,000 (2 acres of land).

BENEFITS

The existing facility was built in 1975 and is in need of major repair. The current facility is too small and inadequate for current operations for the three cities. The Tri-Cities Animal Control Authority will be contacting Benton County with the intent of potential sharing of services and costs. There may be the potential use of Benton County property next to their existing animal shelter that may be able to accommodate the construction for the new facility.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	1,141,000			1,141,000					
CONSTRUCTION	-								
10% CONTINGENCY	-								
OTHER ENG. SERVICES	100,000		100,000						
	-								
TOTAL	\$ 1,241,000	\$ -	\$ 100,000	\$ 1,141,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GENERAL FUND	100,000		100,000	-					
UNFUNDED	1,141,000			1,141,000					
	-								
	-								
	-								
	-								
TOTAL	\$ 1,241,000	\$ -	\$ 100,000	\$ 1,141,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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: 01/2015 - 09/2015

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 better coverage, rather than adjacent to the existing site.

PROJECT ASSUMPTIONS

Do not need vehicles. Land will be City owned land, the site is near the corner of Steven Drive and Jadwin Ave. 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

Existing station 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.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	207,434				207,434				
CONSTRUCTION MANAGEMENT	82,915				82,915				
CONSTRUCTION	2,681,543				2,681,543				
10% CONTINGENCY	247,200				247,200				
OTHER ENG. SERVICES	427,647				427,647				
SITE WORK	309,000				309,000				
TOTAL	\$ 3,955,739	\$ -	\$ -	\$ -	\$ 3,955,739	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DONATIONS	3,955,739				3,955,739				
	-								
	-								
	-								
	-								
TOTAL	\$ 3,955,739	\$ -	\$ -	\$ -	\$ 3,955,739	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
STAFFING	-								
DEBT SERVICE	3,094,154								
FACILITIES	-					221,011	221,011	221,011	2,431,121
ONE-TIME I.T. EQUIPMENT	-								
MAINTENANCE & OPERATIONS	-								
TOTAL	\$ 3,094,154	-	-	\$ -	\$ -	\$ 221,011	\$ 221,011	\$ 221,011	\$ 2,431,121

Fire Station 74

Type of Project Municipal		Partnership Project? <input type="checkbox"/> NO	Project # MIN130006	
Key # 2	Goal # 1	Strategic Leadership Plan Project? Yes		
PROJECT NAME: Fire Station 74				
PROJECT ADMINISTRATION: Fire Services				
PROJECT LOCATION: City View near Duportail Road				
PROJECT TIMELINE: 03/2014 - 12/2014				
RESPONSE TO *GMA LEVEL OF SERVICE? <input checked="" type="checkbox"/> YES				

PROJECT DESCRIPTION

Design and construct a new Southwest Richland Fire Station. This will add a new response station facility, providing emergency medical and fire response capability in this area of the city that does not currently meet the comprehensive plan policies and goals (relating to the number of homes that are beyond the four minute travel time from the existing fire stations).

PROJECT ASSUMPTIONS

We will relocate an existing fire engine and medic unit. The site is on city owned land, on City View near Duportail. Full staffing of this station will require the addition of 6 personnel. The station construction will be funded with an approximately \$3.5 million bond. The service of that debt, along with the salaries and related expenses for two firefighter/EMTs, will be funded through an increase in the Electric Utility tax rate of 1.1%. For example, the tax rate on an electric utility bill for a residential user will rise from 6.7% to 7.8%. The salaries and related expenses for four firefighter/paramedics will be funded through an increase in the household/business monthly ambulance utility fee of \$2.32 (from \$5.49 to \$7.81).

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	201,392	46,748	154,644						
CONSTRUCTION MANAGEMENT	80,500		80,500						
CONSTRUCTION	2,603,440		2,603,440						
10% CONTINGENCY	240,000		240,000						
OTHER ENG. SERVICES	415,191		415,191						
TOTAL	\$ 3,540,523	\$ 46,748	\$ 3,493,775	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
BOND ISSUE (AS YET UNFUNDED)	3,482,897		3,482,897						
RE EXCISE TAX 1ST 1/4%	24,987	21,392	3,595						
UNUTILIZED ELECTRIC UTILITY TAX	-								
MEDICAL SERVICE FUND INCREASE RATES	-								
FIRE EQUIPMENT RESERVE	32,639	25,356	7,283						
TOTAL	\$ 3,540,523	\$ 46,748	\$ 3,493,775	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
STAFFING	16,568,885			854,938	876,311	898,219	920,674	943,691	12,075,052
DEBT SERVICE	3,691,152			230,697	230,697	230,697	230,697	230,697	2,537,667
FACILITIES	256,000			16,000	16,000	16,000	16,000	16,000	176,000
ONE-TIME I.T. EQUIPMENT	13,350			13,350					
MAINTENANCE & OPERATIONS	1,198,609			61,847	63,393	64,978	66,602	68,268	873,521
TOTAL	\$ 21,727,996	-	-	\$ 1,176,832	\$ 1,186,401	\$ 1,209,894	\$ 1,233,973	\$ 1,258,656	\$ 15,662,240

Fire Station 76 - Badger South

Type of Project

Municipal

Partnership Project?

NO

Project #

MN130007

Key #

2

Goal #

1

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Fire Station 76 - Badger South

PROJECT ADMINISTRATION: Fire Services

PROJECT LOCATION: Land allocated by the developers near the Dallas Rd entrance to the development, by the Wine Center

PROJECT TIMELINE: 01/2020 - 09/2020

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Design and construct a new Badger 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 when it does not meet the comprehensive plan policies and goals (relating to the number of homes that are beyond the four minute travel time from the existing fire stations).

PROJECT ASSUMPTIONS

Need engine \$450 K plus \$60K for equip and med unit at \$229K and \$75 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. 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
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	481,320								481,320
OTHER ENG. SERVICES	347,782								347,782
TOTAL	\$ 4,452,219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,452,219
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
UNFUNDED	4,452,219								4,452,219
	-								
	-								
	-								
	-								
TOTAL	\$ 4,452,219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,452,219
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
STAFFING	22,215,522								22,215,522
DEBT SERVICE	2,749,120								2,749,120
FACILITIES	160,000								160,000
ONE-TIME I.T. EQUIPMENT	15,104								15,104
MAINTENANCE & OPERATIONS	964,241								964,241
TOTAL	\$ 26,103,987	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,103,987

Fire Station 77 - Far North Richland

Type of Project Municipal		Partnership Project? <input type="checkbox"/> YES	Project # MN130008
Key #	Goal #	<i>Strategic Leadership Plan Project?</i>	Yes
2	1		
PROJECT NAME: <input type="text" value="Fire Station 77 - Far North Richland"/>			
PROJECT ADMINISTRATION: <input type="text" value="Fire Services"/>			
PROJECT LOCATION: <input type="text" value="Horn Rapids Road and Stevens Area"/>			
PROJECT TIMELINE: <input type="text" value="01/2017 - 09/2017"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO			

PROJECT DESCRIPTION

Design and construct a new Far North Richland Fire Station. This will add a new response station facility, providing emergency medical and fire response capability in this area of the city when it does not meet the comprehensive plan policies and goals (relating to the number of homes that are beyond the four minute travel time from the existing fire stations).

PROJECT ASSUMPTIONS

Initial discussion on this station is advanced due to potential PNNL and other federal partners interests. May be configured with a different crew and apparatus set up, depending on funding and other requirements. When it is at full station compliment for a crew then it will need an engine \$450K plus \$60K for equip and a med unit at \$229K plus \$75K for equip and incremental increase in O & M. 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	213,657					213,657			
CONSTRUCTION MANAGEMENT	85,402					85,402			
CONSTRUCTION	2,761,989					2,761,989			
10% CONTINGENCY	254,616					254,616			
OTHER ENG. SERVICES	440,476					440,476			
SITE WORK	318,270					318,270			
FIRE ENGINE & MED UNIT	814,000					814,000			
TOTAL	\$ 4,888,410	\$ -	\$ -	\$ -	\$ -	\$4,888,410	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DONATIONS	4,888,411					4,888,411			
RE EXCISE TAX 1ST 1/4%	-								
UNUTILIZED ELECTRIC UTILITY TAX	-								
MEDICAL SERVICE FUND INCREASES	-								
	-								
	-								
TOTAL	\$ 4,888,411	\$ -	\$ -	\$ -	\$ -	\$4,888,411	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
STAFFING	27,878,823						1,841,348	1,887,382	24,150,093
DEBT SERVICE	3,573,856						274,912	274,912	3,024,032
FACILITIES	208,000						16,000	16,000	176,000
ONE-TIME I.T. EQUIPMENT	14,377						14,377		-
MAINTENANCE & OPERATIONS	1,210,054						79,922	81,920	1,048,212
TOTAL	\$ 32,885,110	-	-	\$ -	\$ -	\$ -	\$2,226,559	\$2,260,214	\$ 28,398,337

Fire Station - Northwest

Type of Project Municipal		Partnership Project? <input type="text" value="NO"/>	Project # MN130009
Key # 2	Goal # 1	Strategic Leadership Plan Project? Yes	
PROJECT NAME: Fire Station - Northwest			
PROJECT ADMINISTRATION: Fire Services			
PROJECT LOCATION: Kingsgate and First Avenue			
PROJECT TIMELINE: 03/2025 - 12/2025			
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 when it does not meet the comprehensive plan policies and goals (relating to the number of homes that are beyond the four minute travel time from the existing fire stations).

PROJECT ASSUMPTIONS

\$450K for engine and \$60K for equip and \$229 for med unit and \$75K for equip plus an 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. 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
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	814,000								814,000
TOTAL	\$ 5,975,342	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,975,342
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
UNFUNDED	5,975,342								5,975,342
	-								
	-								
	-								
TOTAL	\$ 5,975,342	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,975,342
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
STAFFING	11,792,594								11,792,594
DEBT SERVICE	1,374,560								1,374,560
FACILITIES	80,000								80,000
ONE-TIME I.T. EQUIPMENT	17,516								17,516
MAINTENANCE & OPERATIONS	511,845								511,845
TOTAL	\$ 13,776,515	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,776,515

RAISE, formerly Horn Rapids Industrial Park West

Type of Project: Partnership Project? Project #

Key # Goal # Strategic Leadership Plan Project?

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

Extension of water, sewer, power and roads in the Horn Rapids Industrial Park including the development of the Logston utility corridor, the extension of Robertson Avenue, the extension of 1st Street and the extension of Battelle Boulevard. Development of a fiber optic backbone within the RAISE serving the Tri-Cities Research District and the Horn Rapids Industrial Park. Road improvements, streetscapes and undergrounding utilities within the Richland Innovation Center, including improvements to Fermi Drive, Curie Street and Salk Avenue.

PROJECT ASSUMPTIONS

Washington State approved the City's application to create the RAISE effective January 1, 2011, and allowed the City to use Local Revitalization Financing (LRF) to fund public infrastructure projects within the same area. LRF uses tax increment revenues to fund public infrastructure within the RAISE. In all, LRF generates \$660,000 a year, one half of that from Washington State, which will fund roughly \$11.1 million in public infrastructure. Based on new construction since January 2011, the RAISE has generated sufficient revenue to secure state funding.

BENEFITS

Several projects have already been completed, including reconstruction of Fermi and Curie Streets, which supported the development of University Square, a commercial area serving the Tri-Cities Research District. Construction of fiber optics will enhance high-speed broadband access within Richland's technology sector. Infrastructure development in Horn Rapids supported the recruitment of Schaeffer Industries Steel, development of a rail loop and related commodities handling facilities, and an automated cold storage facility.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
UNIVERSITY SQUARE (FERMI/CURIE)	612,292	612,292	-						
HORN RAPIDS IND PRK (LOGSTON UTILITY)	1,370,151	1,229,582	140,569						
HR IND PRK (1ST, ROBERTSON, ROAD A)	3,185,118		3,185,118						
NORTH RICHLAND FIBER OPTIC BACKBONE	1,032,498	32,498	1,000,000						
SI STEEL RECRUITMENT	300,000		300,000						
PROJECT LOOP	500,000		500,000						
TAX INCREMENT FINANCE REMAINDER	2,302,269			2,302,269					
ROBERTSON FRONTAGE ROAD	900,000				900,000				
FUTURE PROJECTS (TBD)	914,882				914,882				
TOTAL	\$ 11,117,210	\$ 1,874,372	\$ 5,125,687	\$ 2,302,269	\$ 1,814,882	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/12	Authorized Budget Remaining in 2013	2015	2016	2017	2018	2019	2020
GENERAL OBLIGATION BOND PROCEEDS	11,117,210	11,117,210							
	-								
	-								
	-								
TOTAL	\$ 11,117,210	\$ 11,117,210	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs		Authorized Budget Remaining in 2013	2015	2016	2017	2018	2019	2020-2030
BOND PAYMENT (CITY INCREMENT)	5,820,024		292,622	281,958	268,846	255,198	251,448	233,915	4,236,037
BOND PAYMENT (OTHER CITY FUNDING)	-								
BOND PAYMENT (BENTON CO/PORT BENTON)	2,051,327		36,000	45,000	61,000	70,000	75,500	92,833	1,670,994
BOND PAYMENT (STATE FUNDING)	7,920,000		330,000	330,000	330,000	330,000	330,000	330,000	5,940,000
TOTAL	\$ 15,791,351	-	\$ 658,622	\$ 656,958	\$ 659,846	\$ 655,198	\$ 656,948	\$ 656,748	\$ 11,847,031

City View & Truman Avenue Extension

Type of Project Municipal		Partnership Project? NO	Project # MN140015	
Key # 4	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: City View & Truman Avenue Extension				
PROJECT ADMINISTRATION: Community and Development Services				
PROJECT LOCATION: City View & Truman Avenue				
PROJECT TIMELINE: 01/2015 - 12/2015				
RESPONSE TO *GMA LEVEL OF SERVICE? NO				

PROJECT DESCRIPTION

Partner with the adjacent private property owner to complete the City's side of Truman Avenue from existing north end to City View Drive. Total project will construct 700 feet of 3 lane roadway with curb, gutter, and sidewalk with remaining utilities. The bulk of this will a development requirement of the proposed Energy Northwest emergency operations center. The Cities portion adjacent to City held land will complete the easterly most travel lane and curb, gutter and sidewalk adjacent to City shops property. A complete street in this are will help to improve the value of the City's remaining commercial property in this area.

PROJECT ASSUMPTIONS

The City sold the adjacent property for \$555,400 and set aside \$330,000 of the sale proceeds for improvement of the City's side of the street adjacent to the City shops.

BENEFITS

Completes the City's obligation to conform to our own development standards. Increases the City's inventory of ready to build land. Increased potential tax revenues and jobs.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	75,000				75,000				
CONSTRUCTION MANAGEMENT	75,000				75,000				
CONSTRUCTION	660,000				660,000				
10% CONTINGENCY	90,000				90,000				
	-								
TOTAL	\$ 900,000	\$ -	\$ -	\$ -	\$ 900,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
INDUSTRIAL DEVELOPMENT FUND	330,000				330,000				
PRIVATE FUNDING	570,000				570,000				
	-								
TOTAL	\$ 900,000	\$ -	\$ -	\$ -	\$ 900,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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 site				
PROJECT TIMELINE: 2015 - 2030				
RESPONSE TO *GMA LEVEL OF SERVICE? NO				

PROJECT DESCRIPTION

The city-wide equipment replacement program is reviewed by the Equipment Replacement Task Team. For years 2023 to 2030, an estimated amount of \$1,140,000 per year is included. Year 2015 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
EQUIPMENT REPLACEMENT PROGRAM	32,014,202			1,136,700	4,091,813	2,668,157	3,158,180	3,465,889	17,493,463
	-								
	-								
TOTAL	\$ 32,014,202	\$ -	\$ -	\$ 1,136,700	\$ 4,091,813	\$ 2,668,157	\$ 3,158,180	\$ 3,465,889	\$ 17,493,463
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
ELECTRIC FUND	3,215,179			-	321,312	105,856	430,553	559,210	1,798,248
WATER FUND	1,796,727			35,800	73,381	186,654	207,565	105,539	1,187,788
WASTEWATER FUND	2,305,998			26,000	705,358	32,490	254,486	218,791	1,068,873
SOLID WASTE FUND	9,236,084			322,100	1,063,571	1,184,850	1,300,000	745,000	4,620,563
STORMWATER FUND	635,145			-	210,357	-	-	241,044	183,744
PW ADMIN & ENGINEERING	456,760			-	-	-	108,237	-	348,523
GENERAL FUND	12,048,953			578,800	1,701,457	875,524	726,675	902,627	7,263,870
STREETS FUND (GF)	1,550,766			-	16,377	149,426	48,911	498,798	837,254
EQUIPMENT MAINTENANCE FUND (GF)	215,110			-	-	133,357	81,753	-	-
CRIMINAL JUSTICE FUND	553,480			174,000	-	-	-	194,880	184,600
TOTAL	\$ 32,014,202	\$ -	\$ -	\$ 1,136,700	\$ 4,091,813	\$ 2,668,157	\$ 3,158,180	\$ 3,465,889	\$ 17,493,463
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

I.T. Strategic Plan

Type of Project Municipal		Partnership Project? NO	Project # MN140017	
Key # 1	Goal # 4	Strategic Leadership Plan Project? No		
PROJECT NAME: I.T. Strategic Plan				
PROJECT ADMINISTRATION: City Administration				
PROJECT LOCATION: City sites				
PROJECT TIMELINE: 2015 - 2030				
RESPONSE TO *GMA LEVEL OF SERVICE? NO				

PROJECT DESCRIPTION

The city-wide Information Technology Strategic Plan is formulated and reviewed by the I.T. Governance Committee for the software and hardware replacement program. Estimates are provided for all years listed below.

PROJECT ASSUMPTIONS

BENEFITS

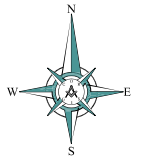
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
IT STRATEGIC PLAN	8,000,000			500,000	500,000	500,000	500,000	500,000	5,500,000
ERP SYSTEM	3,000,000				250,000	1,375,000	1,375,000		
	-								
	-								
TOTAL	\$ 11,000,000	\$ -	\$ -	\$ 500,000	\$ 750,000	\$ 1,875,000	\$ 1,875,000	\$ 500,000	\$ 5,500,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
GENERAL FUND	4,204,500			120,000	291,750	729,375	729,375	194,500	2,139,500
ELECTRIC FUND	3,636,300			97,800	252,750	631,875	631,875	168,500	1,853,500
WATER FUND	1,382,400			38,400	96,000	240,000	240,000	64,000	704,000
WASTEWATER FUND	928,800			25,800	64,500	161,250	161,250	43,000	473,000
SOLID WASTE FUND	270,000			7,500	18,750	46,875	46,875	12,500	137,500
STORMWATER FUND	194,400			5,400	13,500	33,750	33,750	9,000	99,000
MEDICAL SERVICES FUND	183,600			5,100	12,750	31,875	31,875	8,500	93,500
UNFUNDED	200,000			200,000					
	-								
TOTAL	\$ 11,000,000	\$ -	\$ -	\$ 500,000	\$ 750,000	\$ 1,875,000	\$ 1,875,000	\$ 500,000	\$ 5,500,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Transportation







CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

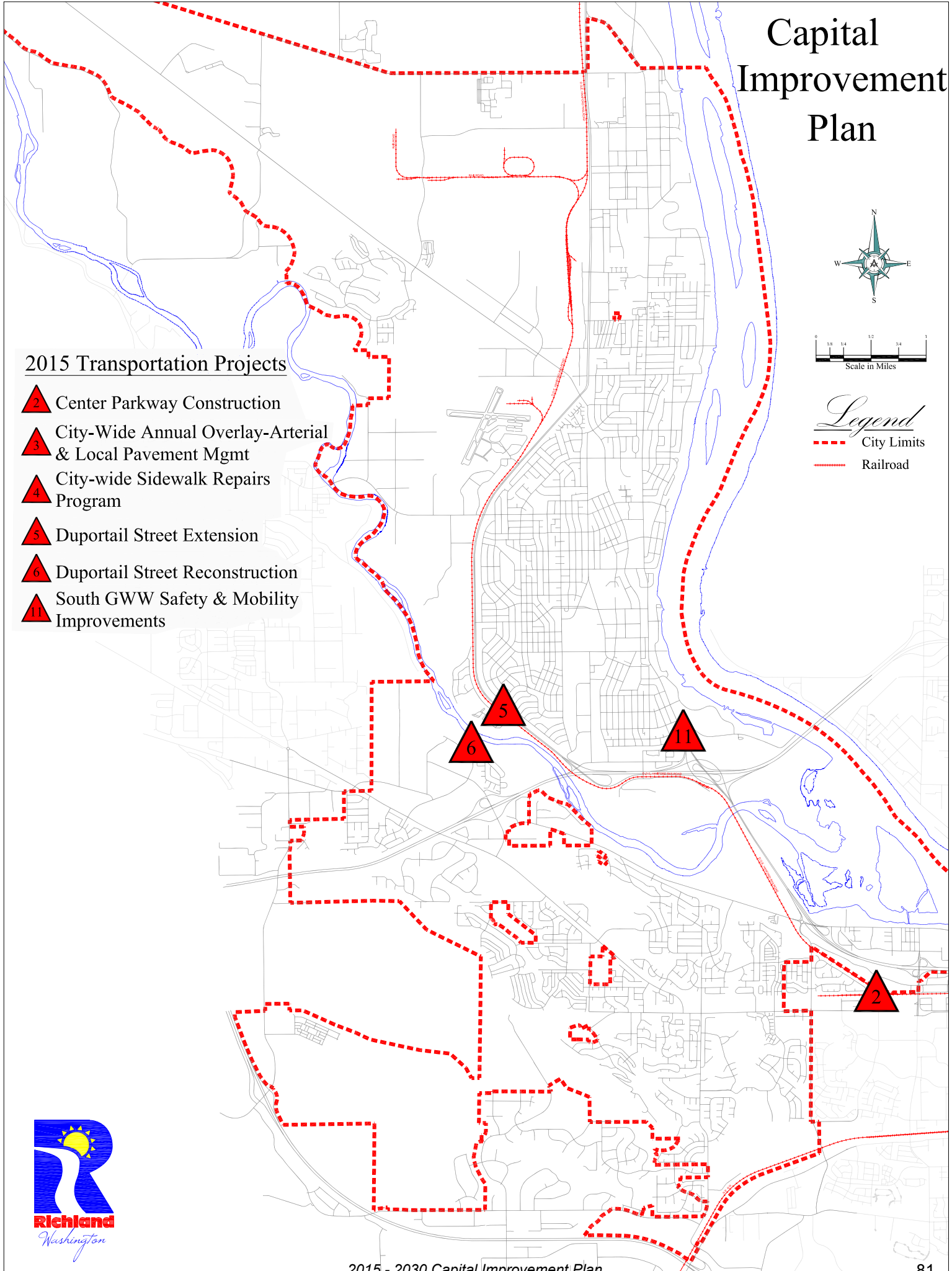
Capital Improvement Plan



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

2015 Transportation Projects

-  Center Parkway Construction
-  City-Wide Annual Overlay-Arterial & Local Pavement Mgmt
-  City-wide Sidewalk Repairs Program
-  Duportail Street Extension
-  Duportail Street Reconstruction
-  South GWW Safety & Mobility Improvements





Capital Improvement Plan

2015 thru 2030

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Transportation Projects

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Transportation										
PROJECT COSTS										
Center Parkway Construction	TR130002	2,592,490	2,378,788	500,000	0	0	0	0	0	5,471,278
City-Wide Annual Overlay-Arterial & Local Pavement Mgmt	TR130003	13,212,401	1,200,000	1,200,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	26,612,401
City-wide Sidewalk Repairs Program	TR130004	126,974	33,852	10,000	100,000	100,000	100,000	100,000	100,000	670,826
Columbia Park Trail Improvements - East	TR140016	0	0	0	0	0	1,288,304	0	0	1,288,304
Duportail Street Bridge - Council Strategy	TR130001	2,088,547	1,374,265	0	0	1,394,438	33,660,000	0	0	38,517,250
Duportail Street Extension	TR130005	0	450,000	1,740,000	0	0	0	0	0	2,190,000
Duportail Street Reconstruction	TR130006	0	225,000	1,353,000	0	0	0	0	0	1,578,000
Queensgate Drive Extension	TR140018	0	51,150	0	0	100,000	900,000	0	0	1,051,150
Queensgate Pathway	TR130008	0	125,470	0	0	0	0	0	0	125,470
Rachael Road	TR140019	0	0	0	0	0	150,000	400,000	1,800,000	2,350,000
South GWW Safety & Mobility Improvements	TR130011	26,924	529,576	0	283,500	6,816,500	0	0	0	7,656,500
Steptoe Street / Tapleal Drive Intersection Improvements	TR140017	0	0	0	50,000	1,330,000	0	0	0	1,380,000
Stevens Drive South Extension	TR130013	200,645	2,636,249	0	0	0	0	0	0	2,836,894
Swift Corridor Street Improvements	TR130014	0	0	0	1,365,000	0	0	0	0	1,365,000
Vantage Highway Pathway - Phase 1	TR130015	0	0	0	720,000	0	0	0	0	720,000
Vantage Highway Pathway - Phase II	TR140020	0	0	0	0	0	0	0	720,000	720,000
Transportation Total:		18,247,981	9,004,350	4,803,000	4,718,500	11,940,938	38,298,304	2,700,000	4,820,000	94,533,073

FUNDING SOURCES

2013 BFCOG STP Funding Dist	0	1,056,000	0	0	0	0	0	0	0	1,056,000
2014-2015 BFCOG STP Funding Dist	0	0	0	0	0	1,115,550	2,022,888	0	0	3,138,438
Business License Reserve Fund	0	0	0	0	150,000	25,000	25,000	25,000	25,000	250,000
CDBG Funds	0	0	0	0	65,000	65,000	65,000	65,000	65,000	325,000
City of Kennewick (RR Negotiation)	1,070,278	0	0	0	0	0	0	0	0	1,070,278
Developer Contribution (ROW)	0	136,000	0	0	0	0	0	0	0	136,000
Federal Appropriation (2013 Budget)	222,790	102,593	0	0	0	0	0	0	0	325,383
General Fund	739,520	275,000	827,943	0	0	0	0	0	0	1,842,463
General Fund (in Lieu of PWTF Debt Svc)	251,250	0	0	0	0	0	0	0	0	251,250
Grant	642,801	3,895,169	2,565,440	0	0	0	16,500,000	0	0	23,603,410
Grant - STP - Urban	524,990	0	0	0	0	0	0	0	0	524,990
Grant Funds (Unsecured)	0	0	4,550,000	5,020,000	20,000	1,132,383	0	0	680,000	11,402,383
Impact Fees	0	51,150	0	0	0	80,000	1,032,000	400,000	1,800,000	3,363,150
Industrial Development Fund	500,000	0	0	0	0	0	0	0	0	500,000
Land Sales	0	11,894	0	0	0	0	0	0	0	11,894
LTGO 98 Fund	500,578	214,422	0	0	0	0	0	0	0	715,000
Private Investment	0	0	0	50,000	1,330,000	0	0	0	0	1,380,000
Public Works Trust Fund Loan	750,000	0	0	0	0	0	0	0	0	750,000
REET-RE Excise Tax 1st 1/4%	660,454	105,372	285,480	40,000	110,000	173,921	0	0	40,000	1,415,227
REET-RE Excise Tax 2nd 1/4%	2,685,064	399,500	402,080	310,000	300,000	310,000	310,000	310,000	310,000	5,026,644
Revenue Bonds - Debt Service by TBD Fee	0	0	0	0	0	278,888	15,137,112	0	0	15,416,000
STP Fund (Secured-COG)	0	1,856,000	0	0	0	0	0	0	0	1,856,000
Street Fund - Fuel Tax	1,605,248	203,000	0	203,000	203,000	203,000	203,000	203,000	203,000	2,823,248
Street Fund - Utility Charges	2,460,017	204,000	0	204,000	204,000	204,000	204,000	204,000	204,000	3,684,017
Street Fund - Utility Occupation Tax	5,636,241	493,000	0	493,000	493,000	493,000	493,000	493,000	493,000	8,594,241
Unfunded	0	0	72,057	600,000	600,000	600,000	600,000	600,000	600,000	3,072,057
Unfunded (Gas tax)	0	0	0	400,000	400,000	400,000	400,000	400,000	400,000	2,000,000
Transportation Total:		18,249,231	9,003,100	8,703,000	7,535,000	5,224,438	38,298,304	2,700,000	4,820,000	94,533,073

Duportail Street Bridge - 2013 Council Strategy

Type of Project		Partnership Project?	Project #
Transportation		YES	TR130001
Key #	Goal #	Strategic Leadership Plan Project?	Yes
2	1		
PROJECT NAME:	Duportail Street Bridge - 2013 Council Strategy		
PROJECT ADMINISTRATION:	Public Works Administration and Engineering		
PROJECT LOCATION:	Duportail Street over the Yakima River from SR 240 to Queensgate		
PROJECT TIMELINE:	03/2008 - 2016		
RESPONSE TO *GMA LEVEL OF SERVICE?	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 a combined bike/pedestrian pathway on the north 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 by reducing the need to merge onto 70 mph I-182. 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

A 2007 public process selected the Duportail Bridge as the preferred project to address traffic congestion and connectivity to downtown and south Richland. Since that time the City Council has identified acquiring state or federal funding support as its highest legislative priority. On several occasions Council has supported making a commitment to contribute \$10,000,000 in City funds to partner with a State or Federal partner. Funding this project is particularly complex because no specific state or federal program can be counted on and thus many alternative funding scenarios are possible. Staff assumes that the City Council will support City funding of at least the \$10,000,000 previously discussed and that the City funding will be in the form of a revenue bond. For purposes of discussion, staff is showing the debt service funded from a transportation benefit district using the state-authorized \$20 annual vehicle license fee, initially generating approximately \$817,000 annually.

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN & ENVIRONMENTAL REVIEW	3,600,000	2,082,172	123,390			1,394,438			
RIGHT OF WAY ACQUISITION	1,257,250	6,375	1,250,875						
CONSTRUCTION	27,872,727						27,872,727		
10% CONTINGENCY	2,787,273						2,787,273		
CONSTRUCTION MANAGEMENT	3,000,000						3,000,000		
	-								
TOTAL	\$ 38,517,250	\$ 2,088,547	\$ 1,374,265	\$ -	\$ -	\$ 1,394,438	\$33,660,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
STP - URBAN GRANT	524,990	524,990							
CAPITAL IMPROVEMENT FUND (REET-2)	47,000	47,000							
STREET FUND - FUEL TAX	208,189	208,189							
PUBLIC WORKS TRUST FUND LOAN	750,000	750,000							
GENERAL FUND (IN LIEU OF PWF DEBT SVC)	251,250	251,250							
FEDERAL APPROPRIATION (2013 BUDGET)	325,383	222,790	102,593						
LTGO 98 FUND	300,000	85,578	214,422						
2013 BFCOG STP FUNDING DIST.	1,056,000		1,056,000						
WASHINGTON STATE GRANT	16,500,000						16,500,000		
2014-2015 BFCOG STP FUNDING DIST.	3,138,438					1,115,550	2,022,888		
REVENUE BONDS - DEBT SERVICED BY TRANSPORTATION BENEFIT DIST. FEE (\$20 CAR TAB FEE)	15,416,000					278,888	15,137,112		
	-								
	-								
TOTAL	\$ 38,517,250	\$ 2,089,797	\$ 1,373,015	\$ -	\$ -	\$ 1,394,438	\$33,660,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Center Parkway Construction

Type of Project Transportation		Partnership Project? <input type="checkbox"/> YES	Project # TR130002	
Key # 2	Goal # 1	Strategic Leadership Plan Project? No		
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?	<input type="checkbox"/> YES			

PROJECT DESCRIPTION

Construction of a new 3 land 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

Partner with City of Kennewick - Richland is the lead agency. The project requires significant right of way acquisition. Legal and expert witness costs to secure the WUTC permit were higher than included in project budgets and have created a funding shortfall. The proposed 2015 funding would achieve full funding based on estimates for right of way acquisition and construction. Right of way acquisition may introduce both schedule and cost uncertainties. *(The TIB Grant of \$257,212 in 2013 is pending the outcome of the Tri-City Railroad appeals to WUTC permit).*

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 capacity in the area.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	50,000		50,000						
CONSTRUCTION MANAGEMENT	50,000		50,000						
CONSTRUCTION	2,073,534		1,623,534	450,000					
10% CONTINGENCY	212,353		162,353	50,000					
OTHER ENG. SERV (ROAD NEGOTIATIONS)	2,305,391	2,305,391	-						
OTHER ENG. SERV (ROW ACQUISITION)	780,000	287,099	492,901						
TOTAL	\$ 5,471,278	\$ 2,592,490	\$ 2,378,788	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
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	250,000		45,000					
TIB GRANT	644,000	257,212	386,788						
DEVELOPER CONTRIBUTION (ROW)	136,000		136,000						
STP FUND (SECURED-COG)	1,856,000		1,856,000						
TIB GRANT (UNSECURED)	225,000			225,000					
STP FUND (UNSECURED-COG)	225,000			225,000					
TOTAL	\$ 5,471,278	\$ 2,592,490	\$ 2,378,788	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

City-Wide Annual Overlay-Arterial & Local Pavement Mgmt

Type of Project Transportation		Partnership Project? <input type="checkbox"/> NO	Project # 1R130003	
Key # 2	Goal # 2	Strategic Leadership Plan Project? No		
PROJECT NAME: City-Wide Annual Overlay-Arterial & Local Pavement Mgmt				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: City-wide				
PROJECT TIMELINE: Ongoing				
RESPONSE TO *GMA LEVEL OF SERVICE? <input checked="" type="checkbox"/> YES				

PROJECT DESCRIPTION

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

PROJECT ASSUMPTIONS

This project is funded by a combination of funding sources, including a portion of fuel taxes distributed by Washington State, a commercial street utility charge, a locally voted increment of utility taxes, and a dedicated distribution of real estate excise tax. Competing demands for some of these funding sources would require adjustments to the program. Analysis of the life-cycle maintenance needs for City streets is projecting a need for increased funding. Revenue sources are being evaluated for that need, some of which will require legislative action.

BENEFITS

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

PROJECT COST ESTIMATE		Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	26,612,401	13,212,401	1,200,000	1,200,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 26,612,401	\$ 13,212,401	\$ 1,200,000	\$ 1,200,000	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
STREET FUND-FUEL TAX	2,601,559	1,383,559	203,000		203,000	203,000	203,000	203,000	203,000
STREET FUND-UTILITY CHARGES	3,684,017	2,460,017	204,000		204,000	204,000	204,000	204,000	204,000
STREET FUND- UTILITY OCCUPATION TAX	8,594,241	5,636,241	493,000		493,000	493,000	493,000	493,000	493,000
GENERAL FUND	1,567,463	739,520		827,943					
WA DOT SAFETY GRANT	200,000	200,000							
RE EXCISE TAX 1ST 1/4%	435,000	435,000							
RE EXCISE TAX 2ND 1/4%	4,458,064	2,358,064	300,000	300,000	300,000	300,000	300,000	300,000	300,000
UNFUNDED (GAS TAX)	2,000,000				400,000	400,000	400,000	400,000	400,000
UNFUNDED	3,072,057			72,057	600,000	600,000	600,000	600,000	600,000
TOTAL	\$ 26,612,401	\$ 13,212,401	\$ 1,200,000	\$ 1,200,000	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

City-wide Sidewalk Repairs Program

Type of Project Transportation		Partnership Project? NO	Project # TR130004	
Key # 2	Goal # 2	Strategic Leadership Plan Project? No		
PROJECT NAME: City-wide Sidewalk Repairs Program				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: City-wide				
PROJECT TIMELINE: Ongoing				
RESPONSE TO *GMA LEVEL OF SERVICE? YES				

PROJECT DESCRIPTION

Sidewalk repair and handicap ramp reconstruction program to reduce / eliminate existing impediments 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. Staff is currently inventorying existing conditions and drafting an ADA Transition Plan to prioritize retrofit effort and funds. The Transition Plan will be presented to City Council in late 2014 or early 2015.

PROJECT ASSUMPTIONS

Either through original construction or wear and tear there are many locations in the City that present obstacles to pedestrian use, especially for residents with limited physical capabilities. This project assumes that the City will prepare and adopt an ADA Transition Plan that dedicates resources to 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	670,826	126,974	33,852	10,000	100,000	100,000	100,000	100,000	100,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 670,826	\$ 126,974	\$ 33,852	\$ 10,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
RE EXCISE TAX 1ST 1/4%	190,826	126,974	33,852	10,000	10,000	10,000			
RE EXCISE TAX 2ND 1/4%	30,000						10,000	10,000	10,000
CDBG FUNDS	325,000				65,000	65,000	65,000	65,000	65,000
BUSINESS LICENSE RESERVE	125,000				25,000	25,000	25,000	25,000	25,000
	-								
	-								
TOTAL	\$ 670,826	\$ 126,974	\$ 33,852	\$ 10,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Duportail Street Extension

Type of Project		Partnership Project?		Project #	
Transportation		NO		TR130005	
Key #	Goal #	Strategic Leadership Plan Project?			
2	1	No			
PROJECT NAME: Duportail Street Extension					
PROJECT ADMINISTRATION: Public Works Administration and Engineering					
PROJECT LOCATION: Duportail Street from Wellsian Way to Robert Avenue					
PROJECT TIMELINE: 2014 - 2015					
RESPONSE TO *GMA LEVEL OF SERVICE? YES					

PROJECT DESCRIPTION

Construct a new street with sidewalks, curb and gutter, water, sewer, storm drainage, street lights and bike lanes, including intersection improvements at Duportail Street and Thayer Drive.

PROJECT ASSUMPTIONS

The project received grant funds from the Washington State Transportation Improvement Board as part of the Duportail Street Corridor project in the amount of \$1,624,520 or 80%. An engineering study will recommend an intersection design for the Duportail / Thayer intersection. The outcome of the study, which will include a public involvement process, may change the right of way acquisition requirements and timeline for the project construction.

BENEFITS

This project will provide improved connectivity and mobility as part of the Duportail / Stevens corridor improvements.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	125,000		125,000						
CONSTRUCTION MANAGEMENT	50,000			50,000					
CONSTRUCTION	1,240,909			1,240,909					
10% CONTINGENCY	124,091			124,091					
OTHER ENG. SRCES (ROW ACQUISITION)	650,000		325,000	325,000					
	-								
TOTAL	\$ 2,190,000	\$ -	\$ 450,000	\$ 1,740,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
TIB FUNDS (SECURED)	1,829,520		360,000	1,469,520					
RE EXCISE TAX 1ST 1/4%	270,480			270,480					
RE EXCISE TAX 2ND 1/4%	90,000		90,000						
	-								
	-								
TOTAL	\$ 2,190,000	\$ -	\$ 450,000	\$ 1,740,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Duportail Street Reconstruction

Type of Project Transportation		Partnership Project? NO	Project # TR130006	
Key # 2	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: Duportail Street Reconstruction				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Duportail Street from Cottonwood Drive to Thayer Drive				
PROJECT TIMELINE: 2014 - 2015				
RESPONSE TO *GMA LEVEL OF SERVICE? YES				

PROJECT DESCRIPTION

Reconstruct roadway to provide 2 travel lanes, bike lanes, curb, gutter & sidewalk on both sides, storm drainage, and street lights. Based on community design development process the project may also include streetscape and on-street parking features. Also includes reconfiguring the Duportail Street / Wright Avenue intersection.

PROJECT ASSUMPTIONS

The project received grant funds from the Washington State Transportation Improvement Board as part of the Duportail Street Corridor project in the amount of \$1,262,400 or 80%. It also received \$20,000 in Federal TAP-UP and \$229,020 in Federal STP-UL funds in 2014. An engineering study will recommend an intersection design for the Duportail / Wright intersection. The outcome of the study, which will include a public involvement process, may change the right of way acquisition requirements and timeline for the project construction.

BENEFITS

Improve the current unsatisfactory roadway surface and provide bicycle and pedestrian features as part of Duportail / Stevens Corridor improvements.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	125,000		125,000						
CONSTRUCTION MANAGEMENT	50,000			50,000					
CONSTRUCTION	1,184,545			1,184,545					
10% CONTINGENCY	118,455			118,455					
OTHER ENG. SERVICES (ROW ACQUISITION)	100,000		100,000						
	-								
TOTAL	\$ 1,578,000	\$ -	\$ 225,000	\$ 1,353,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
TIB FUNDS (SECURED)	1,062,400		180,000	882,400					
RE EXCISE TAX 1ST 1/4%	-								
RE EXCISE TAX 2ND 1/4%	66,580		9,500	57,080					
STP-UL FUNDS (SECURED)	229,020		15,500	213,520					
TAP-UL FUNDS (SECURED)	20,000		20,000						
STP FUNDS (UNSECURED-COG)	200,000			200,000					
	-								
TOTAL	\$ 1,578,000	\$ -	\$ 225,000	\$ 1,353,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Queensgate Pathway

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Project # TR130008
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i> <input type="text" value="No"/>	
PROJECT NAME: <input type="text" value="Queensgate Pathway"/>			
PROJECT ADMINISTRATION: <input type="text" value="Public Works Administration and Engineering"/>			
PROJECT LOCATION: <input type="text" value="Queensgate Drive from Keene Road to Columbia Park Trail"/>			
PROJECT TIMELINE: <input type="text" value="2014 - 2015"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="NO"/>			

PROJECT DESCRIPTION

Construct a 12' asphalt multi-use pathway on the east side of Queensgate Drive.

PROJECT ASSUMPTIONS

The project received TAP-UL funds from the Benton Franklin Council of Governments, which is estimated to complete the needed funding. No matching funds are required. The project development will include design and environmental reviews, which may introduce unforeseen issues to be addressed. In addition, Public Works is currently conducting a transportation planning study on the future needs for Queensgate, which may result in changes to the alignment and placement of the pathway. The study should be complete in late 2014.

BENEFITS

This project will provide safer mobility for bicycle and pedestrian users and complete an off-road connection to a regional system of trails.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	15,000		15,000						
CONSTRUCTION MANAGEMENT	3,060		3,060						
CONSTRUCTION	61,280		61,280						
10% CONTINGENCY	6,130		6,130						
OTHER ENG. SRCES (ROW ACQUISITION)	40,000		40,000						
	-								
TOTAL	\$ 125,470	\$ -	\$ 125,470	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
TAP-UL FUNDS (SECURED)	125,470		125,470						
	-								
	-								
	-								
	-								
TOTAL	\$ 125,470	\$ -	\$ 125,470	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

South GWW Safety & Mobility Improvements

Type of Project		Partnership Project?		Project #	
Transportation		NO		TR130011	
Key #	Goal #	Strategic Leadership Plan Project?			
2	1	No			
PROJECT NAME: South GWW Safety & Mobility Improvements					
PROJECT ADMINISTRATION: Public Works Administration and Engineering					
PROJECT LOCATION: GWW at the Columbia Point Intersection to Comstock					
PROJECT TIMELINE: 2013 - 2016					
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 project is currently in the design development phase, with several alternatives and features under consideration.

PROJECT ASSUMPTIONS

The project received grant funds the Washington State Department of Transportation from its local street safety program several years ago. The original grant award was warranted by a pattern of numerous serious accidents, but at the time of the grant award a thorough review of preferred solutions was not available. The detailed planning is now underway, with the City, its consultant, and WSDOT working collaboratively to develop a preferred solution. The project will require substantial grant funding in addition to that already secured and a final selection of the design concept to be implemented.

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	281,000	26,924	120,576		133,500				
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	6,599,818		403,000			6,196,818			
10% CONTINGENCY	619,682					619,682			
OTHER ENG. SRCES (ROW ACQUISITION)	156,000		6,000		150,000				
	-								
TOTAL	\$ 7,656,500	\$ 26,924	\$ 529,576	\$ -	\$ 283,500	\$ 6,816,500	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
HSIP FUNDS (SECURED)	445,000	26,924	418,076						
STP-UL FUNDS (SECURED)	86,500		86,500						
RE EXCISE TAX 1ST 1/4%	125,000		25,000			100,000			
WS DOT SAFETY GRANT (UNSECURED)	3,900,000			3,900,000					
TIB GRANT (UNSECURED)	2,800,000				2,800,000				
STP FUNDS (UNSECURED - COG)	300,000				300,000				
	-								
TOTAL	\$ 7,656,500	\$ 26,924	\$ 529,576	\$ 3,900,000	\$ 3,100,000	\$ 100,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Stevens Drive South Extension

Type of Project		Partnership Project?		Project #	
Transportation		NO		TR130013	
Key #	Goal #	Strategic Leadership Plan Project?			
2	1	No			
PROJECT NAME: Stevens Drive South Extension					
PROJECT ADMINISTRATION: Public Works Administration and Engineering					
PROJECT LOCATION: Stevens Drive between Lee Blvd and Wellsian Way					
PROJECT TIMELINE: 2014					
RESPONSE TO *GMA LEVEL OF SERVICE? NO					

PROJECT DESCRIPTION

Construction of a new 3 lane street with sidewalks, curb, gutter, water, sewer, storm drainage, street lights, street trees and bicycle lanes.

PROJECT ASSUMPTIONS

Grant funding has been secured from TIB and WA DOT. The project requires significant right of way acquisition. The right of way acquisition process may introduce schedule and cost changes.

BENEFITS

This project improves mobility and connectivity as part of the Duportail / Stevens corridor improvement. In addition the project will provide new commercial street frontage lots that may lead to redevelopment that aligns with the City's downtown revitalization vision.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	75,000		75,000						
CONSTRUCTION MANAGEMENT	75,000		75,000						
CONSTRUCTION	2,022,727		2,022,727						
10% CONTINGENCY	202,273		202,273						
OTHER ENG. SRCES (FEASIBILITY STUDY)	50,000		50,000						
OTHER ENG. SRCES (ROW ACQUISITION)	411,894	200,645	211,249						
TOTAL	\$ 2,836,894	\$ 200,645	\$ 2,636,249	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
RE EXCISE TAX 1ST 1/4%	145,000	98,480	46,520						
RE EXCISE TAX 2ND 1/4%	30,000	30,000	-						
GENERAL FUND	275,000		275,000						
TIB GRANT	1,110,000	51,966	1,058,034						
WA DOT GRANT	1,265,000	20,199	1,244,801						
LAND SALE PROCEEDS (ROW)	11,894		11,894						
TOTAL	\$ 2,836,894	\$ 200,645	\$ 2,636,249	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Swift Corridor Street Improvements

Type of Project		Partnership Project?		Project #	
Transportation		NO		TR130014	
Key #	Goal #	Strategic Leadership Plan Project?			
2	1	No			
PROJECT NAME: Swift Corridor Street Improvements					
PROJECT ADMINISTRATION: Public Works Administration and Engineering					
PROJECT LOCATION: Swift Blvd. from Stevens Drive to George Washington Way					
PROJECT TIMELINE: 2015 - 2016					
RESPONSE TO *GMA LEVEL OF SERVICE? YES					

PROJECT DESCRIPTION

Mill and overlay street, widen sidewalks, add decorative street lighting, irrigation, on-street parking, bicycle lanes and street trees. The project design is based on the public review process conducted as part of the 2012 downtown revitalization planning effort.

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

The project will support the City's redevelopment goals for the Swift Corridor by enhancing the street environment to support non-motorized travel and adding visual enhancements.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	80,000				80,000				
CONSTRUCTION MANAGEMENT	80,000				80,000				
CONSTRUCTION	1,095,455				1,095,455				
10% CONTINGENCY	109,545				109,545				
OTHER ENG. SERVICES	-								
TOTAL	\$ 1,365,000	\$ -	\$ -	\$ -	\$ 1,365,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GRANT FUNDS (WS DOT-UNSECURED)	1,109,000				1,109,000				
BUSINESS LICENSE RESERVE	125,000				125,000				
GRANT FUNDS (UNSECURED - COG)	131,000				131,000				
TOTAL	\$ 1,365,000	\$ -	\$ -	\$ -	\$ 1,365,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Vantage Highway Pathway - Phase 1

Type of Project Transportation		Partnership Project? NO	Project # TR130015	
Key # 2	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: Vantage Highway Pathway - Phase 1				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Along SR-240 from Stevens Drive to Kingsgate Way				
PROJECT TIMELINE: 2015 - 2016				
RESPONSE TO *GMA LEVEL OF SERVICE? 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	60,000				60,000				
CONSTRUCTION MANAGEMENT	60,000				60,000				
CONSTRUCTION	545,455				545,455				
10% CONTINGENCY	54,545				54,545				
OTHER ENG. SRCES (ROW ACQUISITION)	-								
	-								
TOTAL	\$ 720,000	\$ -	\$ -	\$ -	\$ 720,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GRANT FUNDS (UNSECURED)	680,000				680,000				
RE EXCISE TAX 1ST 1/4%	30,000				30,000				
RE EXCISE TAX 2ND 1/4%	10,000				10,000				
	-								
	-								
TOTAL	\$ 720,000	\$ -	\$ -	\$ -	\$ 720,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Columbia Park Trail Improvements - East

Type of Project Transportation		Partnership Project? <input type="checkbox"/> NO	Project # TR140016	
Key # 2	Goal # 1	Strategic Leadership Plan Project? <input type="checkbox"/> 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="checkbox"/> 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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	30,000						30,000		
CONSTRUCTION MANAGEMENT	30,000						30,000		
CONSTRUCTION	1,116,640						1,116,640		
10% CONTINGENCY	111,664						111,664		
OTHER ENG. SRCES	-								
TOTAL	\$ 1,288,304	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,288,304	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GRANT FUNDS (UNSECURED - COG)	1,114,383						1,114,383		
RE EXCISE TAX 1ST 1/4%	173,921						173,921		
	-								
	-								
TOTAL	\$ 1,288,304	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,288,304	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Steptoe Street / Tapteal Drive Intersection Improvements

Type of Project: Partnership Project? Project #

Key # Goal # Strategic Leadership Plan Project?

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

Realign Tapteal Drive and Steptoe Street intersection by constructing a new roundabout. 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 Tapteal Business Park dictates. A majority of project funding will come from grant funds or in association with a private land development action. The project requires right of way acquisition from the Port of Benton and Tri-City Railroad and may require review of the Washington State Utilities and Transportation at-grade crossing permit. The City's role in completing the project is currently undefined and the factors described above make a schedule for completion uncertain.

BENEFITS

The project would enhance transportation efficiency to the Tapteal 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	30,000					30,000			
CONSTRUCTION MANAGEMENT	30,000					30,000			
CONSTRUCTION	1,154,545					1,154,545			
10% CONTINGENCY	115,455					115,455			
OTHER ENG. SRCES (ROW ACQUISITION)	50,000				50,000				
	-								
TOTAL	\$ 1,380,000	\$ -	\$ -	\$ -	\$ 50,000	\$ 1,330,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
PRIVATE INVESTMENT	1,380,000				50,000	1,330,000			
	-								
	-								
TOTAL	\$ 1,380,000	\$ -	\$ -	\$ -	\$ 50,000	\$ 1,330,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Queensgate Drive Extension

Type of Project Transportation		Partnership Project? <input type="text" value="NO"/>	Project # TR140018
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i> <input type="text" value="No"/>	
PROJECT NAME: <input type="text" value="Queensgate Drive Extension"/>			
PROJECT ADMINISTRATION: <input type="text" value="Public Works Administration and Engineering"/>			
PROJECT LOCATION: <input type="text" value="Queensgate Drive from Shockley Road to Keene Road"/>			
PROJECT TIMELINE: <input type="text" value="2017 - 2018"/>			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	50,000						50,000		
CONSTRUCTION	772,727						772,727		
10% CONTINGENCY	77,273						77,273		
OTHER ENG. SRCES (ROW ACQUISITION)	100,000					100,000			
OTHER ENG. SRCES (STUDY)	51,150		51,150						
TOTAL	\$ 1,051,150	\$ -	\$ 51,150	\$ -	\$ -	\$ 100,000	\$ 900,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
TRAFFIC IMPACT FEES	962,000					80,000	882,000		
GRANT FUNDS (UNSECURED)	38,000					20,000	18,000		
RE EXCISE TAX 1ST 1/4% IMPACT FEES	51,150		51,150						
	-								
	-								
TOTAL	\$ 1,051,150	\$ -	\$ 51,150	\$ -	\$ -	\$ 100,000	\$ 900,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Rachael Road

Type of Project Transportation		Partnership Project? NO	Project # TR140019	
Key # 2	Goal # 1	Strategic Leadership Plan Project? No		
PROJECT NAME: Rachael Road				
PROJECT ADMINISTRATION: Public Works Administration and Engineering				
PROJECT LOCATION: Rachael 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 curb, gutter and sidewalk on both sides of the street. Left turn lanes will be constructed where needed. The first work item to occur will be a alignment study to evaluate alternative alignments along with a no-build alternative.

PROJECT ASSUMPTIONS

According to the south Richland collector street program the preferred method of implementing the project would be for the property owner to complete the majority of the project as part of the Hayden Homes development. The City owns the most westerly end of the proposed road alignment. The City will complete its portion of the project only in coordination and after the Hayden Homes development completes its segments. In addition, the City's segment does not have a final selected alignment, so a planning study will precede design to select a preferred alignment. Finally, the City's segment will only be constructed after full funding is available.

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	100,000							100,000	
CONSTRUCTION MANAGEMENT	100,000								100,000
CONSTRUCTION	1,545,455								1,545,455
10% CONTINGENCY	154,545								154,545
OTHER ENG. SRCES (ROW ACQUISITION)	300,000							300,000	
OTHER ENG. SRCES (STUDY)	150,000						150,000		
TOTAL	\$ 2,350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 400,000	\$ 1,800,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
TRAFFIC IMPACT FEES	2,350,000						150,000	400,000	1,800,000
	-								
	-								
	-								
TOTAL	\$ 2,350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 400,000	\$ 1,800,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Vantage Highway Pathway - Phase II

Type of Project: Partnership Project? Project #

Key # Goal # Strategic Leadership Plan Project?

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.

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.

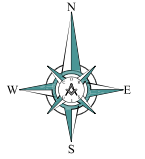
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	30,000								30,000
CONSTRUCTION MANAGEMENT	60,000								60,000
CONSTRUCTION	600,000								600,000
10% CONTINGENCY	-								-
OTHER ENG. SRCES	30,000								30,000
	-								-
TOTAL	\$ 720,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 720,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GRANT FUNDS (UNSECURED)	680,000								680,000
RE EXCISE TAX 1ST 1/4%	40,000								40,000
	-								-
	-								-
	-								-
TOTAL	\$ 720,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 720,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Electric

CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

Capital Improvement Plan

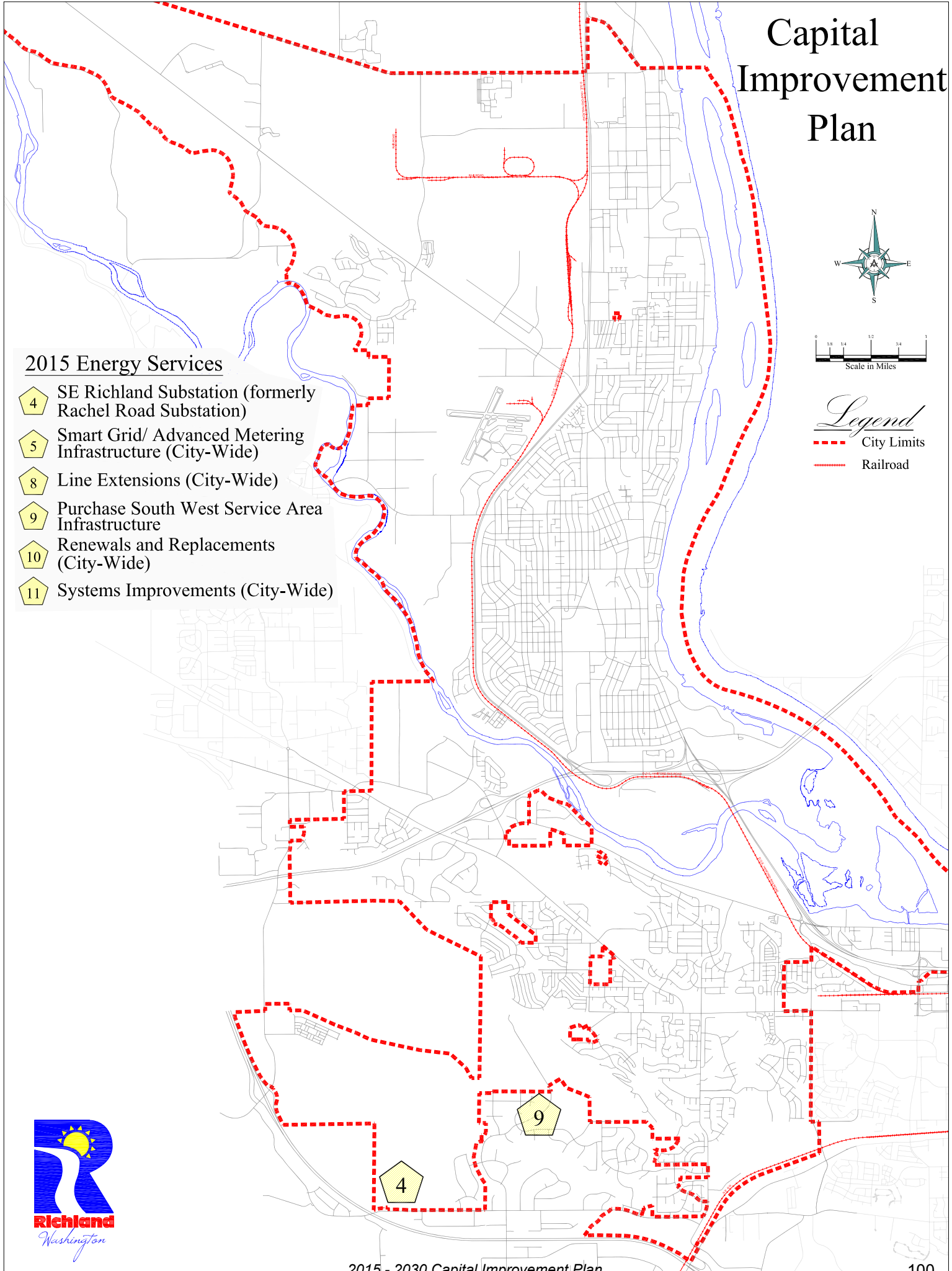


Legend

- City Limits
- Railroad

2015 Energy Services

- 4 SE Richland Substation (formerly Rachel Road Substation)
- 5 Smart Grid/ Advanced Metering Infrastructure (City-Wide)
- 8 Line Extensions (City-Wide)
- 9 Purchase South West Service Area Infrastructure
- 10 Renewals and Replacements (City-Wide)
- 11 Systems Improvements (City-Wide)





Capital Improvement Plan

2015 thru 2030

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Electric Projects

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Electric										
PROJECT COSTS										
Causeway Feeder to Wye Area	ES130006	0	0	0	0	0	860,000	0	0	860,000
Dallas Rd Substation & Major Transmission Power Lines	ES130001	0	0	0	0	1,248,000	1,249,000	3,591,000	3,079,000	9,167,000
Electrical Substation Improvements	ES130007	0	0	0	1,431,000	4,294,000	3,409,000	653,000	2,120,000	11,907,000
Hanford Substation	ES130002	0	0	0	0	0	0	0	4,300,000	4,300,000
Kingsgate Substation (formerly N. Richland Substation)	ES130003	0	0	0	0	0	0	0	4,981,000	4,981,000
Line Extensions	ES130008	0	800,000	800,000	800,000	800,000	800,000	800,000	800,000	5,600,000
Purchase Southwest Service Area Infrastructure	ES130009	0	0	250,000	0	0	0	0	250,000	500,000
Renewals and Replacements	ES130010	0	2,187,000	2,004,000	2,090,000	1,561,000	1,225,000	700,000	2,716,000	12,483,000
SE Richland Substation (formerly Rachel Road Substation)	ES130004	0	0	2,725,000	5,024,000	0	0	0	818,000	8,567,000
Smart Grid / Advanced Metering Infrastructure	ES130005	0	100,000	300,000	300,000	1,727,000	1,827,000	2,300,000	0	6,554,000
Systems Improvements	ES130011	0	1,926,000	2,844,000	1,217,000	1,554,000	3,071,000	2,957,000	565,000	14,134,000
Transformer Maintenance Repair Shops	ES130012	0	0	0	0	0	0	0	600,000	600,000
Electric Total:		0	5,013,000	8,923,000	10,862,000	11,184,000	12,441,000	11,001,000	20,229,000	79,653,000
FUNDING SOURCES										
Bond Proceeds-Debt Service Paid		0	0	0	0	0	0	0	2,500,000	2,500,000
Electric Rate Revenue		0	3,100,000	5,598,000	3,971,000	4,609,000	5,990,000	5,410,000	6,974,000	35,652,000
Facility Fees		0	400,000	700,000	800,000	700,000	700,000	900,000	3,200,000	7,400,000
Grant		0	0	0	0	1,000,000	0	0	0	1,000,000
Revenue Bond Issue		0	1,513,000	2,625,000	6,091,000	4,875,000	5,751,000	4,691,000	7,555,000	33,101,000
Electric Total:		0	5,013,000	8,923,000	10,862,000	11,184,000	12,441,000	11,001,000	20,229,000	79,653,000

Dallas Rd Substation & Major Transmission Power Lines

Type of Project: Partnership Project? Project #

Key #	Goal #	Strategic Leadership Plan Project?	Yes
2	1		

PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

Partner with Bonneville Power Administration (BPA) to 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 will 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	2,009,000							1,275,000	734,000
EXPERT SERVICES	6,083,000					1,141,000	1,142,000	1,800,000	2,000,000
LABOR	258,000					20,000	20,000	140,000	78,000
EQUIPMENT	89,000					5,000	5,000	53,000	26,000
OVERHEAD	227,000					11,000	11,000	138,000	67,000
ENGINEERING	501,000					71,000	71,000	185,000	174,000
TOTAL	\$ 9,167,000	\$ -	\$ -	\$ -	\$ -	\$ 1,248,000	\$ 1,249,000	\$ 3,591,000	\$ 3,079,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY FEES	700,000					100,000	100,000	300,000	200,000
ELECTRIC RATE REVENUE	400,000							400,000	
REVENUE BOND ISSUE (2013)	-								
REVENUE BOND ISSUE (2016)	2,297,000					1,148,000	1,149,000		
GRANT	-								
REVENUE BOND ISSUE (2018)	5,770,000							2,891,000	2,879,000
TOTAL	\$ 9,167,000	\$ -	\$ -	\$ -	\$ -	\$ 1,248,000	\$ 1,249,000	\$ 3,591,000	\$ 3,079,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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 including new PNNL contributions will pay 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. 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 12/31/12	Authorized Budget Remaining in 2013	2015	2016	2017	2018	2019	2020-2030
MATERIAL	300,000								300,000
EXPERT SERVICES	3,000,000								3,000,000
LABOR	100,000								100,000
EQUIPMENT	800,000								800,000
OVERHEAD	100,000								100,000
ENGINEERING	-								
TOTAL	\$ 4,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,300,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/12	Authorized Budget Remaining in 2013	2015	2016	2017	2018	2019	2020-2030
BOND PROCEEDS - DEBT SERVICE PAID BY ELECTRIC UTILITY RATES	2,500,000								2,500,000
FACILITY FEES (DEVELOPER CONTRIBUTIONS)	1,800,000								1,800,000
	-								
	-								
	-								
TOTAL	\$ 4,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,300,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
RETAIL RATES PAY O&M COSTS (UNIT COSTS CURRENTLY BEING ANALYZED)	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Kingsgate Substation (formerly N. Richland Substation)

Type of Project

Electric

Partnership Project?

NO

Project #

ES130003

Key #

2

Goal #

1

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Kingsgate Substation (formerly N. Richland 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? NO

PROJECT DESCRIPTION

New substation for the Horn Rapids Industrial Park. One 28,000 KVA capacity transformer and major materials purchased by City. Substation constructed and commissioned starting in 2022.

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 will pay 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
MATERIAL	1,750,000								1,750,000
EXPERT SERVICES	2,850,000								2,850,000
LABOR	55,000								55,000
EQUIPMENT	15,000								15,000
OVERHEAD	29,000								29,000
ENGINEERING	282,000								282,000
TOTAL	\$ 4,981,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,981,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020-2030
FACILITY FEES	600,000								600,000
ELECTRIC RATE REVENUE	705,000								705,000
REVENUE BOND ISSUE (2018)	3,676,000								3,676,000
	-								
TOTAL	\$ 4,981,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,981,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020-2030
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

SE Richland Substation (formerly Rachel Rd Substation)

Type of Project Electric		Partnership Project? <input type="text" value="NO"/>	Project # ES130004
Key # 2	Goal # 1	<i>Strategic Leadership Plan Project?</i> Yes	
PROJECT NAME: SE Richland Substation (formerly Rachel Rd Substation)			
PROJECT ADMINISTRATION: Energy Services			
PROJECT LOCATION: Near intersection of Leslie & Rachel Roads			
PROJECT TIMELINE: 2015/2016 & 2020			
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 transmission line to serve the new load. Investments in this area will be paid back through rate revenues. Secure land for 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	2,789,000			1,602,000	871,000				316,000
EXPERT SERVICES	3,750,000			250,000	3,500,000				
LABOR	620,000			284,000	156,000				180,000
EQUIPMENT	272,000			129,000	62,000				81,000
OVERHEAD	651,000			306,000	151,000				194,000
ENGINEERING	485,000			154,000	284,000				47,000
TOTAL	\$ 8,567,000	\$ -	\$ -	\$ 2,725,000	\$ 5,024,000	\$ -	\$ -	\$ -	\$ 818,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY FEES	300,000			100,000	200,000				
ELECTRIC RATE REVENUE	818,000								818,000
REVENUE BOND ISSUE (2013)	2,625,000			2,625,000					
REVENUE BOND ISSUE (2016)	4,824,000				4,824,000				
TOTAL	\$ 8,567,000	\$ -	\$ -	\$ 2,725,000	\$ 5,024,000	\$ -	\$ -	\$ -	\$ 818,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
RETAIL RATES PAY O&M COSTS (UNIT COSTS CURRENTLY BEING ANALYZED)	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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: Various				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO				

PROJECT DESCRIPTION

Complete a feasibility study, 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	3,500,000					750,000	750,000	2,000,000	
EXPERT SERVICES	2,700,000		100,000	300,000	300,000	800,000	900,000	300,000	
LABOR	94,000					47,000	47,000		
EQUIPMENT	10,000					5,000	5,000		
OVERHEAD	50,000					25,000	25,000		
ENGINEERING	200,000					100,000	100,000		
TOTAL	\$ 6,554,000	\$ -	\$ 100,000	\$ 300,000	\$ 300,000	\$ 1,727,000	\$ 1,827,000	\$ 2,300,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY FEES	-								
ELECTRIC RATE REVENUE	1,927,000			300,000	300,000		827,000	500,000	
REVENUE BOND ISSUE (2013)	-								
REVENUE BOND ISSUE (2016)	1,827,000		100,000			727,000	1,000,000		
GRANT	1,000,000					1,000,000			
REVENUE BOND ISSUE (2018)	1,800,000							1,800,000	
TOTAL	\$ 6,554,000	\$ -	\$ 100,000	\$ 300,000	\$ 300,000	\$ 1,727,000	\$ 1,827,000	\$ 2,300,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
ASSOCIATED O&M COSTS WILL REDUCE BY UNKNOWN AMOUNT (PART OF FEASIBILITY STUDY)	-								
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Causeway Feeder to Wye Area

Type of Project

Electric

Partnership Project?

NO

Project #

ES130006

Key #

2

Goal #

1

Strategic Leadership Plan Project?

No

PROJECT NAME: Causeway Feeder to Wye Area

PROJECT ADMINISTRATION: Energy Services

PROJECT LOCATION: Between I-182 and Columbia Park Trail

PROJECT TIMELINE: 2018

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Extend a line from Richland switch to the Wye area along the causeway. This project work will be done with the firth breaker addition to the metal clad switchgear at Richland Switch sub.

PROJECT ASSUMPTIONS

Growth rates will continue at historical trends in this area. Regulatory requirements and customer expectations regarding system reliability will continue to drive system improvements. There exists inadequate reinforcement connecting north and south Richland. Environmental permitting, DOT, USACE, railroad right of way, completed prior to construction.

BENEFITS

Installing redundant power lines in this area will avoid major consequences to customers.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	363,000						363,000		
LABOR	173,000						173,000		
EQUIPMENT	72,000						72,000		
OVERHEAD	204,000						204,000		
ENGINEERING	48,000						48,000		
	-								
TOTAL	\$ 860,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 860,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY FEES	-								
ELECTRIC RATE REVENUE	-								
REVENUE BOND ISSUE (2013)	-								
REVENUE BOND ISSUE (2016)	-								
GRANT	-								
REVENUE BOND ISSUE (2018)	860,000						860,000		
TOTAL	\$ 860,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 860,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Electrical Substation Improvements

Type of Project Electric		Partnership Project? <input type="text" value="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="text" value="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 Sandhill and 115 kV bus modification at Stevens and Tapteal substations.

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 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	5,000,000				1,100,000	1,750,000	650,000		1,500,000
EXPERT SERVICES	6,100,000				250,000	2,250,000	2,500,000	600,000	500,000
LABOR	80,000				-	30,000	40,000	10,000	-
EQUIPMENT	10,000				-	5,000	5,000		-
OVERHEAD	43,000				-	16,000	21,000	6,000	-
ENGINEERING	674,000				81,000	243,000	193,000	37,000	120,000
TOTAL	\$ 11,907,000	\$ -	\$ -	\$ -	\$ 1,431,000	\$ 4,294,000	\$ 3,409,000	\$ 653,000	\$ 2,120,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY FEES	-								
ELECTRIC RATE REVENUE	6,415,000				831,000	1,294,000	2,517,000	653,000	1,120,000
REVENUE BOND ISSUE (2013)	-								
REVENUE BOND ISSUE (2016)	3,600,000				600,000	3,000,000			
GRANT	-								
REVENUE BOND ISSUE (2018)	1,892,000						892,000		1,000,000
TOTAL	\$ 11,907,000	\$ -	\$ -	\$ -	\$ 1,431,000	\$ 4,294,000	\$ 3,409,000	\$ 653,000	\$ 2,120,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Line Extensions

Type of Project Electric		Partnership Project? <input type="text" value="NO"/>	Project # ES130008
Key # 2	Goal # 1	Strategic Leadership Plan Project? <input type="text" value="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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	2,240,000		320,000	320,000	320,000	320,000	320,000	320,000	320,000
LABOR	1,239,000		177,000	177,000	177,000	177,000	177,000	177,000	177,000
EQUIPMENT	469,000		67,000	67,000	67,000	67,000	67,000	67,000	67,000
OVERHEAD	1,351,000		193,000	193,000	193,000	193,000	193,000	193,000	193,000
ENGINEERING	301,000		43,000	43,000	43,000	43,000	43,000	43,000	43,000
TOTAL	\$ 5,600,000	\$ -	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY FEES	4,000,000		400,000	600,000	600,000	600,000	600,000	600,000	600,000
ELECTRIC RATE REVENUE	1,600,000		400,000	200,000	200,000	200,000	200,000	200,000	200,000
	-								
TOTAL	\$ 5,600,000	\$ -	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Purchase Southwest Service Area Infrastructure

Type of Project

Electric

Partnership Project?

NO

Project #

ES130009

Key #

2

Goal #

1

Strategic Leadership Plan Project?

No

PROJECT NAME: Purchase Southwest Service Area Infrastructure

PROJECT ADMINISTRATION: Energy Services

PROJECT LOCATION: West of Leslie Rd near Rachel Road

PROJECT TIMELINE: 2015 & 2020

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Per 2005 Electrical Service Area Agreement, purchase the depreciated value of infrastructure including Hidden Hills Phase 1 and BMID pumping station in 2015 and other facilities in 2020. Assumes 500 customers @ \$1500 ea.

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 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	-								
EXPERT SERVICES	500,000			250,000					250,000
LABOR	-								
EQUIPMENT	-								
OVERHEAD	-								
ENGINEERING	-								
TOTAL	\$ 500,000	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY FEES	-								
ELECTRIC RATE REVENUE	500,000			250,000					250,000
REVENUE BOND ISSUE (2013)	-								
REVENUE BOND ISSUE (2016)	-								
GRANT	-								
REVENUE BOND ISSUE (2018)	-								
TOTAL	\$ 500,000	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Renewals and Replacements

Type of Project Electric		Partnership Project? <input type="checkbox"/> NO	Project # ES130010	
Key # 2	Goal # 2	Strategic Leadership Plan Project? No		
PROJECT NAME: Renewals and Replacements				
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 upgrades that are required 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. These projects also result in operational efficiencies and flexibility.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	5,541,000		881,000	842,000	870,000	670,000	366,000	240,000	1,672,000
EXPERT SERVICES	2,135,000		218,000	312,000	200,000	135,000	220,000	290,000	760,000
LABOR	1,715,000		446,000	263,000	300,000	340,000	250,000	58,000	58,000
EQUIPMENT	506,000		144,000	100,000	50,000	96,000	82,000	17,000	17,000
OVERHEAD	1,858,000		383,000	318,000	550,000	230,000	247,000	65,000	65,000
ENGINEERING	728,000		115,000	169,000	120,000	90,000	60,000	30,000	144,000
TOTAL	\$ 12,483,000	\$ -	\$ 2,187,000	\$2,004,000	\$2,090,000	\$ 1,561,000	\$ 1,225,000	\$ 700,000	\$ 2,716,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY FEES	-								
ELECTRIC RATE REVENUE	12,483,000		2,187,000	2,004,000	2,090,000	1,561,000	1,225,000	700,000	2,716,000
REVENUE BOND ISSUE (2013)	-								
REVENUE BOND ISSUE (2016)	-								
GRANT	-								
REVENUE BOND ISSUE (2018)	-								
TOTAL	\$ 12,483,000	\$ -	\$ 2,187,000	\$2,004,000	\$2,090,000	\$ 1,561,000	\$ 1,225,000	\$ 700,000	\$ 2,716,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Systems 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="Systems 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	4,755,000		515,000	1,488,000	508,000	667,000	644,000	645,000	288,000
EXPERT SERVICES	4,208,000		713,000	327,000	281,000	-	1,454,000	1,433,000	
LABOR	1,854,000		254,000	395,000	162,000	318,000	335,000	292,000	98,000
EQUIPMENT	704,000		100,000	91,000	54,000	144,000	133,000	134,000	48,000
OVERHEAD	1,855,000		240,000	388,000	149,000	343,000	337,000	292,000	106,000
ENGINEERING	758,000		104,000	155,000	63,000	82,000	168,000	161,000	25,000
TOTAL	\$ 14,134,000	\$ -	\$ 1,926,000	\$ 2,844,000	\$ 1,217,000	\$ 1,554,000	\$ 3,071,000	\$ 2,957,000	\$ 565,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
ELECTRIC RATE REVENUE	10,204,000		513,000	2,844,000	550,000	1,554,000	1,221,000	2,957,000	565,000
REVENUE BOND ISSUE (2013)	1,413,000		1,413,000						
REVENUE BOND ISSUE (2016)	667,000				667,000				
REVENUE BOND ISSUE (2018)	1,850,000						1,850,000		
TOTAL	\$ 14,134,000	\$ -	\$ 1,926,000	\$ 2,844,000	\$ 1,217,000	\$ 1,554,000	\$ 3,071,000	\$ 2,957,000	\$ 565,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Transformer Maintenance Repair Shops

Type of Project

Electric

Partnership Project?

NO

Project #

ES130012

Key #

2

Goal #

1

Strategic Leadership Plan Project?

No

PROJECT NAME: Transformer Maintenance Repair Shops

PROJECT ADMINISTRATION: Energy Services

PROJECT LOCATION: City Shops

PROJECT TIMELINE: 2019

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Design and construct a new facility at the City Shops for repairing and maintaining distribution 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 distribution transformers and does not have a necessary oil spill containment area. The facility will also be designed to provide covered area for heavy equipment and 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.

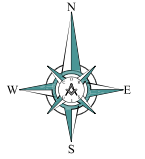
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
MATERIAL	100,000								100,000
EXPERT SERVICES	500,000								500,000
LABOR	-								
EQUIPMENT	-								
OVERHEAD	-								
ENGINEERING	-								
TOTAL	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
FACILITY FEES	-								
ELECTRIC RATE REVENUE	600,000								600,000
REVENUE BOND ISSUE (2013)	-								
REVENUE BOND ISSUE (2016)	-								
REVENUE BOND ISSUE (2018)	-								
TOTAL	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Water

CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

Capital Improvement Plan

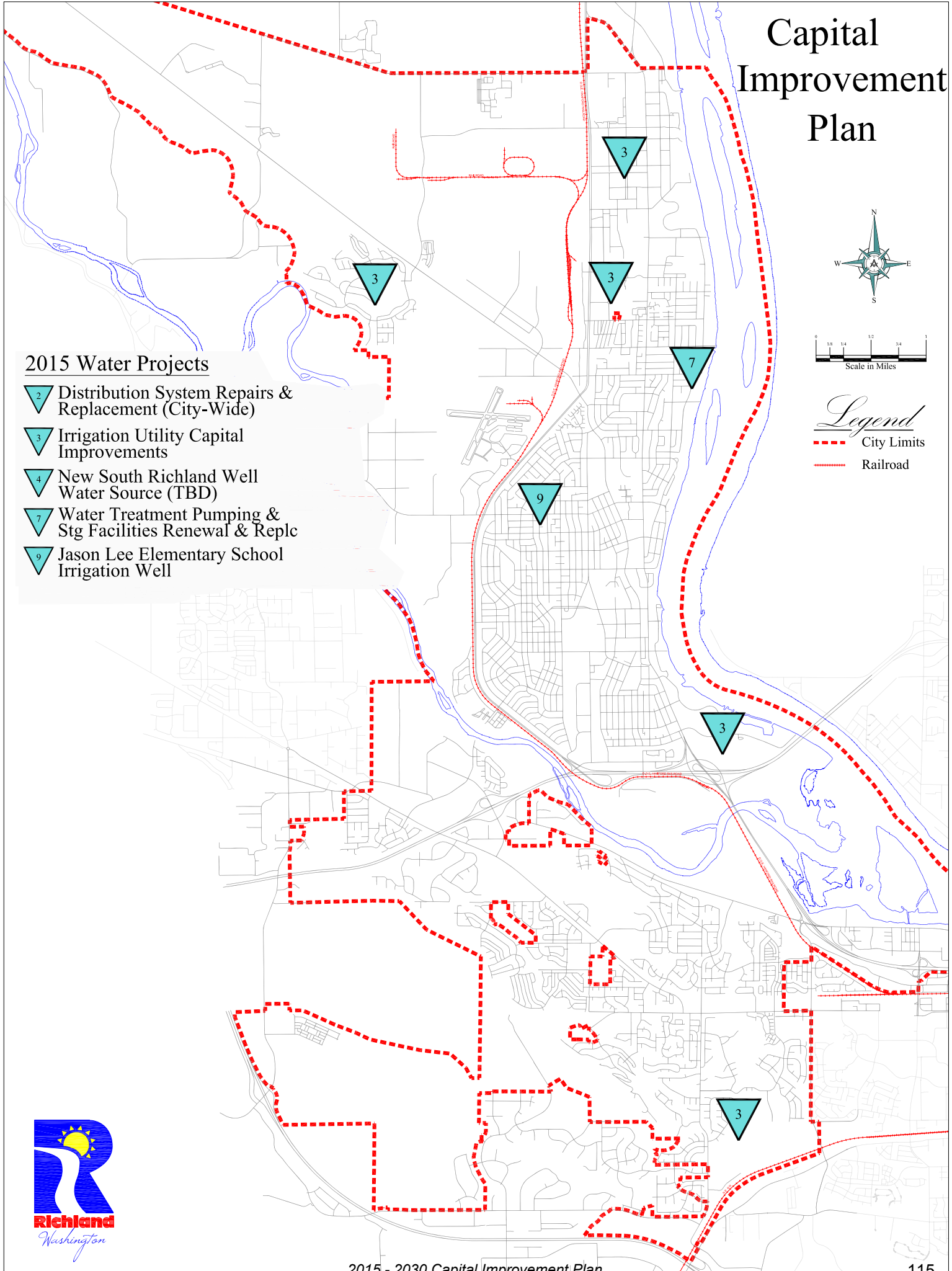


Legend

- - - City Limits
- · - · - Railroad

2015 Water Projects

- ▼ 2 Distribution System Repairs & Replacement (City-Wide)
- ▼ 3 Irrigation Utility Capital Improvements
- ▼ 4 New South Richland Well Water Source (TBD)
- ▼ 7 Water Treatment Pumping & Stg Facilities Renewal & Replc
- ▼ 9 Jason Lee Elementary School Irrigation Well





Capital Improvement Plan

2015 thru 2030

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Water Projects

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Water										
PROJECT COSTS										
Distribution System Repairs & Replacement	WA130002	28,034,447	927,772	240,000	250,000	845,000	375,000	375,000	375,000	31,422,219
Irrigation Utility Capital Improvements	WA130003	789,760	549,444	100,000	170,000	230,000	100,000	100,000	100,000	2,139,204
Jason Lee Elementary School Irrigation Well	WA140009	0	0	150,000	0	0	0	0	0	150,000
New South Richland Well Water Source	WA130004	52,700	144,500	1,000,000	500,000	0	0	0	0	1,697,200
Water Treatment Plant Site Acquisition	WA130001	0	120,000	0	510,000	530,000	0	0	0	1,160,000
Water Treatment Pumping & Stg Facilities Renewal & Replc	WA130007	293,929	729,922	760,000	750,000	155,000	625,000	625,000	625,000	4,563,851
WTP Solids Handling Improvements	WA130006	0	0	0	0	0	0	400,000	0	400,000
Yakima River Crossing Pipeline Replacement	WA130008	0	10,000	0	0	165,000	2,493,301	0	0	2,668,301
Water Total:		29,170,836	2,481,638	2,250,000	2,180,000	1,925,000	3,593,301	1,500,000	1,100,000	44,200,775
FUNDING SOURCES										
City of Kennewick		0	0	0	200,000	220,000	0	0	0	420,000
City of West Richland		0	0	0	110,000	110,000	0	0	0	220,000
Facility Fees		87,700	264,500	1,025,000	700,000	365,000	167,500	0	0	2,609,700
General Fund		0	10,000	0	0	0	0	0	0	10,000
Grant		503,000	0	0	0	0	0	0	0	503,000
Grant Funds (Unsecured)		0	0	0	0	0	1,993,301	0	0	1,993,301
Irrigation Utility Rate Revenue		288,917	247,287	125,000	170,000	230,000	100,000	100,000	100,000	1,361,204
Parks Reserve Fund		0	0	50,000	0	0	0	0	0	50,000
Public Works Trust Fund Loan		15,525,414	0	0	0	0	0	0	0	15,525,414
Revenue Bond Issue		500,843	302,157	0	0	0	0	400,000	0	1,203,000
Revenue Bond Proceeds		4,388,250	0	0	0	0	0	0	0	4,388,250
Richland School District		0	0	50,000	0	0	0	0	0	50,000
Water Rate Revenue		7,876,712	1,657,694	1,000,000	1,000,000	1,000,000	1,332,500	1,000,000	1,000,000	15,866,906
Water Total:		29,170,836	2,481,638	2,250,000	2,180,000	1,925,000	3,593,301	1,500,000	1,100,000	44,200,775

Water Treatment Plant Site Acquisition

Type of Project

Water

Partnership Project?

YES

Project #

WA130001

Key #

2

Goal #

1

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Water Treatment Plant Site Acquisition

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: West of Bonneville Power Administration (BPA) Badger Canyon Substation

PROJECT TIMELINE: 2014 - 2016

RESPONSE TO *GMA LEVEL OF SERVICE? YES

PROJECT DESCRIPTION

Identify and acquire real estate for future construction of a water treatment plant. The future water treatment plant is planned as a partnership facility with West Richland and Kennewick. It is anticipated that it won't be needed for at least fifteen years, but identifying a future site will be less costly at this point. The participants will share the cost of the project proportionally.

PROJECT ASSUMPTIONS

Long range planning suggests that the cities of Richland, Kennewick and West Richland will need additional treated water capacity toward the end of the upcoming 20-year planning horizon. The cities have planned to jointly develop the required capacity at a single location. Staff at the cities believe that early acquisition of the project site will save funds and facilitate easier implementation when the need is realized. It is assumed that the site selection and acquisition will be done collectively by the three cities. All three cities have budgeted site selection study funding for 2013.

BENEFITS

The future water treatment plant will provide needed clean drinking water to support future growth of the City's population and economy.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
SITE SELECTION STUDY	20,000		20,000						
OTHER ENG. SERVICES	100,000		100,000						
SITE ACQUISITION	1,040,000				510,000	530,000			
	-								
	-								
TOTAL	\$ 1,160,000	\$ -	\$ 120,000	\$ -	\$ 510,000	\$ 530,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
WEST RICHLAND	220,000				110,000	110,000			
KENNEWICK	420,000				200,000	220,000			
RICHLAND - WATER FACILITY FEE	520,000		120,000		200,000	200,000			
	-								
	-								
TOTAL	\$ 1,160,000	\$ -	\$ 120,000	\$ -	\$ 510,000	\$ 530,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Distribution System Repairs & Replacement

Type of Project

Water

Partnership Project?

NO

Project #

WA130002

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Distribution System Repairs & 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. 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 the ongoing maintenance needs for the water distribution system.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	945,918	945,918							
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	30,476,301	27,088,529	927,772	240,000	250,000	845,000	375,000	375,000	375,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 31,422,219	\$28,034,447	\$ 927,772	\$ 240,000	\$ 250,000	\$ 845,000	\$ 375,000	\$ 375,000	\$ 375,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
WATER RATE REVENUE	10,970,555	7,582,783	927,772	240,000	250,000	845,000	375,000	375,000	375,000
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	\$ 31,422,219	\$28,034,447	\$ 927,772	\$ 240,000	\$ 250,000	\$ 845,000	\$ 375,000	\$ 375,000	\$ 375,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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.

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	2,139,204	789,760	549,444	100,000	170,000	230,000	100,000	100,000	100,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 2,139,204	\$ 789,760	\$ 549,444	\$ 100,000	\$ 170,000	\$ 230,000	\$ 100,000	\$ 100,000	\$ 100,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
IRRIGATION UTILITY RATE REVENUE	1,336,204	288,917	247,287	100,000	170,000	230,000	100,000	100,000	100,000
REVENUE BOND ISSUE	803,000	500,843	302,157						
	-								
	-								
TOTAL	\$ 2,139,204	\$ 789,760	\$ 549,444	\$ 100,000	\$ 170,000	\$ 230,000	\$ 100,000	\$ 100,000	\$ 100,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

New South Richland Well Water Source

Type of Project

Water

Partnership Project?

NO

Project #

WA130004

Key #

2

Goal #

1

Strategic Leadership Plan Project?

No

PROJECT NAME: New South Richland Well Water Source

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: City shops site

PROJECT TIMELINE: 2014 - 2015

RESPONSE TO *GMA LEVEL OF SERVICE? YES

PROJECT DESCRIPTION

Construction of a new City well in South Richland.

PROJECT ASSUMPTIONS

The project relies on hydrologic studies and regulatory guidance suggesting that high quality abundant water is available at a site near the City Shops property. Wells constructed elsewhere in the region frequently yield water that 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.

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	1,697,200	52,700	144,500	1,000,000	500,000	-	-	-	-
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 1,697,200	\$ 52,700	\$ 144,500	\$1,000,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
WATER FACILITY FEES	1,697,200	52,700	144,500	1,000,000	500,000	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
TOTAL	\$ 1,697,200	\$ 52,700	\$ 144,500	\$1,000,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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: South Richland

PROJECT TIMELINE: 2019

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
REVENUE BOND ISSUE	400,000							400,000	
	-								
	-								
	-								
TOTAL	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Water Treatment Pumping & Stg Facilities Renewal & Replc

Type of Project

Water

Partnership Project?

NO

Project #

WA130007

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Water Treatment Pumping & Stg Facilities Renewal & Replc

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Water Plant & Water Facilities throughout Richland

PROJECT TIMELINE: Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE? YES

PROJECT DESCRIPTION

Structural, mechanical, and control systems rehabilitation, repair and replacement of water plant facilities and infrastructure. In 2014 and carrying over into 2015 the conversion of the North Richland UV Facility and the Water Treatment Plant gas chlorine system to on-site chlorine generation will take place.

PROJECT ASSUMPTIONS

The water treatment industry is migrating away from the use of gaseous chlorine due to the risk associated with handling it. The large quantities of chlorine gas used at water treatment facilities poses a potential hazard to employees and the public. Deploying this new disinfection technology reduces risk to employees and the public while providing the required disinfection. The on-site generation process will increase operational costs, but the conversion is prudent due to the risk management and regulatory benefits. Maintenance records are utilized to prioritize ongoing repairs and replacement.

BENEFITS

This conversion will eliminate the need for the purchase of chlorine gas and the risk associated with storing and handling this chemical. This program preserves the reliability and capacity of existing water treatment plant facilities, whose replacement value is well in excess of \$75 million.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	4,563,851	293,929	729,922	760,000	750,000	155,000	625,000	625,000	625,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 4,563,851	\$ 293,929	\$ 729,922	\$ 760,000	\$ 750,000	\$ 155,000	\$ 625,000	\$ 625,000	\$ 625,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
WATER RATE REVENUE	4,563,851	293,929	729,922	760,000	750,000	155,000	625,000	625,000	625,000
	-								
	-								
	-								
TOTAL	\$ 4,563,851	\$ 293,929	\$ 729,922	\$ 760,000	\$ 750,000	\$ 155,000	\$ 625,000	\$ 625,000	\$ 625,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Yakima River Crossing Pipeline Replacement

Type of Project

Water

Partnership Project?

YES

Project #

WA130008

Key #

2

Goal #

1

Strategic Leadership Plan Project?

No

PROJECT NAME: Yakima River Crossing Pipeline Replacement

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: South Richland

PROJECT TIMELINE: 2017 - 2018

RESPONSE TO *GMA LEVEL OF SERVICE? YES

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.

PROJECT ASSUMPTIONS

The existing pipeline is vulnerable to damage during a flood on the Yakima River. The project is being develop in conjunction with the Duportail Bridge project which is presented in the Transportation section of the CIP. 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.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	165,000					165,000			
CONSTRUCTION MANAGEMENT	218,294		10,000				208,294		
CONSTRUCTION	2,077,279						2,077,279		
10% CONTINGENCY	207,728						207,728		
OTHER ENG. SERVICES	-								
	-								
TOTAL	\$ 2,668,301	\$ -	\$ 10,000	\$ -	\$ -	\$ 165,000	\$2,493,301	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GRANT - FEMA	1,993,301						1,993,301		
GENERAL FUND (FOR GRANT WRITER)	10,000		10,000						
WATER RATE REVENUE	332,500						332,500		
WATER FACILITY FEES	332,500					165,000	167,500		
	-								
	-								
TOTAL	\$ 2,668,301	\$ -	\$ 10,000	\$ -	\$ -	\$ 165,000	\$2,493,301	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Jason Lee Elementary School Irrigation Well

Type of Project Water		Partnership Project? <input type="checkbox"/> YES	Project # WA140009
Key # 5	Goal # 3	Strategic Leadership Plan Project? <input type="checkbox"/> No	
PROJECT NAME: Jason Lee Elementary School Irrigation Well			
PROJECT ADMINISTRATION: Public Works Administration and Engineering			
PROJECT LOCATION: Jason Lee Elementary school property at Van Giesen and Sanford			
PROJECT TIMELINE: 2015			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> NO			

PROJECT DESCRIPTION

Construct a well to provide irrigation to the Jason Lee Elementary school property located at Van Giesen and Sanford.

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.

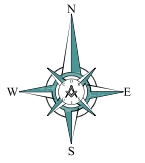
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	5,000			5,000					
CONSTRUCTION MANAGEMENT	5,000			5,000					
CONSTRUCTION	127,273			127,273					
10% CONTINGENCY	12,727			12,727					
OTHER ENG. SERVICES	-								
TOTAL	\$ 150,000	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
PARKS RESERVE	50,000			50,000					
RICHLAND SCHOOL DISTRICT	50,000			50,000					
IRRIGATION UTILITY RATE REVENUE	25,000			25,000					
WATER FACILITY FEES	25,000			25,000					
	-								
	-								
TOTAL	\$ 150,000	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Wastewater

CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

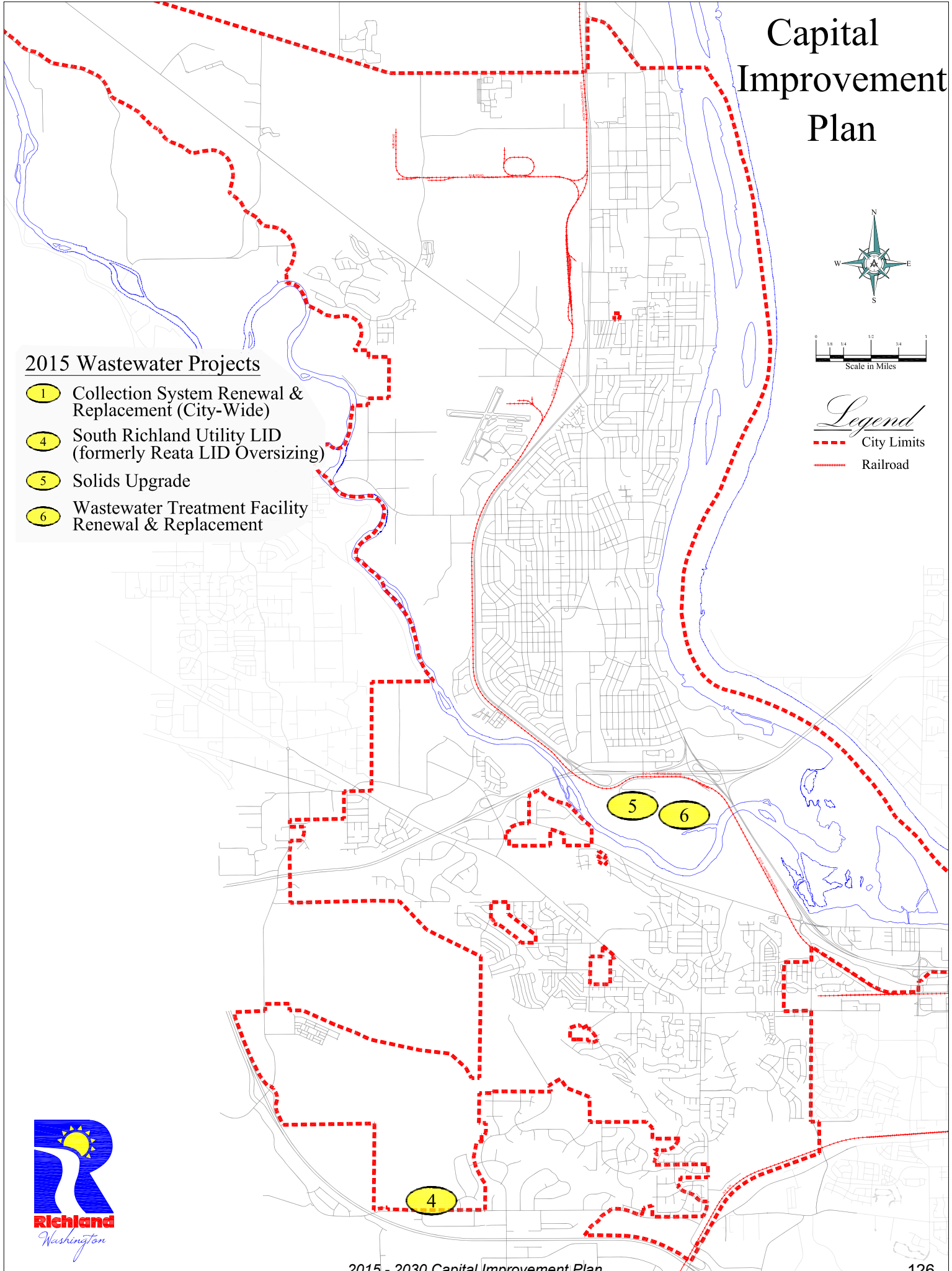
Capital Improvement Plan



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

2015 Wastewater Projects

- 1 Collection System Renewal & Replacement (City-Wide)
- 4 South Richland Utility LID (formerly Reata LID Oversizing)
- 5 Solids Upgrade
- 6 Wastewater Treatment Facility Renewal & Replacement





Capital Improvement Plan

2015 thru 2030

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Wastewater Projects

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Wastewater										
PROJECT COSTS										
Collection System Renewal & Replacement	WW130001	7,446,932	602,041	530,000	400,000	720,000	500,000	500,000	500,000	11,198,973
General Wastewater Plan	WW130002	0	222,618	0	0	0	0	0	0	222,618
Influent Upgrades	WW130003	0	0	0	0	2,000,000	0	0	0	2,000,000
Solids Upgrade	WW130005	0	1,800,000	1,000,000	0	0	0	0	0	2,800,000
South Richland Utility LID (formerly Reata LID Oversizing)	WW130004	0	0	6,519,410	6,519,410	0	0	0	0	13,038,820
Wastewater Treatment Facility Renewal & Replacement	WW130006	1,028,011	596,202	370,000	700,000	380,000	600,000	600,000	600,000	4,874,213
Wastewater Total:		8,474,943	3,220,861	8,419,410	7,619,410	3,100,000	1,100,000	1,100,000	1,100,000	34,134,624
FUNDING SOURCES										
Facility Fees		0	1,122,618	500,000	0	1,000,000	0	0	0	2,622,618
Line of Credit		0	0	6,519,410	6,519,410	0	0	0	0	13,038,820
Wastewater Rate Revenue		8,474,943	2,098,243	1,400,000	1,100,000	2,100,000	1,100,000	1,100,000	1,100,000	18,473,186
Wastewater Total:		8,474,943	3,220,861	8,419,410	7,619,410	3,100,000	1,100,000	1,100,000	1,100,000	34,134,624

Collection System Renewal & Replacement

Type of Project

Wastewater

Partnership Project?

NO

Project #

WW130001

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Collection System Renewal & Replacement

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Throughout Richland

PROJECT TIMELINE: Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Replacement and repair of deteriorated sewer lines, manholes and repair and replacement of obsolete pumping stations.

PROJECT ASSUMPTIONS

Maintenance record data and visual inspection records are utilized to prioritize ongoing repairs and replacements. In addition, this program targets repairs and replacement in areas where the streets are scheduled for resurfacing. This targeted spending extends the life of the pavement resurfacing while addressing the long-term asset integrity of the sewer system. This program relies on adequate rate revenue to keep it going.

BENEFITS

This project will reduce maintenance requirements, minimize pipeline leakage and prevent the collapse of failing sewer lines.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	198,356	198,356							
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	11,000,617	7,248,576	602,041	530,000	400,000	720,000	500,000	500,000	500,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 11,198,973	\$ 7,446,932	\$ 602,041	\$ 530,000	\$ 400,000	\$ 720,000	\$ 500,000	\$ 500,000	\$ 500,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
WASTEWATER RATE REVENUE	11,198,973	7,446,932	602,041	530,000	400,000	720,000	500,000	500,000	500,000
	-								
	-								
	-								
TOTAL	\$ 11,198,973	\$ 7,446,932	\$ 602,041	\$ 530,000	\$ 400,000	\$ 720,000	\$ 500,000	\$ 500,000	\$ 500,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

General Wastewater Plan

Type of Project

Wastewater

Partnership Project?

NO

Project #

WW130002

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

General Wastewater Plan

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Throughout Richland

PROJECT TIMELINE:

2014-2015

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

Complete a General Sewer Plan update, guided by the Washington Administrative Code, to address regulatory issues, identify wastewater facility maintenance, operation and expansion needs for the future, provide a system inventory needs assessment and identify a 20-year capital improvement program.

PROJECT ASSUMPTIONS

The last plan was completed in 2005 and is obsolete because development has resulted in most of the existing Plan's recommended improvements being completed.

BENEFITS

This plan will provide continued regulatory compliance and a path forward to completing the highest priority capital improvements in the wastewater infrastructure.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	-								
10% CONTINGENCY	-								
OTHER ENG. SERVICES	222,618		222,618						
	-								
TOTAL	\$ 222,618	\$ -	\$ 222,618	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
WASTEWATER FACILITY FEES	150,000		150,000						
UNASSIGNED FACILITY FEES	72,618		72,618						
	-								
	-								
	-								
TOTAL	\$ 222,618	\$ -	\$ 222,618	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Influent Upgrades

Type of Project Wastewater		Partnership Project? <input type="text" value="NO"/>	Project # WW130003	
Key # 2	Goal # 2	Strategic Leadership Plan Project? No		
PROJECT NAME: <input type="text" value="Influent Upgrades"/>				
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="2016"/>				
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="text" value="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.

PROJECT ASSUMPTIONS

The existing plant equipment includes one mechanically cleaned screen and a backup screen requiring manual cleaning. Use of the manually cleaned screen is required infrequently 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 is expected to experience more frequent failures.

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.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	100,000					100,000			
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	1,650,000					1,650,000			
10% CONTINGENCY	165,000					165,000			
OTHER ENG. SERVICES	85,000					85,000			
	-								
TOTAL	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$2,000,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
WASTEWATER RATE REVENUE	1,000,000					1,000,000			
WASTEWATER FACILITY FEES	1,000,000					1,000,000			
	-								
	-								
	-								
TOTAL	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$2,000,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

South Richland Utility LID (formerly Reata LID Oversizing)

Type of Project Wastewater		Partnership Project? <input type="checkbox"/> YES	Project # WW130004
Key # 2	Goal # 2	<i>Strategic Leadership Plan Project?</i> No	
PROJECT NAME: South Richland Utility LID (formerly Reata LID Oversizing)			
PROJECT ADMINISTRATION: Public Works Administration and Engineering			
PROJECT LOCATION: South Richland			
PROJECT TIMELINE: 2014 - 2017			
RESPONSE TO *GMA LEVEL OF SERVICE? <input type="checkbox"/> YES			

PROJECT DESCRIPTION

The project would construct sewer collection system improvements to a large area of south Richland through formation of a local improvement district. The project will include a sewer pump station in the Badger South development and gravity sewer lines within the Reata Annexation area and the Meadow Springs area.

PROJECT ASSUMPTIONS

This project will only be needed if the South Richland Utility Local Improvement District (LID) project is approved by Council. Engineering planning for this project suggested that the City participate in the cost to add additional capacity to the improvements needed for anticipated LID participating properties. Estimates are that the City's share of the improvement costs will be less than 30%, with the remaining 70% to be paid through property assessments. The LID will be initially financed by a line of credit that will be converted to bonds when the project is complete. Debt service for the City's share is expected to come from facility fee revenues.

BENEFITS

The project will extend City sewer infrastructure to many undeveloped properties, making planned development feasible. The City's participation will ensure that adequate capacity is constructed for nearby properties that will ultimately benefit from City sewer service.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	1,043,106			521,553	521,553				
CONSTRUCTION MANAGEMENT	521,553			260,776	260,776				
CONSTRUCTION	10,431,056			5,215,528	5,215,528				
10% CONTINGENCY	1,043,106			521,553	521,553				
OTHER ENG. SERVICES	-								
TOTAL	\$ 13,038,820	\$ -	\$ -	\$ 6,519,410	\$ 6,519,410	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
LINE OF CREDIT	13,038,820			6,519,410	6,519,410				
-	-								
-	-								
TOTAL	\$ 13,038,820	\$ -	\$ -	\$ 6,519,410	\$ 6,519,410	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
-	-								
-	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Solids Upgrade

Type of Project

Wastewater

Partnership Project?

NO

Project #

WW130005

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Solids Upgrade

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Wastewater Treatment Facility

PROJECT TIMELINE: 2014 - 2015

RESPONSE TO *GMA LEVEL OF SERVICE? YES

PROJECT DESCRIPTION

Construction and addition of solids handling and dewatering process equipment at the Wastewater Treatment Facility to de-water anaerobic digester sludge and secondary waste sludge. Includes replacement of the obsolete dissolved air flotation thickener equipment and belt press system.

PROJECT ASSUMPTIONS

The existing mechanical solids handling systems are approaching their end of life. Current technologies provide opportunities for improved performance and energy efficiency savings.

BENEFITS

This project will help reduce operating costs for chemicals, electricity, and solids transportation. Replacement of aging equipment before failure will preserve plant reliability.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	100,000		100,000						
CONSTRUCTION MANAGEMENT	50,000		50,000						
CONSTRUCTION	2,477,273		1,477,273	1,000,000					
10% CONTINGENCY	147,727		147,727						
OTHER ENG. SERVICES	25,000		25,000						
	-								
TOTAL	\$ 2,800,000	\$ -	\$ 1,800,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
WASTEWATER RATE REVENUE	1,400,000		900,000	500,000					
WASTEWATER FACILITY FEES	1,400,000		900,000	500,000					
	-								
	-								
	-								
TOTAL	\$ 2,800,000	\$ -	\$ 1,800,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Wastewater Treatment Facility Renewal & Replacement

Type of Project

Wastewater

Partnership Project?

NO

Project #

WW13006

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Wastewater Treatment Facility Renewal & Replacement

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Wastewater Treatment Facility

PROJECT TIMELINE: Ongoing

RESPONSE TO *GMA LEVEL OF SERVICE? 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.

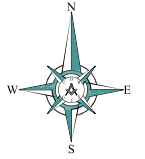
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	4,874,213	1,028,011	596,202	370,000	700,000	380,000	600,000	600,000	600,000
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 4,874,213	\$ 1,028,011	\$ 596,202	\$ 370,000	\$ 700,000	\$ 380,000	\$ 600,000	\$ 600,000	\$ 600,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
WASTEWATER RATE REVENUE	4,874,213	1,028,011	596,202	370,000	700,000	380,000	600,000	600,000	600,000
	-								
	-								
	-								
TOTAL	\$ 4,874,213	\$ 1,028,011	\$ 596,202	\$ 370,000	\$ 700,000	\$ 380,000	\$ 600,000	\$ 600,000	\$ 600,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Solid Waste

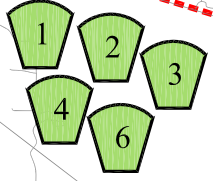
CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

Capital Improvement Plan



2015 Solid Waste Projects

- 1 Landfill Cell Permitting, formerly Landfill Cell
- 2 Disposal Capacity Improvements formerly Landfill Cell
- 3 Landfill Closure, Phase 2
- 4 Landfill Facility Improvements
- 6 Transfer Station Improvements





Capital Improvement Plan

2015 thru 2030

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Solid Waste Projects

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Solid Waste										
PROJECT COSTS										
Disposal Capacity Improvements, formerly Landfill Cell	SW130002	0	0	300,000	150,000	7,610,000	0	0	0	8,060,000
Landfill Cell Permitting, formerly Landfill Cell	SW130001	115,065	119,935	40,000	0	0	0	0	0	275,000
Landfill Closure, Phase 2	SW130003	0	0	62,000	0	200,000	3,350,000	0	0	3,612,000
Landfill Facility Improvements	SW130004	0	30,000	75,000	0	0	0	0	0	105,000
Transfer Station Improvements	SW140006	0	20,000	11,000	10,000	5,000	0	0	0	46,000
Solid Waste Total:		115,065	169,935	488,000	160,000	7,815,000	3,350,000	0	0	12,098,000
FUNDING SOURCES										
Revenue Bond Issue		0	0	0	150,000	7,610,000	0	0	0	7,760,000
Solid Waste Fund (Rsv for closure)		0	0	62,000	0	200,000	3,350,000	0	0	3,612,000
Solid Waste Rate Revenue		115,065	169,935	426,000	10,000	5,000	0	0	0	726,000
Solid Waste Total:		115,065	169,935	488,000	160,000	7,815,000	3,350,000	0	0	12,098,000

Landfill Cell Permitting

Type of Project

Solid Waste

Partnership Project?

NO

Project #

SW130001

Key #

5

Goal #

2

Strategic Leadership Plan Project?

Yes

PROJECT NAME: Landfill Cell Permitting

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Richland Sanitary Landfill

PROJECT TIMELINE: 2012 - 2015

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Preliminary engineering design, environmental review, and permit application preparation required to obtain regulatory approval for additional disposal capacity at the Horn Rapids Landfill.

PROJECT ASSUMPTIONS

The current permitted landfill area is estimated to reach full capacity in 2018. New disposal capacity should be in place at least one year before completion of the current landfill. Design, construction and startup of new disposal capacity is expected to take two years, thus acquiring a permit for new landfill capacity no later than 2016 is recommended. Annual landfill capacity evaluations will be used to update the project schedule. The engineering and permit application work will be funded by current rates. The future disposal capacity will be debt financed, with debt service costs being covered by rates.

BENEFITS

Completing the required permitting processes will position the City to make the final decision whether to proceed with the next disposal cell or pursue another disposal option.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	-								
10% CONTINGENCY	-								
OTHER ENG. SERVICES	275,000	115,065	119,935	40,000					
TOTAL	\$ 275,000	\$ 115,065	\$ 119,935	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
SOLID WASTE RATE REVENUE	275,000	115,065	119,935	40,000					
	-								
	-								
	-								
TOTAL	\$ 275,000	\$ 115,065	\$ 119,935	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Disposal Capacity Improvements

Type of Project
Solid Waste

Partnership Project? NO

Project #
SW130002

Key #	Goal #
5	2

Strategic Leadership Plan Project?	Yes
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PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

Plan, design and construct facilities needed to provide future solid waste disposal capacity. 2015 work will complete a feasibility study of alternative disposal options, including expanded on-site landfill capacity and hauling to a regional landfill. 2016 work will complete engineering design for the selected alternative. 2017 work will construct the facilities. Additionally, this work will Master Plan the Landfill facility and customer access areas.

PROJECT ASSUMPTIONS

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 low 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	150,000				150,000				
CONSTRUCTION MANAGEMENT	150,000					150,000			
CONSTRUCTION	7,460,000					7,460,000			
10% CONTINGENCY	-								
OTHER ENG. SERVICES	300,000			300,000					
	-								
	-								
TOTAL	\$ 8,060,000	\$ -	\$ -	\$ 300,000	\$ 150,000	\$7,610,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
SOLID WASTE RATE REVENUE	300,000			300,000					
REVENUE BOND ISSUE	7,760,000				150,000	7,610,000			
	-								
	-								
	-								
	-								
TOTAL	\$ 8,060,000	\$ -	\$ -	\$ 300,000	\$ 150,000	\$7,610,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Landfill Closure, Phase 2

Type of Project
Solid Waste

Partnership Project?

Project #
SW130003

Key #	Goal #
2	1

Strategic Leadership Plan Project?	No
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PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

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. Also in 2015, staff will rent an excavator to bring the north face of the landfill to grad to meet the closure plans approved by the Department of Health's landfill permit.

PROJECT ASSUMPTIONS

Current estimates are that the current landfill will be ready for closure in 2018. 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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	200,000					200,000			
CONSTRUCTION MANAGEMENT	150,000						150,000		
CONSTRUCTION	3,000,000						3,000,000		
10% CONTINGENCY	-								
OTHER ENG. SERVICES	262,000			62,000			200,000		
	-								
	-								
TOTAL	\$ 3,612,000	\$ -	\$ -	\$ 62,000	\$ -	\$ 200,000	\$3,350,000	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
SOLID WASTE FUND (RESERVE FOR CLOSURE)	3,612,000			62,000		200,000	3,350,000		
	-								
	-								
	-								
	-								
TOTAL	\$ 3,612,000	\$ -	\$ -	\$ 62,000	\$ -	\$ 200,000	\$3,350,000	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Landfill Facility Improvements

Type of Project

Solid Waste

Partnership Project?

NO

Project #

SW130004

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Landfill Facility Improvements

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Richland Sanitary Landfill

PROJECT TIMELINE: 2015

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

This project will install a fence at the northwest end of the landfill to intercept wind blown garbage.

PROJECT ASSUMPTIONS

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

BENEFITS

Litter fence installation will help keep wind blown garbage on the landfill property and allow staff access to efficiently retrieve the litter before it impacts off-site properties.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	105,000		30,000	75,000					
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 105,000	\$ -	\$ 30,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
SOLID WASTE RATE REVENUE	105,000		30,000	75,000					
	-								
	-								
	-								
TOTAL	\$ 105,000	\$ -	\$ 30,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Transfer Station Improvements

Type of Project

Solid Waste

Partnership Project?

NO

Project #

SW140006

Key #

2

Goal #

4

Strategic Leadership Plan Project?

No

PROJECT NAME: Transfer Station Improvements

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Richland Sanitary Landfill

PROJECT TIMELINE: 2015

RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

Purchase two 40 yard roll-off containers for collecting and transporting tires.

PROJECT ASSUMPTIONS

It is assumed that rate revenues are adequate to support this purchase.

BENEFITS

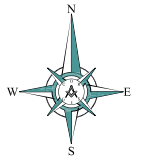
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	46,000		20,000	11,000	10,000	5,000			
10% CONTINGENCY	-								
OTHER ENG. SERVICES	-								
TOTAL	\$ 46,000	\$ -	\$ 20,000	\$ 11,000	\$ 10,000	\$ 5,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
SOLID WASTE RATE REVENUE	46,000	-	20,000	11,000	10,000	5,000			
	-								
	-								
	-								
TOTAL	\$ 46,000	\$ -	\$ 20,000	\$ 11,000	\$ 10,000	\$ 5,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



Stormwater


CITY OF RICHLAND 2015 TO 2030 CAPITAL IMPROVEMENT PLAN

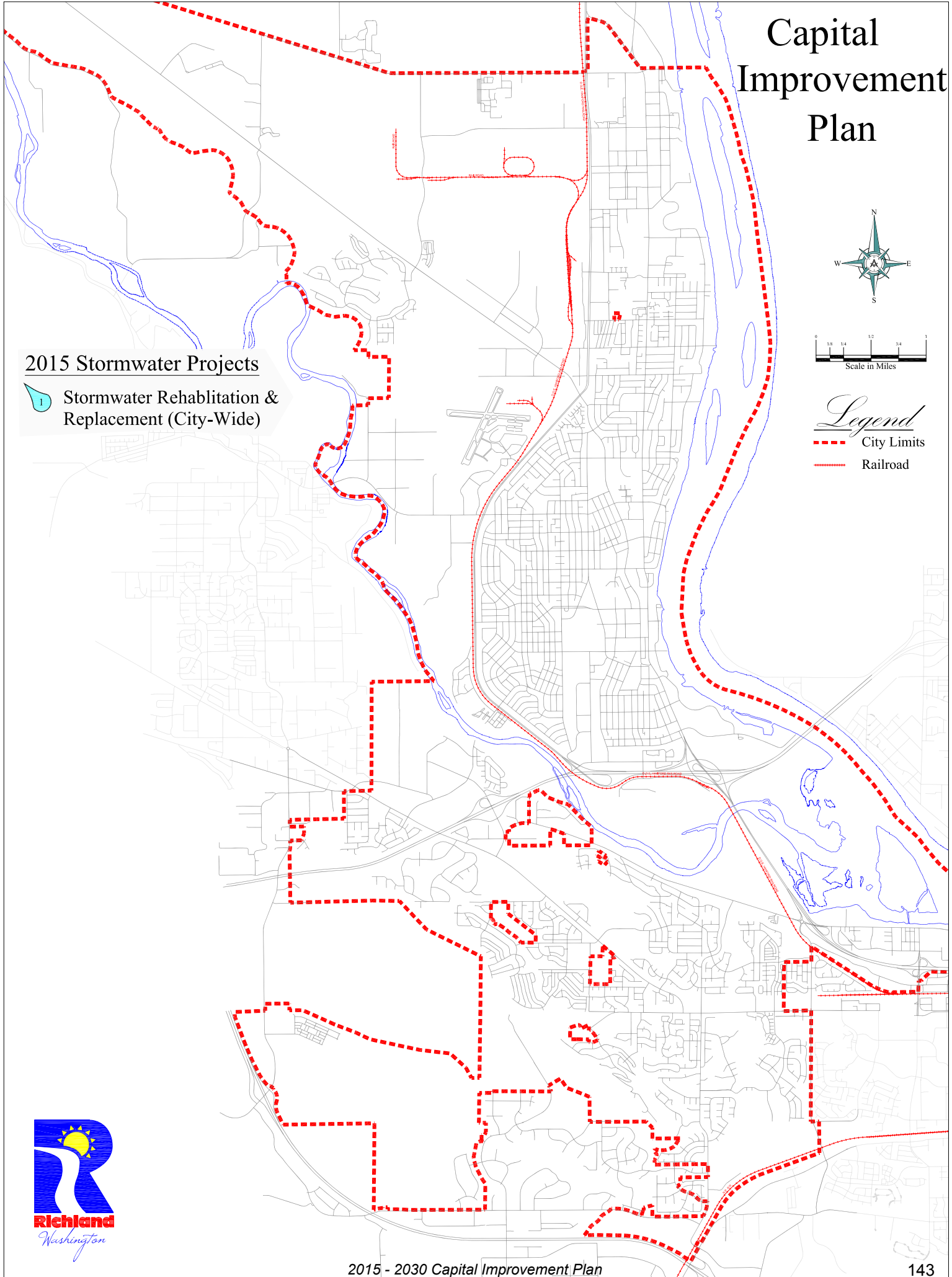
Capital Improvement Plan



- Legend*
- City Limits
 - Railroad

2015 Stormwater Projects

 Stormwater Rehabilitation & Replacement (City-Wide)





Capital Improvement Plan

2015 thru 2030

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Stormwater Projects

Department	Project #	\$ through 2013	Budget Rem. 2014	2015	2016	2017	2018	2019	2020-2030	Total
Stormwater										
PROJECT COSTS										
Canyon Terrace Stormwater Treatment Project	ST130002	3,025	278,309	0	0	0	0	0	0	281,334
Decant Facility Upgrades	ST130003	0	625,000	0	0	0	0	0	0	625,000
General Stormwater Plan	ST130004	0	150,000	0	0	0	0	0	0	150,000
Leslie Grove Park Regional Infiltration Facility	ST130005	8,213	257,121	0	0	0	0	0	0	265,334
Stormwater Rehabilitation & Replacement	ST130001	660,582	254,509	100,000	125,000	125,000	125,000	125,000	125,000	1,640,091
Stormwater Water Quality Retrofit Program	ST130006	31,877	763,123	0	0	0	0	0	0	795,000
Stormwater Total:		703,697	2,328,062	100,000	125,000	125,000	125,000	125,000	125,000	3,756,759
FUNDING SOURCES										
Grant		36,200	1,393,800	0	0	0	0	0	0	1,430,000
Loan - WA State Dept of Ecology		0	400,000	0	0	0	0	0	0	400,000
Stormwater Rate Revenue		667,497	534,262	100,000	125,000	125,000	125,000	125,000	125,000	1,926,759
Stormwater Total:		703,697	2,328,062	100,000	125,000	125,000	125,000	125,000	125,000	3,756,759

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.

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-	-	-	-	-	-	-	-	-
CONSTRUCTION MANAGEMENT	-	-	-	-	-	-	-	-	-
CONSTRUCTION	1,640,091	660,582	254,509	100,000	125,000	125,000	125,000	125,000	125,000
10% CONTINGENCY	-	-	-	-	-	-	-	-	-
OTHER ENG. SERVICES	-	-	-	-	-	-	-	-	-
TOTAL	\$ 1,640,091	\$ 660,582	\$ 254,509	\$ 100,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
STORMWATER RATE REVENUE	1,640,091	660,582	254,509	100,000	125,000	125,000	125,000	125,000	125,000
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
TOTAL	\$ 1,640,091	\$ 660,582	\$ 254,509	\$ 100,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Canyon Terrace Stormwater Treatment Project

Type of Project

Stormwater

Partnership Project?

NO

Project #

ST130002

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Canyon Terrace Stormwater Treatment Project

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Canyon Terrace Subdivision

PROJECT TIMELINE: 2013 - 2014

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

Improvements to the existing stormwater outfall to include water quality treatment components prior to discharge.

PROJECT ASSUMPTIONS

Project funding was provided by a Washington State Department of Ecology grant. The grant agreement has been executed.

BENEFITS

Improves the City's compliance with anticipated stormwater discharge regulations.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	10,000	3,025	6,975						
CONSTRUCTION MANAGEMENT	10,000		10,000						
CONSTRUCTION	237,576		237,576						
10% CONTINGENCY	23,758		23,758						
OTHER ENG. SERVICES	-								
TOTAL	\$ 281,334	\$ 3,025	\$ 278,309	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GRANT-WA STATE DEPT OF ECOLOGY	211,000	2,269	208,731						
STORMWATER RATE REVENUE	70,334	756	69,578						
	-								
	-								
	-								
TOTAL	\$ 281,334	\$ 3,025	\$ 278,309	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Decant Facility Upgrades

Type of Project

Stormwater

Partnership Project?

NO

Project #

ST130003

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

Decant Facility Upgrades

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Decant Facility on Duportail Street and the Wastewater Treatment Plant

PROJECT TIMELINE:

2014

RESPONSE TO *GMA LEVEL OF SERVICE?

NO

PROJECT DESCRIPTION

The project will expand and improve material handling capacity at the existing facility on Duportail Street. A secondary facility will be improved at the Wastewater Treatment Plant for materials best suited for handling at that facility. Also replacement of wore out street sweeper.

PROJECT ASSUMPTIONS

The 2013-2015 Washington State budget includes loan funding for the full cost of the project.

BENEFITS

This project will improve handling of the waste materials that come from street sweeping and storm drain system cleaning. This waste handling reduces pollutant loading to our local rivers and helps us comply with state and federal environmental regulations. The improved material handling will help reduce costs of handling the material by allowing better material segregation and drying, thus reducing transportation costs and disposal costs for contaminated materials.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	25,000		25,000						
CONSTRUCTION MANAGEMENT	10,000		10,000						
CONSTRUCTION	365,000		365,000						
10% CONTINGENCY	-								
STREET SWEEPER EQUIPMENT	225,000		225,000						
	-								
TOTAL	\$ 625,000	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
LOAN-WA STATE DEPT OF ECOLOGY	400,000		400,000						
GRANT-WA STATE DEPT OF ECOLOGY	225,000		225,000						
	-								
	-								
	-								
TOTAL	\$ 625,000	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

General Stormwater Plan

Type of Project

Stormwater

Partnership Project?

NO

Project #

ST130004

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME:

General Stormwater Plan

PROJECT ADMINISTRATION:

Public Works Administration and Engineering

PROJECT LOCATION:

Throughout Richland

PROJECT TIMELINE:

2014

RESPONSE TO *GMA LEVEL OF SERVICE?

YES

PROJECT DESCRIPTION

Complete an update to the City's 2005 Stormwater Management Plan. The update will address current system deficiencies, system needs to address growth and redevelopment, and system and program needs to address anticipated regulatory changes. The updated plan will include a ten-year capital improvement program recommendation.

PROJECT ASSUMPTIONS

The existing 2005 Stormwater Management Plan is outdated due to 2007 and 2012 issuance of new State permit requirements and completion of planned system improvements.

BENEFITS

This plan update will provide a current basis on which to plan stormwater system facility and funding needs.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	-								
10% CONTINGENCY	-								
OTHER ENG. SERVICES	150,000		150,000						
	-								
TOTAL	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
	150,000		150,000						
	-								
	-								
	-								
	-								
TOTAL	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Leslie Grove Regional Infiltration Facility

Type of Project
Stormwater

Partnership Project?

Project #
ST130005

Key #	Goal #
2	2

Strategic Leadership Plan Project?	No
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PROJECT NAME:

PROJECT ADMINISTRATION:

PROJECT LOCATION:

PROJECT TIMELINE:

RESPONSE TO *GMA LEVEL OF SERVICE?

PROJECT DESCRIPTION

Improvements to the existing stormwater outfall to include water quality treatment components prior to discharge.

PROJECT ASSUMPTIONS

Project funding was provided by a Washington State Department of Ecology grant. The grant agreement has been executed. Project implementation requires permits and environmental review by the U.S. Army Corps of Engineers. The project schedule may slip as a result of that review.

BENEFITS

Improves the City's compliance with anticipated stormwater discharge regulations.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	15,000	8,213	6,787						
CONSTRUCTION MANAGEMENT	15,000		15,000						
CONSTRUCTION	213,940		213,940						
10% CONTINGENCY	21,394		21,394						
OTHER ENG. SERVICES	-								
TOTAL	\$ 265,334	\$ 8,213	\$ 257,121	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GRANT-WA STATE DEPT OF ECOLOGY	199,000	2,054	196,946						
STORMWATER RATE REVENUE	66,334	6,159	60,175						
	-								
	-								
	-								
TOTAL	\$ 265,334	\$ 8,213	\$ 257,121	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Stormwater Water Quality Retrofit Program

Type of Project

Stormwater

Partnership Project?

NO

Project #

ST130006

Key #

2

Goal #

2

Strategic Leadership Plan Project?

No

PROJECT NAME: Stormwater Water Quality Retrofit Program

PROJECT ADMINISTRATION: Public Works Administration and Engineering

PROJECT LOCATION: Various Locations

PROJECT TIMELINE: 2014 - 2016

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 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
DESIGN	120,000	31,877	88,123						
CONSTRUCTION MANAGEMENT	60,000		60,000						
CONSTRUCTION	559,091		559,091						
10% CONTINGENCY	55,909		55,909						
OTHER ENG. SERVICES	-								
	-								
TOTAL	\$ 795,000	\$ 31,877	\$ 763,123	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/13	Authorized Budget Remaining in 2014	2015	2016	2017	2018	2019	2020
GRANT-WA STATE DEPT OF ECOLOGY	120,000	31,877	88,123						
GRANT-WA STATE DEPT OF ECOLOGY	675,000		675,000						
	-								
	-								
	-								
TOTAL	\$ 795,000	\$ 31,877	\$ 763,123	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2015	2016	2017	2018	2019	2020
	-								
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -