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Plan Overview

- Plan Overview
- Explanation of Funding Sources
- Target Map
- 6 Core Focus Areas



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 serves as an annual identification of specific capital projects described more generally in the City's Comprehensive Plan.

The CIP is useful in coordinating community planning, determining financial capacity and ensuring capital expenditures demonstrate support for the City's Strategic Leadership Plan 6 Core Focus Areas. 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 Core Focus Area of the Strategic Plan that it supports. The minimum threshold for CIP projects is \$25,000; projects may span several years and have multiple funding sources.

ADVANTAGES OF CAPITAL IMPROVEMENT PLAN

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

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



EXPLANATION OF FUNDING SOURCES

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

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

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

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

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

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

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

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

Capital Improvement Fund (REET 1st and 2nd one-quarter percent) accounts for proceeds from the one-half of 1% Real Estate Excise Tax assessed on the sale of real property in Richland. REET 1st one-quarter percent is restricted for acquisition and development of local "capital projects" defined in RCW 82.46.010(6), including street and waterworks/stormwater utility infrastructure, and parks, public safety and administrative facilities. REET 2nd one-quarter percent can only be used for acquisition and development of "capital projects" defined in RCW 82.46.035(5), including street and waterworks/stormwater infrastructure. REET funding is only available for capital projects listed in the capital facilities plan element of the City's Comprehensive Plan. In 2011, the State Legislature expanded the uses of REET 1 and REET 2 to temporarily include maintenance and operations of existing capital projects through December 31, 2016. However, during the 2015 Legislative Session the use for maintenance was extended with additional limitations on the amount, provided a written report is prepared and adopted as part of the City's regular budget process. The written report must demonstrate that all funding sources are adequate to fund the CIP for a two-year period.

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

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

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



Explanation of Funding Sources Continued...

Transportation Benefit District accounts for the annual vehicle fee in the amount of \$20 for the purpose of providing adequate levels of funding for completion of the Duportail Bridge and the Pavement Preservation Program. The fee will sunset with the retirement of the debt to build the Duportail Bridge which will occur in 2039.

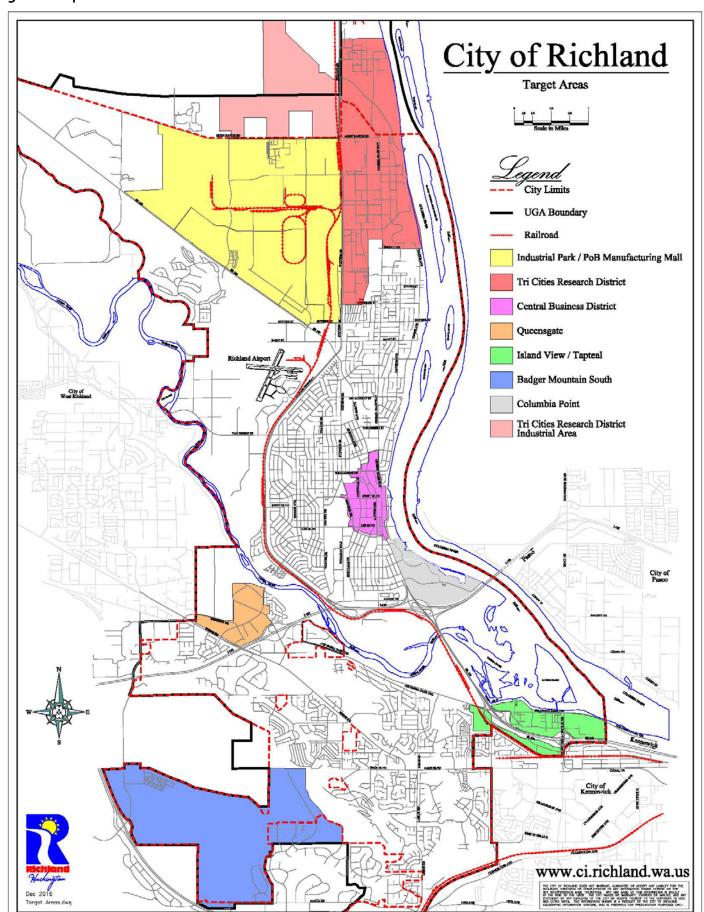
Other Agencies/Grants/Loans accounts for a number of different types of federal and state grants for recreation, transportation and water programs as well as low interest loans for public works projects. Contributions from state and local agencies are also included.

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

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

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

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





Strategic Leadership Plan 6 Core Focus Areas

- Promote Financial Stability & Operational Effectiveness
- Manage & Maintain Infrastructure & Facilities
- Increase Economic Vitality
- Manage Our Natural Resources
- Maximize Community Amenities
- Enhance Neighborhoods & Community Safety



2019 Projects

 Summary of 2019 Capital Improvement Projects and Funding Summary



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2019 PROJECTS ONLY

Project Costs and Funding Sources

			Bonds - Prior B Issue R			ric Fund Equip Maint				Grant - (Unsecured)	STP Funding	(Unsecured)	State Dept of Was	hington HSIP	NHS	Grant Funds Healthcare (Unsecured) Benefits Fu	Hotel/Motel- Lodging Funds	Der Der	dustrial Libra velopment Reser nd	ye Fund Fund	Parks Reserve- Park District 1	e- Parks Reserve- Publi 1 Park District 2 Sales	Tax Admin & Eng	Tax					r Streets Fund T (GF) B		Fund		
	Project Costs						ment Equipment Fund Reserves			(STP Funding (Unsecured)	(3.332.23)	Ecology Stat	e (Unsec	- WSDOT Grant - WSDOT NHS (Unsecured)	(Fur	nd							Ob Bonds	Solid Waste Solid Wa Fund Fund (Rs closure)		()	Transportation Unfu Benefit District			/SDOT SR 240 Total Funding roject Funds Needed
Electric Electrical Substation Improvements ES130007	4816.0	vol.	\$326,400							1														\$489 600									e016 000
Leslie Rd Substation ES130004	\$1,417,0		\$566,800																					\$850,200									\$1,417,000
Line Extensions ES130008	\$1,288,0	00						\$50	500,000															\$788,000									\$1,288,000
Purchase Southwest Service Area Infrastructure ES130009 Renewal & Replacement ES130010	\$125,0 \$2,925.0		\$125,000																					\$2,925,000									\$125,000 \$2,925,000
Renewal & Replacement ES130010 Smart Grid - Advanced Metering Infrastructure ES130005	\$2,925,0 \$3,581,0		\$1,432,400																					\$2,925,000 \$2,148,600									\$2,925,000 \$3,581,000
Systems Improvements ES130011	\$980,0		\$392,000																					\$588,000									\$980,000
Electric T	Total: \$11,132,0	00	\$2,842,600					\$50	00,000															\$7,789,400									\$11,132,000
Municipal Broadband Fund - Leased Fiber Extensions MN160001																							·										
Broadband Fund - Leased Fiber Extensions MN160001 Economic Development Road Projects MN170004	\$200,0 \$1,175,0							\$10	100,000										\$1,175,000					\$100,000								_	\$200,000 \$1,175,000
Economic Development Road Projects MN170004 Equipment Replacement Program MN140016	\$3,372,7	09				\$291,748	\$15,793 (\$36	66,316)	\$866,11	8									\$1,173,000	\$186	6,047		\$55,813 \$3	3,000			\$1,579,739	\$8	88,691 \$171,477		\$24	3,592 \$206,937	\$3,372,709
ERP System (Financial System) MN140018	\$1,530,2					\$337,008	\$32,842		\$570,51	2						\$4			\$11,092	\$153	3,944		\$3,683 \$:	3,070			\$140,544	\$1	18,457 \$14,176		\$5	8,022 \$145,192	\$1,530,289
Municipal T	Total: \$6,277,9	98				\$628,756	\$48,635 (\$366	5,316) \$10	00,000 \$1,436,69	0						\$4:	57		\$1,186,092	\$339,	9,991		\$59,496 \$36	5,070 \$100,000			\$1,720,283	\$107	7,148 \$185,653		\$30	1,614 \$352,129	\$6,277,998
Parks Badger Mountain Park Improvements PR130001	\$290,0	nol .															\$240,000					\$50,000											\$290,000
Badger Mountain Park Improvements PR130001 City-Wide Tree Replacement PR130016	\$290,0																\$240,000					\$50,000				\$20,000							\$290,000
Horn Rapids Athletic Complex Infield & Fence PR160003	\$50,0																									\$50,000							\$50,000
Renewal McMurray Park - Sports Court PR180001	\$75.0	00			\$75,000																												\$75,000
Municipal Facilities Renewal & Improvement Program PR140020						\$6,815	\$240,000		\$283,31	0										\$1	1,215		\$	1,027			\$1,440		\$250 \$1,672			\$822 \$2,321	\$538,862
Parks & Neighborhood Safety Program PR160005	\$10,0	00																					\$10,000										\$10,000
Parks Facilities Renewal & Improvement Program PR140021	\$400,0	00							\$400,0	0																							\$400,000
Rivers to Ridges Trail: Badger Mountain Section PR170004	\$225,0																					\$225,000											\$225,000
Trailhead Park: Replacement of Steps & Bypass Trail PR170001																						\$40,000											\$40,000
ParksT	Total: \$1,648,8	52			\$75,000	\$6,815	\$240,000		\$683,30	0							\$240,000			\$1,	1,215	\$315,000	\$10,000 \$1	,027		\$70,000	\$1,440		\$250 \$1,672			\$822 \$2,321	\$1,648,862
Solid Waste Compost Processing Improvements SW180001 Disposal Capacity Improvements SW130002	\$247.0	-1																	-														
Compost Processing Improvements SW180001 Disposal Capacity Improvements SW130002	\$247,0																							\$247,000		\$7,225,000						_	\$247,000 \$7,225,000
Landfill Cincura, Phase 2 SW130003	6775.0	10																								\$7,223,000		\$225.000					\$225,000
Solid Waste Facility Improvements SW160001	\$20,0																							\$20,000				,					\$20,000
Solid Waste T	Total: \$7,717,0	00																						\$267,000		\$7,225,000	\$	225,000					\$7,717,000
Stormwater Stormwater Rehabilitation & Replacement ST130001	\$100,0																																\$100,000
Stormwater Rehabilitation & Replacement ST130001 Water Quality Retrofit Program ST130006 Stormwater T	\$100,0												6740 NS7											\$100,000 \$249.693									\$100,000 \$998,750
Stormwater T	Total: \$1,098,7	50											\$749,057											\$349,693									\$1,098,750
Transportation ADA Compliance / Sidewalk Repairs Program TR130004	-													-							•												
ADA Compliance / Sidewalk Repairs Program TR130004 Center Parkway-South-Leslie Road to Clearwater TR140019	\$242,3 \$150,0	50		\$25,000	\$207,360													**50.000								\$10,000							\$242,360 \$150,000
Creek IR140019	\$150,0																	\$150,000															
Columbia Park Trail Improvements - East TR140016	\$55,0										\$55,000																						\$55,000
Creek Columbia Park Trail Improvements - East TR140016 Duportail Bridge TR130001 Marcus Whitman Elementers Sidewalke TR160003		00									\$55,000	\$4,144,33	s	\$4,905,665		\$23,400										42.600							\$1,250,000 \$10,300,000
Duportali Bridge TR1,90001 Marcus Whitman Elementary Sidewalks TR160003 McMurray Rapid Flash Beacon TR180002	\$10,300,0 \$26,0 \$40,5	00									\$55,000	\$4,144,33	S	\$4,905,665	\$40,100	\$23,400										\$2,600 \$400							
Duportal Bridge IRI.30001 Marcus Whitman Elementary Sidewalks TR160003 McMurray Rapid Flash Beacon TR180002 Ornhard Flementary Crosswelk TR180003	\$10,900,0 \$26,0 \$40,5	00 00 00 95								\$50,895	\$55,000 5	\$4,144,33	S	\$4,905,665	\$40,100	\$23,400										\$400							\$1,250,000 \$10,300,000 \$26,000 \$40,500 \$50,895
Disportal Bridge Int State Interest Int State Int Int State Int Int State Int Int State Int	\$10,300,0 \$26,0 \$40,5 \$50,8 \$2,266,3	00 00 00 05 72							\$636,3:	2	\$55,000 5	\$4,144,33	5	\$4,905,665		\$23,400										\$400 \$300,000					\$1,330,000		\$1,250,000 \$10,300,000 \$26,000 \$40,500 \$50,895 \$2,266,372
Duportal Bridge IRI 30001 Marcus Whitman Elementary Sidewalks TR160003 MM-turray Rapid Flash Beacon TR180002 Orchard Elementary Crosswalk TR180003 Revenent Preservation Program Superment Preservation Program Superment Preservation Program (SWW Resufacion TR1700002)	\$10,300,0 \$26,0 \$40,5 \$50,6 \$2,266,3 \$4,292,0	00 00 00 00 95 72							\$636,3 \$293,6	2	\$55,000 5	\$4,144,33	5	\$4,905,665	\$40,100	\$23,400										\$400				\$414,772	\$1,330,000		\$1,250,000 \$10,300,000 \$26,000 \$40,500 \$50,895
Deportal Broge Harcas Withman Elementary Sdewalks TR.10001 Moffurary Rapid Flash Beacon Orchard Gementary Crosswalk TR.180002 Flowment Preservation Program Flowment Preservation Program Flowment Preservation Program (GWW Resurfacing TR.170002 Elementary Program (GWW Resurfacing TR.170002 Elementary Conductor Season Transport TR.170002	\$10,300,0 \$26,0 \$40,5 \$50,8 \$2,266,3 \$4,292,0	00 00 00 00 05 55 72 20 00								2	\$55,000	\$4,144,33	5	\$4,905,665		\$23,400		\$125,000							\$72,013	\$400 \$300,000 \$477,987					\$1,330,000		\$1,250,000 \$10,300,000 \$25,000 \$40,500 \$50,895 \$2,266,372 \$4,292,000
Duportal Broge Harras Wilhelmen Elementary Sdewalds TR180001 MM-Murry Rapid Plath Rescu. TR180002 MM-Murry Rapid Plath Rescu. TR180002 Flowment Preservation Program TR180002 Flowment Preservation Program Waterman Street Street TR180002 South Richard Colinctor Streets South Richard Colinctor Streets Seebo Street T Joseful Olive Intersection TR180002	\$10,500,0 \$26,0 \$40,0 \$50,0 \$2,266,1 \$4,292,0 \$125,0 \$100,0	000 000 000 000 055 572 000 000								2	\$55,000	\$4,144,33	5	\$4,905,665		\$23,400		\$125,000							\$72,013	\$400 \$300,000					\$1,330,000		\$1,250,000 \$10,300,000 \$26,000 \$40,500 \$50,895 \$2,266,372 \$4,292,000
Upontal Irolge Int. 2001 I	\$10,500,1 \$26,6 \$40,5 \$50,6 \$2,266,5 \$4,292,6 \$125,6 \$100,6	000 000 000 000 055 572 000 000 000 000 \$300,000								2	\$55,000 5	\$4,144,33	5	\$4,905,665	\$3,033,60	\$23,400		\$125,000							\$72,013	\$400 \$300,000 \$477,987 \$100,000					\$1,330,000		\$1,250,000 \$10,300,000 \$25,000 \$40,500 \$50,895 \$2,266,372 \$4,220,000 \$150,000 \$100,000
Doportal Irroge Intra Work Int Journal I	\$10,900/ \$26,6 \$40,9 \$50,8 \$2,266,7 \$4,292,6 \$125,6 \$100,0 \$300,0	00 00 00 00 00 00 35 77 72 72 90 90 90 90 90 90 90 90 90 90 90 90 90								2	\$55,000	\$4,144,33	5	\$4,905,665				\$125,000							\$72,013	\$400 \$300,000 \$477,987					\$1,330,000		\$1,250,000 \$10,300,000 \$26,000 \$250,000 \$250,000 \$250,000 \$250,955 \$2,266,372 \$4,720,000 \$100,000 \$100,000 \$300,000 \$300,000 \$306,000 \$366,600 \$46,600
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Opportal Indige Nation Withhum Elementary Sciencials TRESSORD Nationary Rogal Flash Beacon TRESSORD Finement Preservation Program Finement Preservation Program Nationary Reservation Program Nationary Reservati	\$10,300/. \$26,6 \$40,1 \$50,6 \$52,266,3 \$4,292,6 \$125,6 \$100,6 \$300,6 \$544,2 \$79,1	00 00 00 00 00 00 00 00 00 00 00 00 00		\$25,000	\$207,360					2 88	5	\$4,144,33 \$4,144,33		\$4,905,665	\$3,033,60	\$71,550		\$125,000							\$72,013	\$400 \$300,000 \$477,987 \$100,000				\$414,772	\$1,330,000		\$1,250,000 \$10,300,000 \$26,000 \$250,000 \$250,000 \$250,000 \$250,955 \$2,266,372 \$4,720,000 \$100,000 \$100,000 \$300,000 \$300,000 \$306,000 \$366,600 \$46,600
Doportal Broge Harca Withman Elementary Sciencials TRESCO03 MeMorary Rapid Flash Beacon TRESCO03 Flash Peacon TRESCO03 South Richard Collector Streets South Richard Collector Streets TRESCO03 TRESCO03 TRESCO03 TRESCO03 TRESCO03 TRESCO03 TRESCO03 Transportation Wastewater Treatment Facility Remeal 8 WMS10005	\$10,900 \$26,0 \$26,0 \$27,	000 000 000 000 000 000 000 000 000 00		\$25,000	\$207,360			\$30	\$293,61	2 88	5				\$3,033,600 \$58,200	\$71,550		7,23,13						\$268,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,300,000 \$25,000 \$10,300,000 \$40,500 \$40,500 \$50,895 \$2,266,372 \$4,282,000 \$125,000 \$120,000 \$500,000 \$546,600 \$375,500 \$75,500
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Doportal Brogle Int Joseph (1997) Marca Withman Elementary Sclewals TRESCORD Refurery Ropel Flash Beacon TRESCORD TRESCORD Finement Preservation Program Finement Preservation Program TRESCORD A Shretcoper) A Shretcoper) South Richard Calletter Streets South Richard Calletter Streets TRESCORD TRESCORD TRESCORD Value South Richard Calletter Streets South Richard Calletter Streets TRESCORD TRESCORD Value South Richard Calletter Streets TRESCORD Value South Richard Calletter Streets TRESCORD Value South Richard Calletter Streets Value South Richard Calletter Streets TRESCORD Value South Richard Calletter Streets Value South Richard Calletter Streets Trescoperation Trescoperati	\$10,900.1 \$25,65 \$40.5 \$40.5 \$5,265.1 \$4,252,6 \$125,6 \$100,0 \$300,0 \$500,1 \$775.1 Total \$18,092,2 \$566,0	000 000 000 000 000 000 000 000 000 00		\$25,000	\$207,360				\$293,6: \$930,00	2 88	5				\$3,033,600 \$58,200	\$71,550		7,23,13						\$268,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000,000 \$10,000,000 \$10,000 \$10,000 \$2,263,77 \$4,223,77 \$1,250,000 \$10,000 \$30,
Duportal Irolge Harca Withman Elementary Sciencials TELEDOOT Metarray Ropol Flash Beacon TELEDOOT TELE	\$10,900 \$26,6 \$40,0 \$26,6 \$40,0 \$40,	000 000 000 000 000 000 000 000 000 00	500	\$25,000	\$207,360				\$293,6: \$930,00	2 88	5				\$3,033,600 \$58,200	\$71,550		7,23,13						\$266,000 \$266,000 \$100,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10
Duportal Broge Harau Wilhams Elementary Schewalia TRE20003 Mishtrany Rapad Flash Beacon TRE20003 Perseneral Perseneration Program Perseneration Program TRE20003 Perseneral Preservation Program TRE20003 Perseneral Preservation Program TRE20003 Perseneral Preservation Program TRE20003 Perseneral Preservation Program TRE20003 South SEGUE Confector Presen South Security Program (GWW Resurfacion) Representation Program (GWW Resurfacion) Representation Program (GWW Resurfacion) Representation TRE20003 South Security Tripad Universities Vision Treatment Program TRE20003 Vision Treatment Program Vision Treatment Facility Renewal & Wastewater Wastewa	\$10,900 \$10,900 \$10,900 \$10,900 \$10,900 \$10,900 \$10,00	00 00 00 00 00 00 00 00 00 00 00 00 00	\$50,000	\$25,000	\$207,360				\$293,6: \$930,00	2 88	5				\$3,033,600 \$58,200	\$71,550		7,23,13						\$268,000 \$100,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000
Doportal Brogle Incl. 2001 Narcu Withman Elementary Sciencials TREL0003 Nathursy Rogol Flash Beacon TREL0003 Revener Preservation Program Revener Pre	\$10,000 \$25,6 \$25,	000 000 000 000 000 000 000 000 000 00	\$500,000	\$25,000	\$207,360				\$293,6: \$930,00	2 88	5				\$3,033,600 \$58,200	\$71,550		7,23,13						\$268,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10
Duportal Broge Harau Wilhams Elementary Schewalia TRE20003 Mishtrany Rapad Flash Beacon TRE20003 Perseneral Perseneration Program Perseneration Program TRE20003 Perseneral Preservation Program TRE20003 Perseneral Preservation Program TRE20003 Perseneral Preservation Program TRE20003 Perseneral Preservation Program TRE20003 South SEGUE Confector Presen South Security Program (GWW Resurfacion) Representation Program (GWW Resurfacion) Representation Program (GWW Resurfacion) Representation TRE20003 South Security Tripad Universities Vision Treatment Program TRE20003 Vision Treatment Program Vision Treatment Facility Renewal & Wastewater Wastewa	\$10,000 \$25,6 \$25,	00 00 00 00 00 00 00 00 00 00 00 00 00	\$500,000	\$25,000	\$207,360				\$293,6: \$930,00	2 88	5				\$3,033,600 \$58,200	\$71,550		7,23,13						\$268,000 \$100,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000
Doportal Indige Natura Withinson Elementary Sciencials TELEGORY Natura Withinson Elementary Sciencials TELEGORY Natura Withinson Elementary Sciencials TELEGORY Natura Withinson TELEGORY T	\$10,000 \$10,000 \$20,00 \$25,00 \$25,00 \$25,00 \$25,00 \$2,265,00 \$2,265,00 \$2,265,00 \$25,00 \$	00 00 00 00 00 00 00 00 00 00 00 00 00	,,,,,,,	925,000	\$207,360				\$293,6: \$930,00	2 88	5				\$3,033,600 \$58,200	\$71,550		7,23,13						\$268,000 \$100,000 \$200,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$11,000,000 \$10,000
Doportal Brogle INSTAURNING STATES INSTAURNI	\$10,000 \$30,000 \$30,000 \$30,000 \$30,000 \$32,000 \$32,000 \$32,000 \$32,000 \$32,000 \$32,000 \$300,000 \$300,000 \$300,000 \$300,000 \$320,000	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	925,000	\$207,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5				\$3,033,600 \$58,200	\$71,550		7,23,13						\$268,000 \$100,000 \$200,000 \$350,000 \$375,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$12,000,000 \$10,000
Usports Brodge Harva Withman Elementary Sciencials TELEDOOT MATURE STATE STATE STATE STATE STATE STATE STATE MATURE WITHMAN SARPE Flash Beacon TELEDOOT TELE	\$10,000 \$30,000 \$30,000 \$30,000 \$30,000 \$32,000 \$32,000 \$32,000 \$32,000 \$32,000 \$32,000 \$300,000 \$300,000 \$300,000 \$300,000 \$320,000	00 00 00 00 00 00 00 00 00 00 00 00 00	,,,,,,,	\$25,000	\$207,360			\$30	\$293,6: \$930,00	2 88	5				\$3,033,600 \$58,200	\$71,550		7,23,13						\$268,000 \$100,000 \$200,000 \$350,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$11,000,000 \$10,000
Outports Brodge Int Joseph (1997) Marcus Withman Elementary Sciencials TRE, 1990; 31 Methanys Rogal Flash Beacon TRE, 1990; 31 Methanys Rogal Flash Beacon TRE, 1990; 31 Frement Preservation Program (1997) Frement Preservation Program (1997) A Sheetscape) A Sheetscape) A Sheetscape) A Sheetscape) South Richard Collector Streets TRE, 1990; 32 A Sheetscape) South Richard Collector Streets TRE, 1990; 32 South Richard Collector Streets TRE, 1990; 32 South Richard Collector Streets TRE, 1990; 32 Van Gesen / Theyer Interaction Improvements Variage Highway Printer 2 Transportation Treatment Facility Renewal A Wastewater Wastewater Wastewater Wastewater Culturish River Infants Screen Lippy ade Outh-Subor System Regain & Registerment United Collector Streets Variage High Richardson Project Land, Circhard & Broadmoor System Improvements Walson Lilly Cipital Improvements Wastewater Treatment Facility Renewal & WALSDOOL Land, Circhard & Broadmoor System Improvements Waster Treatment Fast Renewal & Replacement Waster Varians River Crossing Rydine Replacement Waster Treatment Fast Renewal & Replacement Waster Waster Waster Ordang Rydine Replacement Vall 1900; Waster Treatment Fast Renewal & Replacement	\$10,000 \$30,000 \$30,000 \$30,000 \$30,000 \$32,000 \$32,000 \$4,292,000 \$4,292,000 \$42,000 \$125,000 \$100,000 \$40,000	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	\$25,000	\$207,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5				\$3,033,600 \$58,200	\$71,550	433,000	7,23,13						\$268,000 \$100,000 \$200,000 \$350,000 \$375,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$12,000,000 \$10,000
Noportal Brogle INSTAURNING STATES INSTAURNI	\$10,900 \$31,800 \$35,6 \$4,202 \$4,202 \$4,202 \$4,202 \$4,202 \$4,202 \$4,202 \$4,202 \$4,202 \$4,202 \$4,202 \$4,002 \$5	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	\$25,000	5207,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5				\$3,033,600 \$58,200	\$71,550	\$170,000	7,23,13			560.0			\$268,000 \$100,000 \$200,000 \$350,000 \$375,000	\$72,013	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$12,000,000 \$10,000
Usports Broge Harau Wilmann Elementary Sciencela TELEORIT MATALIN Wilmann Elementary Sciencela TELEORIT MATALIN Spage Flash Beacon TELEORIT TELEORI	\$10,000 \$10,000 \$20,000 \$20,000 \$2,000 \$2,000 \$2,200 \$2,200 \$2,200 \$2,200 \$2,200 \$2,000	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	\$25,000	\$207,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5				\$3,033,600 \$58,200	\$71,550	\$170,000 \$350,000	7,23,13	\$60,000		\$60.0	000		\$268,000 \$100,000 \$200,000 \$350,000 \$375,000	\$72,013 1 1 57,950 \$7,963 \$1	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000000 \$10,000000 \$10,000000 \$10,000000 \$10,00000 \$10,00000 \$10,00000 \$10,0000
Outports Brodge Int Joseph 1 (1997) Marcus Withman Elementary Sciencials TRESCORD 1 (1997) Marcus Withman Elementary Sciencials TRESCORD 1 (1997) Marcus Withman Elementary Sciencials TRESCORD 1 (1997) Frementer Preservation Program (WWW Resurfacing A Streetscape) A Streetscape) A Streetscape) A Streetscape Screet / Taplesa Drive Internection TRESCORD 1 (1997) South Richard Collectur Streets TRESCORD 1 (1997) Trescope Screet / Taplesa Drive Internection TRESCORD 1 (1997) Variage Highway Patheway - Pase 2 (1997) Transportation T Variage Pathway - Pase 2 (1997) Transportation T Variage Pathway - Pase 2 (1997) Wastewater Trestment Facility Remeval & WW12005 Schollectories Wastervater Wastervater Culturaba New Intake Screen Lippy ale Distribution System Region & Replacement United Culturals New Intake Screen Lippy ale Surfacility Lippy (1997) Surface Name Screen Lippy ale Surface Name Screen	\$10,900 \$31,900 \$31,900 \$32,66, \$4,922, \$12,766, \$12,766, \$100, \$4,922, \$125, \$100, \$44,922, \$100, \$44,922, \$100,	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	\$25,000	\$207,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5 555,000	94,244,33			\$3,033,600 \$58,200	\$71,550	\$350,000	\$275,000	\$60,000		\$60.0	000		\$268,000 \$100,000 \$200,000 \$350,000 \$375,000	\$72,013 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$400 \$500,000 \$477,567 \$100,000 \$6,400 \$97,387				\$414,772			\$1,250,000 \$10,000
Usports Brodge Minra Wilmann Eternetary Sciencesia TELEXORY MARCH Wilmann Eternetary Sciencesia TELEXORY MARCH Wilmann Eternetary Sciencesia TELEXORY MARCH WILMANN START TELEXORY TELE	\$10,800 \$10,800 \$20,60 \$	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	\$25,000	\$207,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5 555,000				\$3,033,600 \$58,200	\$71,550	\$350,000 \$100,000	\$275,000	\$40,000		\$60.0	000		\$268,000 \$100,000 \$200,000 \$350,000 \$375,000	\$72,013 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$400 \$300,000 \$477,987 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000000 \$10,000000 \$10,000000 \$10,000000 \$10,00000 \$10,00000 \$10,00000 \$10,0000
Noportal Brodge Int Joseph (1997) Marca Withinson Elementary Sciencials TRELOGOS J Micharys Rogal Flash Beacon TRELOGOS J Revenert Preservation Program (WW Resurfacing Intelligence Control Elementary Consonals TRELOGOS J Freement Preservation Program (WW Resurfacing TRELOGOS J Revenert Preservation Program (WW Resurfacing TRELOGOS J South Richard Goldetur Streets TRELOGOS J Washer Streets TRELOGOS J Variance Phylosopher Interaction Improvements TRELOGOS J Variance Phylosopher Interaction Improvements J Washer South Richard South Trelogos J Variance Reprovements J Varia	\$10,900 \$31,900 \$32,66 \$4,920 \$2,766 \$4,220 \$12,66 \$100,6 \$4,220 \$100,6 \$4,220 \$500,6 \$	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	\$25,000	\$307,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5 555,000	94,244,33			\$3,033,600 \$58,200	\$71,550	\$350,000	\$275,000	\$6,000		,,,,,			\$268,000 \$100,000 \$200,000 \$350,000 \$375,000	\$72,013 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$400 \$500,000 \$477,567 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10
Upportal broge Harca Withman Elementary Schemalia TRELODIS MATERIA PRINCIPLE AND TRELODIS TRELODIS MATERIA PRINCIPLE AND TRELODIS	\$10,900 \$31,800 \$35,64 \$4,920 \$4,920 \$12,66 \$100,6 \$125,6 \$100,6 \$4,920 \$5,900 \$	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	\$25,000	\$207,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5 555,000	94,244,33			\$3,033,600 \$58,200	\$71,550	\$350,000 \$100,000 \$25,000	\$275,000	\$60,000	\$450,000	\$60.0 \$130.0			\$268,000 \$100,000 \$200,000 \$350,000 \$375,000	\$72,013 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$400 \$500,000 \$477,567 \$100,000 \$6,400				\$414,772			\$1,250,000 \$10,000000 \$10,000000 \$10,000000 \$10,000000 \$10,00000 \$10,00000 \$10,00000 \$10,0000
Support land programment of the Control of the Cont	\$10,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$20,000 \$25,00	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	\$25,000	\$207,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5 555,000	94,244,33			\$3,033,600 \$58,200	\$71,550	\$350,000 \$100,000	\$275,000	\$60,000	\$450,000	,,,,,			\$268,000 \$100,000 \$200,000 \$350,000 \$375,000	\$72,013 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$400 \$500,000 \$477,567 \$100,000 \$6,400				\$414,772			\$1,750,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10,000,000 \$10
Duportal Broge Horsz Withman Elementary Schewals TRES0001 RN4-rays Rapid Flash Beacon TRES0012 RN4-rays Rapid Flash Beacon TRES0012 RN4-rays Rapid Flash Beacon TRES0012 RN4-rays Rapid Flash Beacon TRES0013 RN4-rays Rapid Flash Beacon TRES0013 RN4-rays Rapid Rn4-rays Rn4-rays Springer Street Tres0012 RN4-rays Rn4-rays Sash Rn4-rays Rn4-rays Sash Rn4-rays Rn4-rays Sash Rn4-rays Rn4-rays Sash Rn4-rays Sash Rn4-rays Sash Rn4-rays Sash Rn4-rays Sash Rn4-rays Sash Rn4-rays TRES0012 RN4-rays TRES0012 RN4-rays TRES0012 RN4-rays TRES0012 RN4-rays RN4-rays TRES0012 RN4-rays TRES0012 RN4-rays RN4-rays TRES0012 RN4-rays RN4-rays TRES0012 RN4-rays RN4-rays RN4-rays TRES0012 RN4-rays	\$10,000 \$10,000 \$2,000 \$	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365	\$25,000	\$207,360			\$30	\$293,6. \$930,00 \$930,00 00,000	2 88	5 \$55,000	54,144,33			\$3,033,600 \$58,200	\$71,550	\$350,000 \$100,000 \$25,000 \$320,000	\$275,000		7 3 2	\$120,0	000		\$266,000 \$100,000 \$200,000 \$390,000 \$375,000 \$1,025,000	\$72,013 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$400 \$500,000 \$477,967 \$100,000 \$6,400 \$97,387				\$414,772			\$1,250,000 \$10,000
Laportal Brodge Harnan Withmann Elementary Sidewalks TRELODOSS HARDATARY Rapid Flash Beacon Christer Glementary Crosswalk TRELODOSS Pavement Preservation Program TRELODOSS Pavement Preservation Program TRELODOSS Pavement Preservation Program TRELODOSS Scriptor Server (Indicate Brodes) TRELODOSS Scriptor Server (Indicate Brodes) TRELODOSS Scriptor Server (Indicate Brodes) Transportation Program (TRELODOSS Improvements Soft Boulevard Improvements TRELODOS Transportation TRELODOSS Variance Highway Pathway - Phasas 2 TRELODOSS Transportation T Wastewater Treatment Facility Renewal is Deplacement Wastewater Treatment Facility Renewal is Distribution System Repairs is Replacement Wastewater Treatment Facility Renewal is Distribution System Repairs is Replacement Waster Columba River Indiale Sones Upgrade Distribution System Repairs is Replacement WALDOOS Lingiston Utility Capital Improvements WALDOOS Trainma River Crossing Pipeline Replacement Waldooff Columba River Text Renewal Aspidencement Waldooff Columba River Haris Park Enhanced Replacement William Wilson Columba River Haris Park Enhanced Replacement WF100015 Gorge Prout Pool Renewal WF100015 Liney Noof Referention	\$10,900 \$31,800 \$35,64 \$4,920 \$4,920 \$12,66 \$100,6 \$125,6 \$100,6 \$4,920 \$5,900 \$	00 00 00 00 00 00 00 00 00 00 00 00 00	\$1,136,365 \$1,636,365			6635,571	9285,635 (\$366	\$30	\$293,6. \$930,00 \$930,00 00,000	550,995	5 555,000	94,244,33			\$3,033,600 \$58,200	\$71,550	\$350,000 \$100,000 \$25,000 \$320,000	\$275,000	\$60,000	\$450,000	\$120,0	000	569,496 537	\$268,000 \$100,000 \$200,000 \$330,000 \$375,000 \$1,025,000	\$72,013 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$400 \$500,000 \$477,967 \$100,000 \$6,400 \$97,387	\$1,71,721 \$	225,000 \$10.	77,596 \$187,225	\$414,772	\$1,330,000	2,436 \$354,450	\$1,250,000 \$10,000



Project Summaries

- All Project Costs by Year
- Summary Project Costs by Department/Year
- Detail Project Costs by Department/Year
- Summary Funding Sources by Department/Year
- Summary funding Source List by Year



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2019 thru 2024 (\$ To-Date Costs and Budget Remaining Totals Not Included)

Project Name	Department	Project #	Project Cost
2019			
Leslie Rd Substation	Electric	ES130004	\$1,417,000
Smart Grid - Advanced Metering Infrastructure	Electric	ES130005	\$3,581,000
Electrical Substation Improvements	Electric	ES130007	\$816,000
Line Extensions	Electric	ES130008	\$1,288,000
Purchase Southwest Service Area Infrastructure	Electric	ES130009	\$125,000
Renewal & Replacement	Electric	ES130010	\$2,925,000
Systems Improvements	Electric	ES130011	\$980,000
Equipment Replacement Program	Municipal	MN140016	\$3,372,709
ERP System (Financial System)	Municipal	MN140018	\$1,530,289
Broadband Fund-Leased Fiber Extensions	Municipal	MN160001	\$200,000
Economic Development Road Projects	Municipal	MN170004	\$1,175,000
Badger Mountain Park Improvements	Parks	PR130001	\$290,000
City-Wide Tree Replacement	Parks	PR130016	\$20,000
Municipal Facilities Renewal & Improvement Program	Parks	PR140020	\$538,862
Parks Facilities Renewal & Improvement Program	Parks	PR140021	\$400,000
Horn Rapids Athletic Complex Infield & Fence Renewal	Parks	PR160003	\$50,000
Parks & Neighborhood Safety Program	Parks	PR160005	\$10,000
Trailhead Park: Replacement of Steps & Bypass Trail	Parks	PR170001	\$40,000
Rivers to Ridges Trail: Badger Mountain Section	Parks	PR170004	\$225,000
McMurray Park - Sports Court	Parks	PR180001	\$75,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	\$100,000
Water Quality Retrofit Program	Stormwater	ST130006	\$998,750
Disposal Capacity Improvements	Solid Waste	SW130002	\$7,225,000
Landfill Closure, Phase 2	Solid Waste	SW130003	\$225,000
Solid Waste Facility Improvements	Solid Waste	SW160001	\$20,000
Compost Processing Improvements	Solid Waste	SW180001	\$247,000
Duportail Bridge	Transportation	TR130001	\$10,300,000
Pavement Preservation Program	Transportation	TR130003	\$2,266,372
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	\$242,360



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2019 thru 2024 (\$ To-Date Costs and Budget Remaining Totals Not Included)

Project Name	Department	Project #	Project Cost
Columbia Park Trail Improvements - East	Transportation	TR140016	\$55,000
Steptoe Street / Tapteal Drive Intersection Improvements	Transportation	TR140017	\$100,000
Center Parkway-South-Leslie Road to Clearwater Creek	Transportation	TR140019	\$150,000
Vantage Highway Pathway - Phase 2	Transportation	TR140020	\$79,500
Swift Boulevard Improvements	Transportation	TR160002	\$300,000
Marcus Whitman Elementary Sidewalks	Transportation	TR160003	\$26,000
South Richland Collector Streets	Transportation	TR160005	\$125,000
Pavement Preservation Program (GWW Resurfacing & Streetscape)	Transportation	TR170002	\$4,292,000
Van Giesen / Thayer Intersection Improvements	Transportation	TR180001	\$64,600
McMurray Rapid Flash Beacon	Transportation	TR180002	\$40,500
Orchard Elementary Crosswalk	Transportation	TR180003	\$50,895
Distribution System Repairs & Replacement	Water	WA130002	\$500,000
Irrigation Utility Capital Improvements	Water	WA130003	\$200,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	\$375,000
Yakima River Crossing Pipeline Replacement	Water	WA130008	\$1,136,365
Columbia River Intake Screen Upgrade	Water	WA160002	\$100,000
Island View Supply Redundancy Project	Water	WA160006	\$25,000
Leslie, Orchard & Broadmoor System Improvements	Water	WA180001	\$350,000
Columbia Playfield Improvements	Waterfront	WF140007	\$60,000
John Dam Plaza Improvements	Waterfront	WF140008	\$25,000
Howard Amon Park Improvements	Waterfront	WF140011	\$320,000
Wayfinding Signage & Gateway Entrance Improvements	Waterfront	WF140012	\$320,000
Columbia Point Marina Park Enhancements	Waterfront	WF150015	\$410,000
Leslie Groves Park Enhancements	Waterfront	WF160002	\$120,000
George Prout Pool Renewal	Waterfront	WF170001	\$20,000
City Reader Board	Waterfront	WF180001	\$170,000
Library Roof Renovation	Waterfront	WF180002	\$450,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	\$568,000
_		2019 Total:	\$51,116,202



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2019 thru 2024 (\$ To-Date Costs and Budget Remaining Totals Not Included)

Project Name	Department	Project #	Project Cost
2020			
Dallas Rd Area Improvements	Electric	ES130001	\$1,570,000
Leslie Rd Substation	Electric	ES130004	\$719,000
Smart Grid - Advanced Metering Infrastructure	Electric	ES130005	\$3,771,000
Electrical Substation Improvements	Electric	ES130007	\$424,000
Line Extensions	Electric	ES130008	\$1,288,000
Renewal & Replacement	Electric	ES130010	\$2,928,001
Systems Improvements	Electric	ES130011	\$830,000
Equipment Storage / Maintenance Repair Shop	Electric	ES130012	\$636,000
Fire Station 73 Replacement - Public Safety Facility	Municipal	MN130005	\$4,000,000
Equipment Replacement Program	Municipal	MN140016	\$8,021,453
ERP System (Financial System)	Municipal	MN140018	\$1,058,556
Economic Development Road Projects	Municipal	MN170004	\$825,000
Badger Mountain Park Improvements	Parks	PR130001	\$250,000
West Village Park at Badger Mountain South	Parks	PR130005	\$500,000
City-Wide Tree Replacement	Parks	PR130016	\$20,000
Municipal Facilities Renewal & Improvement Program	Parks	PR140020	\$538,862
Parks Facilities Renewal & Improvement Program	Parks	PR140021	\$400,000
By-Pass Shelterbelt Irrigation Renewal	Parks	PR160001	\$250,000
Horn Rapids Athletic Complex Infield & Fence Renewal	Parks	PR160003	\$30,000
Parks & Neighborhood Safety Program	Parks	PR160005	\$10,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	\$105,000
Water Quality Retrofit Program	Stormwater	ST130006	\$158,000
Landfill Closure, Phase 2	Solid Waste	SW130003	\$3,555,000
Solid Waste Facility Improvements	Solid Waste	SW160001	\$20,000
Duportail Bridge	Transportation	TR130001	\$4,696,154
Center Parkway - North - Gage to Tapteal Drive	Transportation	TR130002	\$1,580,266
Pavement Preservation Program	Transportation	TR130003	\$2,980,219
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	\$100,000
Columbia Park Trail Improvements - East	Transportation	TR140016	\$2,197,323



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2019 thru 2024 (\$ To-Date Costs and Budget Remaining Totals Not Included)

Project Name	Department	Project #	Project Cost
Steptoe Street / Tapteal Drive Intersection Improvements	Transportation	TR140017	\$1,369,900
Vantage Highway Pathway - Phase 2	Transportation	TR140020	\$805,700
Marcus Whitman Elementary Sidewalks	Transportation	TR160003	\$118,150
South Richland Collector Streets	Transportation	TR160005	\$125,000
Van Giesen / Thayer Intersection Improvements	Transportation	TR180001	\$737,600
Distribution System Repairs & Replacement	Water	WA130002	\$850,000
Irrigation Utility Capital Improvements	Water	WA130003	\$100,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	\$50,000
Yakima River Crossing Pipeline Replacement	Water	WA130008	\$1,086,365
Automatic Meter Reading System	Water	WA160001	\$1,800,000
Columbia River Intake Screen Upgrade	Water	WA160002	\$4,330,000
Island View Supply Redundancy Project	Water	WA160006	\$385,000
John Dam Plaza Improvements	Waterfront	WF140008	\$250,000
Shoreline Enhancement & Deferred Maintenance	Waterfront	WF140010	\$330,000
Howard Amon Park Improvements	Waterfront	WF140011	\$450,000
Columbia Point Marina Park Enhancements	Waterfront	WF150015	\$450,000
George Prout Pool Renewal	Waterfront	WF170001	\$130,000
Collection System Renewal & Replacement	Wastewater	WW130001	\$1,761,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	\$587,000
		2020 Total:	\$59,177,549
2021			
Dallas Rd Area Improvements	Electric	ES130001	\$3,179,000
Electrical Substation Improvements	Electric	ES130007	\$3,221,000
Line Extensions	Electric	ES130008	\$1,288,000
Purchase Southwest Service Area Infrastructure	Electric	ES130009	\$200,000
Renewal & Replacement	Electric	ES130010	\$2,263,002
Systems Improvements	Electric	ES130011	\$961,000
Equipment Replacement Program	Municipal	MN140016	\$3,781,081
Fire Station - Northeast	Municipal	MN170003	\$5,390,000
West Village Park at Badger Mountain South	Parks	PR130005	\$1,500,000



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2019 thru 2024 (\$ To-Date Costs and Budget Remaining Totals Not Included)

Project Name	Department	Project #	Project Cost
City-Wide Tree Replacement	Parks	PR130016	\$20,000
Municipal Facilities Renewal & Improvement Program	Parks	PR140020	\$538,862
Parks Facilities Renewal & Improvement Program	Parks	PR140021	\$400,000
By-Pass Shelterbelt Irrigation Renewal	Parks	PR160001	\$250,000
Horn Rapids Athletic Complex Infield & Fence Renewal	Parks	PR160003	\$30,000
Parks & Neighborhood Safety Program	Parks	PR160005	\$10,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	\$110,000
Water Quality Retrofit Program	Stormwater	ST130006	\$452,000
Solid Waste Facility Improvements	Solid Waste	SW160001	\$20,000
Pavement Preservation Program	Transportation	TR130003	\$2,985,652
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	\$100,000
Center Parkway-South-Leslie Road to Clearwater Creek	Transportation	TR140019	\$1,527,000
South Richland Collector Streets	Transportation	TR160005	\$125,000
Distribution System Repairs & Replacement	Water	WA130002	\$350,000
Irrigation Utility Capital Improvements	Water	WA130003	\$100,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	\$350,000
Tapteal I Pump Station Upgrade	Water	WA160010	\$500,000
Core 545 Zone Surge Analyses	Water	WA170001	\$100,000
Columbia Playfield Improvements	Waterfront	WF140007	\$330,000
John Dam Plaza Improvements	Waterfront	WF140008	\$200,000
Howard Amon Park Improvements	Waterfront	WF140011	\$590,000
Columbia Point Marina Park Enhancements	Waterfront	WF150015	\$300,000
Leslie Groves Park Enhancements	Waterfront	WF160002	\$350,000
Collection System Renewal & Replacement	Wastewater	WW130001	\$1,818,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	\$606,000
		2021 Total:	\$33,945,597
2022			
Dallas Rd Area Improvements	Electric	ES130001	\$1,093,000
Kingsgate Substation	Electric	ES130003	\$2,119,000
Electrical Substation Improvements	Electric	ES130007	\$3,181,000



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Project Name	Department	Project #	Project Cost
Line Extensions	Electric	ES130008	\$1,288,000
Renewal & Replacement	Electric	ES130010	\$3,966,003
Systems Improvements	Electric	ES130011	\$1,186,000
Equipment Replacement Program	Municipal	MN140016	\$3,327,201
City-Wide Tree Replacement	Parks	PR130016	\$20,000
Municipal Facilities Renewal & Improvement Program	Parks	PR140020	\$538,862
Parks Facilities Renewal & Improvement Program	Parks	PR140021	\$400,000
By-Pass Shelterbelt Irrigation Renewal	Parks	PR160001	\$250,000
Horn Rapids Athletic Complex Infield & Fence Renewal	Parks	PR160003	\$30,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	\$115,000
Water Quality Retrofit Program	Stormwater	ST130006	\$733,000
Solid Waste Facility Improvements	Solid Waste	SW160001	\$20,000
Pavement Preservation Program	Transportation	TR130003	\$2,991,070
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	\$100,000
South GWW Intersection Improvements	Transportation	TR130011	\$1,082,740
Queensgate Drive - Phase 2	Transportation	TR150025	\$81,160
South GWW Pedestrian Access & Safety Improvement	Transportation	TR160004	\$206,000
South Richland Collector Streets	Transportation	TR160005	\$125,000
Island View to Vista Field Trail	Transportation	TR180006	\$745,570
Distribution System Repairs & Replacement	Water	WA130002	\$597,000
Irrigation Utility Capital Improvements	Water	WA130003	\$100,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	\$50,000
Core 545 Zone Surge Analyses	Water	WA170001	\$896,000
John Dam Plaza Improvements	Waterfront	WF140008	\$200,000
Howard Amon Park Improvements	Waterfront	WF140011	\$390,000
Collection System Renewal & Replacement	Wastewater	WW130001	\$1,878,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	\$626,000
		2022 Total:	\$28,335,606
2023			
Dallas Rd Area Improvements	Electric	ES130001	\$1,474,000



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2019 thru 2024 (\$ To-Date Costs and Budget Remaining Totals Not Included)

	Project Name	Department	Project #	Project Cost
	Hanford Substation	Electric	ES130002	\$4,300,000
	Kingsgate Substation	Electric	ES130003	\$2,119,000
	Electrical Substation Improvements	Electric	ES130007	\$654,000
	Line Extensions	Electric	ES130008	\$1,288,000
	Renewal & Replacement	Electric	ES130010	\$2,989,004
)	Systems Improvements	Electric	ES130011	\$454,000
)	Fire Station - Northwest Area	Municipal	MN130009	\$5,390,000
)	Equipment Replacement Program	Municipal	MN140016	\$2,959,174
	Fire Station - Southeast Area & Land Acquisition	Municipal	MN170001	\$5,010,000
)	City-Wide Tree Replacement	Parks	PR130016	\$20,000
:	Municipal Facilities Renewal & Improvement Program	Parks	PR140020	\$538,862
	Parks Facilities Renewal & Improvement Program	Parks	PR140021	\$400,000
	By-Pass Shelterbelt Irrigation Renewal	Parks	PR160001	\$250,000
	Stormwater Rehabilitation & Replacement	Stormwater	ST130001	\$120,000
	Water Quality Retrofit Program	Stormwater	ST130006	\$752,000
	Solid Waste Facility Improvements	Solid Waste	SW160001	\$20,000
•	Pavement Preservation Program	Transportation	TR130003	\$2,996,471
	ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	\$100,000
	South GWW Intersection Improvements	Transportation	TR130011	\$6,425,980
	Queensgate Drive Extension - Phase 1	Transportation	TR140018	\$250,000
	Gage Boulevard Improvements	Transportation	TR150023	\$77,250
	Queensgate Drive - Phase 2	Transportation	TR150025	\$436,160
	Stevens Drive Pathway	Transportation	TR150026	\$72,100
	Vantage Highway Pathway - Phase 3	Transportation	TR150027	\$53,000
	South GWW Pedestrian Access & Safety Improvement	Transportation	TR160004	\$2,472,000
	South Richland Collector Streets	Transportation	TR160005	\$125,000
	Trowbridge Boulevard - Dallas to Ava Way	Transportation	TR180004	\$584,850
	Ava Way Extension	Transportation	TR180005	\$361,150
	Island View to Vista Field Trail	Transportation	TR180006	\$160,000
	Dallas Road / Ava Way Intersection Improvements	Transportation	TR180007	\$500,000



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2019 thru 2024 (\$ To-Date Costs and Budget Remaining Totals Not Included)

Project Name	Department	Project #	Project Cost
SR 240 / I-182 / Aaron Interchange Improvements	Transportation	TR180008	\$4,000,000
Shockley Road Extension	Transportation	TR180009	\$934,660
Dallas Rd / Trowbridge Blvd Intersection Improvements	Transportation	TR180010	\$65,000
Trowbridge Boulevard - Ava to Rd B-C	Transportation	TR180011	\$1,903,470
Dallas Road Widening	Transportation	TR180012	\$274,270
Dallas Rd / I-82 Westbound Ramp Intersection Improvements	Transportation	TR180013	\$78,000
Dallas Rd / I-82 Eastbound Ramp Intersection Improvements	Transportation	TR180014	\$78,000
Bella Coola Lane	Transportation	TR180015	\$2,392,550
Trowbridge Blvd / Ava Way Intersection Improvements	Transportation	TR180016	\$52,000
Trowbridge Blvd / Bella Coola Ln Intersection Improvements	Transportation	TR180017	\$39,000
Road B-C / Trowbridge Intersection Improvements	Transportation	TR180018	\$65,000
Road B-C	Transportation	TR180019	\$1,378,550
Gage Boulevard Extension	Transportation	TR180020	\$1,176,130
Kingsgate / Queensgate Corridor Improvements	Transportation	TR180021	\$18,217,385
Distribution System Repairs & Replacement	Water	WA130002	\$615,000
Irrigation Utility Capital Improvements	Water	WA130003	\$100,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	\$350,000
Water Treatment Plant Pumping Capacity Improvements	Water	WA170002	\$766,000
Fire Station 71 - Replacement Station	Waterfront	WF140004	\$5,300,000
John Dam Plaza Improvements	Waterfront	WF140008	\$200,000
Collection System Renewal & Replacement	Wastewater	WW130001	\$1,939,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	\$646,000
		2023 Total:	\$83,922,016
2024			
Dallas Rd Area Improvements	Electric	ES130001	\$1,093,000
Hanford Substation	Electric	ES130002	\$4,300,000
Electrical Substation Improvements	Electric	ES130007	\$2,774,000
Line Extensions	Electric	ES130008	\$1,226,000
Renewal & Replacement	Electric	ES130010	\$2,973,005
Systems Improvements	Electric	ES130011	\$432,000



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2019 thru 2024 (\$ To-Date Costs and Budget Remaining Totals Not Included)

Project Name	Department	Project #	Project Cost
Equipment Replacement Program	Municipal	MN140016	\$3,881,435
Municipal Facilities Renewal & Improvement Program	Parks	PR140020	\$538,862
Parks Facilities Renewal & Improvement Program	Parks	PR140021	\$400,000
Stormwater Rehabilitation & Replacement	Stormwater	ST130001	\$125,000
Water Quality Retrofit Program	Stormwater	ST130006	\$155,000
Solid Waste Facility Improvements	Solid Waste	SW160001	\$20,000
Pavement Preservation Program	Transportation	TR130003	\$3,356,852
ADA Compliance / Sidewalk Repairs Program	Transportation	TR130004	\$100,000
Queensgate Drive Extension - Phase 1	Transportation	TR140018	\$850,000
Gage Boulevard Improvements	Transportation	TR150023	\$772,500
Queensgate Drive - Phase 2	Transportation	TR150025	\$349,310
Stevens Drive Pathway	Transportation	TR150026	\$906,400
Vantage Highway Pathway - Phase 3	Transportation	TR150027	\$583,000
South Richland Collector Streets	Transportation	TR160005	\$125,000
Trowbridge Boulevard - Dallas to Ava Way	Transportation	TR180004	\$427,600
Ava Way Extension	Transportation	TR180005	\$270,380
Island View to Vista Field Trail	Transportation	TR180006	\$4,250,000
SR 240 / I-182 / Aaron Interchange Improvements	Transportation	TR180008	\$36,000,000
Shockley Road Extension	Transportation	TR180009	\$367,600
Dallas Rd / Trowbridge Blvd Intersection Improvements	Transportation	TR180010	\$435,000
Trowbridge Boulevard - Ava to Rd B-C	Transportation	TR180011	\$1,409,540
Dallas Road Widening	Transportation	TR180012	\$914,230
Dallas Rd / I-82 Westbound Ramp Intersection Improvements	Transportation	TR180013	\$522,000
Dallas Rd / I-82 Eastbound Ramp Intersection Improvements	Transportation	TR180014	\$522,000
Bella Coola Lane	Transportation	TR180015	\$1,781,400
Trowbridge Blvd / Ava Way Intersection Improvements	Transportation	TR180016	\$348,000
Trowbridge Blvd / Bella Coola Ln Intersection Improvements	Transportation	TR180017	\$261,000
Road B-C / Trowbridge Intersection Improvements	Transportation	TR180018	\$435,000
Road B-C	Transportation	TR180019	\$542,180
Gage Boulevard Extension	Transportation	TR180020	\$823,130



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2019 thru 2024 (\$ To-Date Costs and Budget Remaining Totals Not Included)

Project Name	Department	Project #	Project Cost
Kingsgate / Queensgate Corridor Improvements	Transportation	TR180021	\$46,062,615
Distribution System Repairs & Replacement	Water	WA130002	\$350,000
Irrigation Utility Capital Improvements	Water	WA130003	\$100,000
Water Treatment Plant Renewal & Replacement	Water	WA130007	\$50,000
Tapteal I Pump Station Upgrade	Water	WA160010	\$1,647,000
John Dam Plaza Improvements	Waterfront	WF140008	\$200,000
Columbia Pt. Golf Course Clubhouse Modernization & Course Improvements	Waterfront	WF160003	\$600,000
Collection System Renewal & Replacement	Wastewater	WW130001	\$2,002,000
Wastewater Treatment Facility Renewal & Replacement	Wastewater	WW130006	\$667,000
		2024 Total:	\$125,949,039
		Report Total:	\$382,446,009

2019 thru 2024

Summary - Project Costs by Department/Year

Department		\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Electric		20,278,000	14,648,000	11,132,000	12,166,001	11,112,002	12,833,003	13,278,004	12,798,005	108,245,015
Municipal		8,536,252	6,555,172	6,277,998	13,905,009	9,171,081	3,327,201	13,359,174	3,881,435	65,013,322
Parks		3,883,459	3,285,000	1,648,862	1,998,862	2,748,862	1,238,862	1,208,862	938,862	16,951,631
Solid Waste		238,045	1,315,000	7,717,000	3,575,000	20,000	20,000	20,000	20,000	12,925,045
Stormwater		2,270,882	1,898,729	1,098,750	263,000	562,000	848,000	872,000	280,000	8,093,361
Transportation		28,677,539	22,207,209	18,092,227	14,710,312	4,737,652	5,331,540	45,267,976	102,414,737	241,439,192
Wastewater		11,459,003	4,175,068	568,000	2,348,000	2,424,000	2,504,000	2,585,000	2,669,000	28,732,071
Water		33,697,369	8,739,146	2,686,365	8,601,365	1,400,000	1,643,000	1,831,000	2,147,000	60,745,245
Waterfront		7,935,388	17,003,786	1,895,000	1,610,000	1,770,000	590,000	5,500,000	800,000	37,104,174
	Report Total:	116,975,937	79,827,110	51,116,202	59,177,549	33,945,597	28,335,606	83,922,016	125,949,039	579,249,056

2019 thru 2024

Detail - Project Costs by Department/Year

Department	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Electric									
Dallas Rd Area Improvements	1,563,000	0	0	1,570,000	3,179,000	1,093,000	1,474,000	1,093,000	9,972,000
Electrical Substation Improvements	3,298,000	424,000	816,000	424,000	3,221,000	3,181,000	654,000	2,774,000	14,792,000
Equipment Storage / Maintenance Repair Shop	0	0	0	636,000	0	0	0	0	636,000
Hanford Substation	0	0	0	0	0	0	4,300,000	4,300,000	8,600,000
Kingsgate Substation	0	0	0	0	0	2,119,000	2,119,000	0	4,238,000
Leslie Rd Substation	4,351,000	4,095,000	1,417,000	719,000	0	0	0	0	10,582,000
Line Extensions	4,746,000	1,288,000	1,288,000	1,288,000	1,288,000	1,288,000	1,288,000	1,226,000	13,700,000
Purchase Southwest Service Area Infrastructure	269,000	158,000	125,000	0	200,000	0	0	0	752,000
Renewal & Replacement	2,538,000	3,923,000	2,925,000	2,928,001	2,263,002	3,966,003	2,989,004	2,973,005	24,505,015
Smart Grid - Advanced Metering Infrastructure	564,000	3,031,000	3,581,000	3,771,000	0	0	0	0	10,947,000
Systems Improvements	2,949,000	1,729,000	980,000	830,000	961,000	1,186,000	454,000	432,000	9,521,000
Electric Total:	20,278,000	14,648,000	11,132,000	12,166,001	11,112,002	12,833,003	13,278,004	12,798,005	108,245,015
Municipal									
Access Control & Security Camera System Replacement	0	550,000	0	0	0	0	0	0	550,000
Animal Control Shelter	1,500,000	0	0	0	0	0	0	0	1,500,000
Broadband Fund-Leased Fiber Extensions	200,000	100,000	200,000	0	0	0	0	0	500,000
Economic Development Road Projects	0	1,625,000	1,175,000	825,000	0	0	0	0	3,625,000
Equipment Replacement Program	4,160,252	2,431,409	3,372,709	8,021,453	3,781,081	3,327,201	2,959,174	3,881,435	31,934,714
ERP System (Financial System)	2,676,000	1,348,763	1,530,289	1,058,556	0	0	0	0	6,613,608
Fire Station - Northeast	0	0	0	0	5,390,000	0	0	0	5,390,000
Fire Station - Northwest Area	0	0	0	0	0	0	5,390,000	0	5,390,000
Fire Station - Southeast Area & Land Acquisition	0	500,000	0	0	0	0	5,010,000	0	5,510,000
Fire Station 73 Replacement - Public Safety Facility	0	0	0	4,000,000	0	0	0	0	4,000,000
Fire Station Badger Mountain South - Public Safety Facility	0	0	0	0	0	0	0	0	0
Municipal Total:	8,536,252	6,555,172	6,277,998	13,905,009	9,171,081	3,327,201	13,359,174	3,881,435	65,013,322
Parks									
Badger Mountain Park Improvements	808,502	0	290,000	250,000	0	0	0	0	1,348,502
By-Pass Shelterbelt Irrigation Renewal	456,458	0	0	250,000	250,000	250,000	250,000	0	1,456,458



2019 thru 2024

Detail - Project Costs by Department/Year

Department	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
City-Wide Tree Replacement	100,000	20,000	20,000	20,000	20,000	20,000	20,000	0	220,000
Horn Rapids Athletic Complex Infield & Fence Renewal	50,000	30,000	50,000	30,000	30,000	30,000	0	0	220,000
McMurray Park - Sports Court	0	0	75,000	0	0	0	0	0	75,000
Municipal Facilities Renewal & Improvement Program	1,930,499	287,000	538,862	538,862	538,862	538,862	538,862	538,862	5,450,671
Parks & Neighborhood Safety Program	91,000	20,000	10,000	10,000	10,000	0	0	0	141,000
Parks Facilities Renewal & Improvement Program	442,000	378,000	400,000	400,000	400,000	400,000	400,000	400,000	3,220,000
Rivers to Ridges Trail: Badger Mountain Section	0	2,500,000	225,000	0	0	0	0	0	2,725,000
Trailhead Park: Replacement of Steps & Bypass Trail	5,000	50,000	40,000	0	0	0	0	0	95,000
West Village Park at Badger Mountain South	0	0	0	500,000	1,500,000	0	0	0	2,000,000
Parks Total:	3,883,459	3,285,000	1,648,862	1,998,862	2,748,862	1,238,862	1,208,862	938,862	16,951,631
Solid Waste									
Compost Processing Improvements	0	0	247,000	0	0	0	0	0	247,000
Disposal Capacity Improvements	143,512	1,275,000	7,225,000	0	0	0	0	0	8,643,512
Landfill Closure, Phase 2	0	0	225,000	3,555,000	0	0	0	0	3,780,000
Solid Waste Facility Improvements	94,533	40,000	20,000	20,000	20,000	20,000	20,000	20,000	254,533
Solid Waste Total:	238,045	1,315,000	7,717,000	3,575,000	20,000	20,000	20,000	20,000	12,925,045
Stormwater									
Leslie Road Storm Drain Replacement	0	839,000	0	0	0	0	0	0	839,000
Stormwater Rehabilitation & Replacement	1,308,290	338,910	100,000	105,000	110,000	115,000	120,000	125,000	2,322,200
Water Quality Retrofit Program	962,592	720,819	998,750	158,000	452,000	733,000	752,000	155,000	4,932,161
Stormwater Total:	2,270,882	1,898,729	1,098,750	263,000	562,000	848,000	872,000	280,000	8,093,361
Transportation									
ADA Compliance / Sidewalk Repairs Program	696,641	285,305	242,360	100,000	100,000	100,000	100,000	100,000	1,724,306
Ava Way Extension	0	0	0	0	0	0	361,150	270,380	631,530
Bella Coola Lane	0	0	0	0	0	0	2,392,550	1,781,400	4,173,950
Center Parkway - North - Gage to Tapteal Drive	3,187,772	820,178	0	1,580,266	0	0	0	0	5,588,216
Center Parkway-South-Leslie Road to Clearwater Creek	150,000	50,000	150,000	0	1,527,000	0	0	0	1,877,000
Columbia Park Trail Improvements - East	0	50,000	55,000	2,197,323	0	0	0	0	2,302,323
Dallas Rd / I-82 Eastbound Ramp Intersection Improvements	0	0	0	0	0	0	78,000	522,000	600,000

2019 thru 2024

Detail - Project Costs by Department/Year

Department	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Dallas Rd / I-82 Westbound Ramp Intersection Improvements	0	0	0	0	0	0	78,000	522,000	600,000
Dallas Rd / Trowbridge Blvd Intersection Improvements	0	0	0	0	0	0	65,000	435,000	500,000
Dallas Road / Ava Way Intersection Improvements	0	0	0	0	0	0	500,000	0	500,000
Dallas Road Widening	0	0	0	0	0	0	274,270	914,230	1,188,500
Duportail Bridge	5,888,169	16,577,238	10,300,000	4,696,154	0	0	0	0	37,461,561
Gage Boulevard Extension	0	0	0	0	0	0	1,176,130	823,130	1,999,260
Gage Boulevard Improvements	0	0	0	0	0	0	77,250	772,500	849,750
Island View to Vista Field Trail	0	0	0	0	0	745,570	160,000	4,250,000	5,155,570
Kingsgate / Queensgate Corridor Improvements	0	0	0	0	0	0	18,217,385	46,062,615	64,280,000
Marcus Whitman Elementary Sidewalks	0	0	26,000	118,150	0	0	0	0	144,150
McMurray Rapid Flash Beacon	0	0	40,500	0	0	0	0	0	40,500
Orchard Elementary Crosswalk	0	0	50,895	0	0	0	0	0	50,895
Pavement Preservation Program	18,206,763	1,726,843	2,266,372	2,980,219	2,985,652	2,991,070	2,996,471	3,356,852	37,510,242
Pavement Preservation Program (GWW Resurfacing &	0	100,000	4,292,000	0	0	0	0	0	4,392,000
Queensgate Drive - Phase 2	0	0	0	0	0	81,160	436,160	349,310	866,630
Queensgate Drive Extension - Phase 1	51,150	0	0	0	0	0	250,000	850,000	1,151,150
Road B-C	0	0	0	0	0	0	1,378,550	542,180	1,920,730
Road B-C / Trowbridge Intersection Improvements	0	0	0	0	0	0	65,000	435,000	500,000
Shockley Road Extension	0	0	0	0	0	0	934,660	367,600	1,302,260
South GWW Intersection Improvements	108,485	0	0	0	0	1,082,740	6,425,980	0	7,617,205
South GWW Pedestrian Access & Safety Improvement	0	0	0	0	0	206,000	2,472,000	0	2,678,000
South Richland Collector Streets	345,688	42,645	125,000	125,000	125,000	125,000	125,000	125,000	1,138,333
SR 240 / I-182 / Aaron Interchange Improvements	0	0	0	0	0	0	4,000,000	36,000,000	40,000,000
Steptoe Street / Tapteal Drive Intersection Improvements	40,000	75,000	100,000	1,369,900	0	0	0	0	1,584,900
Stevens Drive Pathway	0	0	0	0	0	0	72,100	906,400	978,500
Swift Boulevard Improvements	2,871	2,480,000	300,000	0	0	0	0	0	2,782,871
Trowbridge Blvd / Ava Way Intersection Improvements	0	0	0	0	0	0	52,000	348,000	400,000
Trowbridge Blvd / Bella Coola Ln Intersection Improvements	0	0	0	0	0	0	39,000	261,000	300,000
Trowbridge Boulevard - Ava to Rd B-C	0	0	0	0	0	0	1,903,470	1,409,540	3,313,010

2019 thru 2024

Detail - Project Costs by Department/Year

Department	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Trowbridge Boulevard - Dallas to Ava Way	0	0	0	0	0	0	584,850	427,600	1,012,450
Van Giesen / Thayer Intersection Improvements	0	0	64,600	737,600	0	0	0	0	802,200
Vantage Highway Pathway - Phase 2	0	0	79,500	805,700	0	0	0	0	885,200
Vantage Highway Pathway - Phase 3	0	0	0	0	0	0	53,000	583,000	636,000
Transportation Total:	28,677,539	22,207,209	18,092,227	14,710,312	4,737,652	5,331,540	45,267,976	102,414,737	241,439,192
Wastewater									
Collection System Renewal & Replacement	7,895,716	3,513,986	0	1,761,000	1,818,000	1,878,000	1,939,000	2,002,000	20,807,702
Wastewater Treatment Facility Renewal & Replacement	3,563,287	661,082	568,000	587,000	606,000	626,000	646,000	667,000	7,924,369
Wastewater Total:	11,459,003	4,175,068	568,000	2,348,000	2,424,000	2,504,000	2,585,000	2,669,000	28,732,071
Water									
Automatic Meter Reading System	0	3,235,000	0	1,800,000	0	0	0	0	5,035,000
Chief Joseph Middle School Irrigation Well	0	150,000	0	0	0	0	0	0	150,000
Columbia River Intake Screen Upgrade	0	200,000	100,000	4,330,000	0	0	0	0	4,630,000
Core 545 Zone Surge Analyses	0	0	0	0	100,000	896,000	0	0	996,000
Distribution System Repairs & Replacement	29,471,891	368,876	500,000	850,000	350,000	597,000	615,000	350,000	33,102,767
Irrigation Utility Capital Improvements	1,402,067	839,662	200,000	100,000	100,000	100,000	100,000	100,000	2,941,729
Island View Supply Redundancy Project	0	0	25,000	385,000	0	0	0	0	410,000
Leslie, Orchard & Broadmoor System Improvements	0	0	350,000	0	0	0	0	0	350,000
Tapteal I Pump Station Upgrade	0	0	0	0	500,000	0	0	1,647,000	2,147,000
Water Treatment Plant Pumping Capacity Improvements	0	0	0	0	0	0	766,000	0	766,000
Water Treatment Plant Renewal & Replacement	2,664,911	1,037,858	375,000	50,000	350,000	50,000	350,000	50,000	4,927,769
Yakima River Crossing Pipeline Replacement	158,500	2,907,750	1,136,365	1,086,365	0	0	0	0	5,288,980
Water Total:	33,697,369	8,739,146	2,686,365	8,601,365	1,400,000	1,643,000	1,831,000	2,147,000	60,745,245
Waterfront	7,935,388	17,003,786	1,895,000	1,610,000	1,770,000	590,000	5,500,000	800,000	37,104,174
City Reader Board	0	0	170,000	0	0	0	0	0	170,000
Columbia Playfield Improvements	1,403,958	183,000	60,000	0	330,000	0	0	0	1,976,958
Columbia Point Marina Park Enhancements	722,846	350,000	410,000	450,000	300,000	0	0	0	2,232,846
Columbia Pt. Golf Course Clubhouse Modernization & Course	266,000	30,000	0	0	0	0	0	600,000	896,000
Fire Station 71 - Replacement Station	0	0	0	0	0	0	5,300,000	0	5,300,000



2019 thru 2024

Detail - Project Costs by Department/Year

Department	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
George Prout Pool Renewal	C	200,000	20,000	130,000	0	0	0	0	350,000
Howard Amon Park Improvements	365,400	200,000	320,000	450,000	590,000	390,000	0	0	2,315,400
John Dam Plaza Improvements	1,475,894	0	25,000	250,000	200,000	200,000	200,000	200,000	2,550,894
Leslie Groves Park Enhancements	C	0	120,000	0	350,000	0	0	0	470,000
Library Roof Renovation	C	0	450,000	0	0	0	0	0	450,000
Shoreline Enhancement & Deferred Maintenance	90,000	30,000	0	330,000	0	0	0	0	450,000
Swift Corridor: City Hall Replacement	3,258,979	15,560,786	0	0	0	0	0	0	18,819,765
Wayfinding Signage & Gateway Entrance Improvements	352,311	450,000	320,000	0	0	0	0	0	1,122,311
Waterfront Total:	7,935,388	17,003,786	1,895,000	1,610,000	1,770,000	590,000	5,500,000	800,000	37,104,174
Report Total:	116,975,937	79,827,110	51,116,202	59,177,549	33,945,597	28,335,606	83,922,016	125,949,039	579,249,056



2019 thru 2024 - Funding Source

Summary - Funding Sources by Department/Year

Department		\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Electric										
Bonds - Future Rate Issue		0	0	0	3,180,000	2,308,000	1,515,800	1,800,200	0	8,804,000
Bonds - Prior Issue		12,430,000	7,828,000	2,842,600	0	0	0	0	0	23,100,600
Facility Fees		1,000,000	500,000	500,000	500,000	600,000	600,000	700,000	700,000	5,100,000
Rate Revenue		6,848,000	6,320,000	7,789,400	8,486,001	8,204,002	10,717,203	10,777,804	12,098,005	71,240,415
	Electric Total:	20,278,000	14,648,000	11,132,000	12,166,001	11,112,002	12,833,003	13,278,004	12,798,005	108,245,015
Municipal	-									
Capital Lease/LT Debt Proceeds		632,836	0	0	730,000	0	0	745,000	0	2,107,836
Electric Fund		901,430	715,100	628,756	554,042	353,014	388,316	427,148	469,862	4,437,668
Equipment Maint Fund		94,609	55,643	48,635	39,301	17,412	18,283	19,197	20,157	313,237
Equipment Reserves		1,764,581	(241,940)	(366,316)	3,989,758	235,219	(483,533)	(1,884,068)	(1,425,376)	1,588,325
Facility Fees		100,000	50,000	100,000	0	0	0	0	0	250,000
General Fund		3,374,261	1,546,700	1,436,690	1,304,134	954,973	1,002,721	1,052,858	1,105,501	11,777,838
Healthcare Benefits Fund		158,053	36,804	41,757	28,885	0	0	0	0	265,499
Industrial Development Fund		17,808	1,634,776	1,186,092	832,673	0	0	0	0	3,671,349
Medical Services Fund		182,660	282,710	339,991	301,838	205,117	215,373	226,141	237,448	1,991,278
Public Safety Sales Tax		69,046	55,266	59,496	59,477	58,068	59,229	60,414	61,622	482,618
Public Works Admin & Eng		55,689	71,979	36,070	38,424	39,930	43,923	48,315	53,147	387,477
Rate Revenue		100,000	50,000	100,000	0	0	0	0	0	250,000
REET-RE Excise Tax 1st 1/4%		0	500,000	0	0	0	0	0	0	500,000
Solid Waste Fund		118,905	937,744	1,720,283	1,067,851	1,067,695	1,174,464	1,291,911	2,317,405	9,696,258
Stormwater Fund		112,287	104,249	107,148	104,120	94,093	96,915	99,823	102,818	821,453
Street Fund		0	23,372	0	0	0	0	0	0	23,372
Streets Fund (GF)		191,417	171,805	185,653	189,856	189,053	198,506	208,431	218,852	1,553,573
Unfunded		0	0	0	4,000,000	5,390,000	0	10,400,000	0	19,790,000
Wastewater Fund		309,988	245,997	301,614	332,446	306,925	322,272	338,385	355,305	2,512,932
Water Fund		352,682	314,967	352,129	332,204	259,582	290,732	325,619	364,694	2,592,609
,	Municipal Total:	8,536,252	6,555,172	6,277,998	13,905,009	9,171,081	3,327,201	13,359,174	3,881,435	65,013,322

2019 thru 2024 - Funding Source

Summary - Funding Sources by Department/Year

Department		\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
CDBG Funds		0	0	75,000	0	0	0	0	0	75,000
Donations		78,580	1,000,000	0	0	0	0	0	0	1,078,580
Electric Fund		132,710	6,520	6,815	6,815	6,815	6,815	6,815	6,815	180,120
Equipment Maint Fund		6,921	1,089	240,000	240,000	240,000	240,000	240,000	240,000	1,448,010
General Fund		1,887,637	649,024	683,300	683,300	683,300	683,300	683,300	683,300	6,636,461
Grant - RCO		215,676	1,500,000	0	0	0	0	0	0	1,715,676
Hotel/Motel-Lodging Funds		0	0	240,000	0	0	0	0	0	240,000
Medical Services Fund		1,700	1,162	1,215	1,215	1,215	1,215	1,215	1,215	10,152
Park Partnership Program		5,000	0	0	0	0	0	0	0	5,000
Parks Reserve Fund		248,246	0	0	0	0	0	0	0	248,246
Parks Reserve Fund (Undesignated)		75,000	0	0	0	0	0	0	0	75,000
Parks Reserve-Park District 2		0	50,000	315,000	0	0	0	0	0	365,000
Parks Reserve-Park District 3		196,000	0	0	300,000	0	0	0	0	496,000
Public Safety Sales Tax		91,000	20,000	10,000	10,000	10,000	0	0	0	141,000
Public Works Admin & Eng		2,763	982	1,027	1,027	1,027	1,027	1,027	1,027	9,907
REET-RE Excise Tax 1st 1/4%		742,000	0	0	550,000	250,000	250,000	250,000	0	2,042,000
REET-RE Excise Tax 2nd 1/4%		60,000	50,000	70,000	0	50,000	50,000	20,000	0	300,000
Solid Waste Fund		10,532	1,378	1,440	1,440	1,440	1,440	1,440	1,440	20,550
Stormwater Fund		7,380	239	250	250	250	250	250	250	9,119
Streets Fund (GF)		8,262	1,600	1,672	1,672	1,672	1,672	1,672	1,672	19,894
Undesignated Park Reserve Fund		0	0	0	200,000	200,000	0	0	0	400,000
Unfunded		0	0	0	0	1,300,000	0	0	0	1,300,000
Wastewater Fund		38,353	786	822	822	822	822	822	822	44,071
Water Fund		55,699	2,220	2,321	2,321	2,321	2,321	2,321	2,321	71,845
WCIA Insurance Settlement Pmt		20,000	0	0	0	0	0	0	0	20,000
	Parks Total:	3,883,459	3,285,000	1,648,862	1,998,862	2,748,862	1,238,862	1,208,862	938,862	16,951,631

2019 thru 2024 - Funding Source

Summary - Funding Sources by Department/Year

Department		\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Solid Waste										
Rate Revenue		238,045	40,000	267,000	20,000	20,000	20,000	20,000	20,000	645,045
Solid Waste Closure & Gen Ob Bonds		0	1,275,000	7,225,000	0	0	0	0	0	8,500,000
Solid Waste Fund (Rsv for closure)		0	0	225,000	3,555,000	0	0	0	0	3,780,000
9	Solid Waste Total:	238,045	1,315,000	7,717,000	3,575,000	20,000	20,000	20,000	20,000	12,925,045
Stormwater	_									
Grant - WA State Dept of Ecology		758,485	540,614	749,057	0	0	0	0	0	2,048,156
Grant Funds (Unsecured)		0	0	0	118,500	339,000	549,750	564,000	0	1,571,250
Rate Revenue		1,512,397	1,358,115	349,693	144,500	223,000	298,250	308,000	280,000	4,473,955
	Stormwater Total:	2,270,882	1,898,729	1,098,750	263,000	562,000	848,000	872,000	280,000	8,093,361
Transportation	_									
2013 BFCOG STP Funding Dist		1,048,107	0	0	0	0	0	0	0	1,048,107
2017 BFCOG STP Funding Dist		0	789,449	0	0	0	0	0	0	789,449
Benton County Rural Cap Funds		0	500,000	300,000	0	0	0	0	0	800,000
Benton County Rural Dev Funds (City)		0	0	0	0	0	0	1,200,000	0	1,200,000
Business License Reserve Fund		23,290	57,410	25,000	25,000	25,000	25,000	25,000	25,000	230,700
CDBG Funds		497,840	242,580	207,360	65,000	65,000	65,000	65,000	65,000	1,272,780
City of Kennewick (RR Negotiation)		1,059,260	0	0	0	0	0	0	0	1,059,260
Developer Contribution (ROW)		0	136,000	0	0	0	0	0	0	136,000
Federal Appropriation (2013 Budget)		325,383	0	0	0	0	0	0	0	325,383
General Fund		3,436,408	1,130,000	930,000	930,000	930,000	930,000	930,000	930,000	10,146,408
General Fund (in Lieu of PWTF Debt Svc)		257,892	0	0	0	0	0	0	0	257,892
Grant - (Unsecured)		0	0	50,895	0	0	0	0	0	50,895
Grant - BFCOG STP Funding (Unsecured)		0	0	55,000	918,700	0	0	0	0	973,700
Grant - BFCOG TAP Fund Award		0	50,000	0	353,623	0	0	0	0	403,623
Grant - STP Fund - COG (Unsecured)		0	0	0	1,366,930	0	0	0	0	1,366,930
Grant - TAP (UL) (Unsecured)		0	0	0	0	0	0	31,800	530,000	561,800
Grant - TIB		373,752	270,248	0	0	0	0	0	0	644,000
Grant - TIB (Unsecured)		747,890	3,737,512	4,144,335	583,599	0	417,890	4,113,080	0	13,744,306

2019 thru 2024 - Funding Source

Summary - Funding Sources by Department/Year

Department	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Grant - Washington State	200,000	12,018,444	4,905,665	3,075,891	0	0	0	0	20,200,000
Grant - WSDOT	0	0	0	1,369,900	0	0	0	0	1,369,900
Grant - WSDOT Bike/Ped (Unsecured)	0	0	0	0	0	0	824,000	0	824,000
Grant - WSDOT HSIP (Unsecured)	0	0	98,300	664,600	0	0	0	0	762,900
Grant - WSDOT NHS (Unsecured)	0	40,000	3,033,600	0	0	0	0	0	3,073,600
Grant Funds (Unsecured)	0	0	94,950	831,465	0	0	0	0	926,415
HSIP Funds (Secured)	32,436	0	0	0	0	0	0	0	32,436
Impact Fees	546,838	92,645	275,000	125,000	125,000	125,000	1,321,000	1,672,980	4,283,463
Industrial Development Fund	320,000	835,000	0	0	0	0	0	0	1,155,000
Interfund Loan & Gen Ob Bonds	1,653,756	6,795	0	0	0	0	0	0	1,660,551
LTGO 98 Fund	715,000	0	0	0	0	0	0	0	715,000
Port of Kennewick	0	0	0	800,000	0	0	0	0	800,000
Private Partner	40,000	0	0	0	0	0	0	0	40,000
Public Works Trust Fund Loan	750,000	0	0	0	0	0	0	0	750,000
REET-RE Excise Tax 1st 1/4%	643,417	15,315	79,963	278,570	0	291,160	222,130	157,288	1,687,843
REET-RE Excise Tax 2nd 1/4%	3,702,935	1,290,000	897,387	321,815	310,000	619,000	1,273,900	310,000	8,725,037
STP - Urban Grant	524,990	0	0	0	0	0	0	0	524,990
STP Fund (Secured-COG)	456,260	413,930	0	0	0	0	0	0	870,190
STP Fund (Unsecured-COG)	0	0	0	0	0	270,690	1,606,500	0	1,877,190
STP-UL Funds (Secured)	48,143	0	0	0	0	0	0	0	48,143
Street Fund - Fuel Tax	1,945,469	0	0	0	0	0	0	0	1,945,469
Street Fund - Utility Charges	2,687,270	0	0	0	0	0	0	0	2,687,270
Street Fund - Utility Occupation Tax	6,129,241	0	0	0	0	0	0	0	6,129,241
Streets Fund (GF)	537,000	0	0	0	0	0	0	0	537,000
Transportation Benefit District	0	556,843	414,772	420,219	425,652	431,070	436,471	796,852	3,481,879
Unfunded	0	0	1,330,000	1,330,000	2,857,000	2,156,730	33,219,095	97,927,617	138,820,442

2019 thru 2024 - Funding Source

Summary - Funding Sources by Department/Year

Department		\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
WSDOT SR 240 Project Funds		0	0	1,250,000	1,250,000	0	0	0	0	2,500,000
	Transportation Total:	28,702,577	22,182,171	18,092,227	14,710,312	4,737,652	5,331,540	45,267,976	102,414,737	241,439,192
Wastewater	_									
Bonds - Prior Issue		0	1,523,595	0	0	0	0	0	0	1,523,595
Facility Fees		200,000	1,600,000	300,000	600,000	600,000	600,000	600,000	600,000	5,100,000
Rate Revenue		11,259,003	1,051,473	268,000	1,748,000	1,824,000	1,904,000	1,985,000	2,069,000	22,108,476
	Wastewater Total:	11,459,003	4,175,068	568,000	2,348,000	2,424,000	2,504,000	2,585,000	2,669,000	28,732,07
Water	_									
Bonds - Future Rate Issue		0	0	0	4,330,000	0	0	0	0	4,330,000
Bonds - Prior Issue		5,243,509	1,020,690	1,636,365	1,936,365	0	0	0	0	9,836,929
Facility Fees		35,000	75,000	25,000	385,000	250,000	0	0	1,647,000	2,417,000
Grant - FEMA		106,241	1,887,060	0	0	0	0	0	0	1,993,30
Grant - Supplemental/Federal		503,000	0	0	0	0	0	0	0	503,000
Public Works Trust Fund Loan		15,525,414	0	0	0	0	0	0	0	15,525,414
Rate Revenue		12,284,205	5,706,396	1,025,000	1,950,000	900,000	1,643,000	1,831,000	500,000	25,839,60
Richland School District		0	50,000	0	0	0	0	0	0	50,000
West Richland		0	0	0	0	250,000	0	0	0	250,000
	Water Total:	33,697,369	8,739,146	2,686,365	8,601,365	1,400,000	1,643,000	1,831,000	2,147,000	60,745,245
Waterfront	_									
Bond Proceeds		15,168,049	0	0	0	0	0	0	0	15,168,049
Bonds - Future Rate Issue		0	0	0	0	0	0	5,300,000	0	5,300,000
Business License Reserve Fund		181,894	50,000	0	50,000	50,000	0	0	0	331,894
CDBG Funds		63,000	0	0	0	0	0	0	0	63,000
Donations		160,000	0	0	0	0	0	0	0	160,000
General Fund		0	353,000	0	0	0	0	0	0	353,000
General Fund - Facility Reserves		458,660	0	0	0	0	0	0	0	458,660
Grant		480,000	0	0	0	0	0	0	0	480,000
Grant - RCO		235,400	0	150,000	0	170,000	0	0	0	555,400



2019 thru 2024 - Funding Source

Summary - Funding Sources by Department/Year

Department		\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total	
Grant Funds (Unsecured)		176,000	0	0	0	0	0	0	0	176,000	
Hotel/Motel-Lodging Funds		979,183	330,000	965,000	500,000	250,000	200,000	200,000	200,000	3,624,183	
Industrial Development Fund		490,137	0	60,000	0	0	0	0	0	550,137	
Land Sale (Swift & GWW)		0	111,205	0	0	0	0	0	0	111,205	
Library Bond Reserve Fund		0	0	450,000	0	0	0	0	0	450,000	
Library Const. Fund (Added Parking)		0	250,000	0	0	0	0	0	0	250,000	
Lodging Tax Grant (Secured)		771,775	0	0	0	0	0	0	0	771,775	
LTGO 98 Fund		0	550,000	0	0	0	0	0	0	550,000	
LTGO Bond Fund		250,000	0	0	0	0	0	0	0	250,000	
Parks Reserve Fund (Undesignated)		217,500	110,000	0	30,000	0	0	0	0	357,500	
Parks Reserve-Park District 1		0	220,000	180,000	30,000	380,000	0	0	0	810,000	
Parks Reserve-Park District 2		14,500	0	0	0	0	0	0	0	14,500	
Private Funding		50,000	0	0	0	0	0	0	0	50,000	
Public Safety Sales Tax		20,000	0	0	0	0	0	0	0	20,000	
REET-RE Excise Tax 1st 1/4%		920,374	380,000	20,000	370,000	670,000	0	0	0	2,360,374	
REET-RE Excise Tax 2nd 1/4%		0	250,000	70,000	330,000	0	0	0	0	650,000	
Right-of-Way Sale (Secured)		160,000	0	0	0	0	0	0	0	160,000	
Unfunded		0	0	0	300,000	250,000	390,000	0	600,000	1,540,000	
Utility Occ Tax Increase		0	1,334,651	0	0	0	0	0	0	1,334,651	
	Waterfront Total:	21,000,318	3,938,856	1,895,000	1,610,000	1,770,000	590,000	5,500,000	800,000	37,104,174	
	Report Total:	130,065,905	66,737,142	51,116,202	59,177,549	33,945,597	28,335,606	83,922,016	125,949,039	579,249,056	

2019 thru 2024

Summary Funding Source List by Year

Source	Project # \$ throug 2017	h B	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
2013 BFCOG STP Funding Dist	1,048	107	0	0	0	0	0	0	0	1,048,107
2017 BFCOG STP Funding Dist		0	789,449	0	0	0	0	0	0	789,449
Benton County Rural Cap Funds		0	500,000	300,000	0	0	0	0	0	800,000
Benton County Rural Dev Funds		0	0	0	0	0	0	1,200,000	0	1,200,000
Bond Proceeds	15,168	049	0	0	0	0	0	0	0	15,168,049
Bonds - Future Rate Issue		0	0	0	7,510,000	2,308,000	1,515,800	7,100,200	0	18,434,000
Bonds - Prior Issue	17,673	509	10,372,285	4,478,965	1,936,365	0	0	0	0	34,461,124
Business License Reserve Fund	205	184	107,410	25,000	75,000	75,000	25,000	25,000	25,000	562,594
Capital Lease/LT Debt Proceeds	632	836	0	0	730,000	0	0	745,000	0	2,107,836
CDBG Funds	560	840	242,580	282,360	65,000	65,000	65,000	65,000	65,000	1,410,780
City of Kennewick (RR Negotiation)	1,059	260	0	0	0	0	0	0	0	1,059,260
Developer Contribution (ROW)		0	136,000	0	0	0	0	0	0	136,000
Donations	238	580	1,000,000	0	0	0	0	0	0	1,238,580
Electric Fund	1,034	140	721,620	635,571	560,857	359,829	395,131	433,963	476,677	4,617,788
Equipment Maint Fund	101	530	56,732	288,635	279,301	257,412	258,283	259,197	260,157	1,761,247
Equipment Reserves	1,764	581	(241,940)	(366,316)	3,989,758	235,219	(483,533)	(1,884,068)	(1,425,376)	1,588,325
Facility Fees	1,335	000	2,225,000	925,000	1,485,000	1,450,000	1,200,000	1,300,000	2,947,000	12,867,000
Federal Appropriation (2013 Budget)	325	383	0	0	0	0	0	0	0	325,383
General Fund	8,698	306	3,678,724	3,049,990	2,917,434	2,568,273	2,616,021	2,666,158	2,718,801	28,913,707
General Fund - Facility Reserves	458	660	0	0	0	0	0	0	0	458,660
General Fund (in Lieu of PWTF Debt	257	892	0	0	0	0	0	0	0	257,892
Grant	480	000	0	0	0	0	0	0	0	480,000
Grant - (Unsecured)		0	0	50,895	0	0	0	0	0	50,895
Grant - BFCOG STP Funding		0	0	55,000	918,700	0	0	0	0	973,700
Grant - BFCOG TAP Fund Award		0	50,000	0	353,623	0	0	0	0	403,623
Grant - FEMA	106	241	1,887,060	0	0	0	0	0	0	1,993,301
Grant - RCO	451	076	1,500,000	150,000	0	170,000	0	0	0	2,271,076
Grant - STP Fund - COG (Unsecured)		0	0	0	1,366,930	0	0	0	0	1,366,930
Grant - Supplemental/Federal	503	000	0	0	0	0	0	0	0	503,000

2019 thru 2024

Summary Funding Source List by Year

Source		hrough 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Grant - TAP (UL) (Unsecured)		0	0	0	0	0	0	31,800	530,000	561,800
Grant - TIB		373,752	270,248	0	0	0	0	0	0	644,000
Grant - TIB (Unsecured)		747,890	3,737,512	4,144,335	583,599	0	417,890	4,113,080	0	13,744,306
Grant - WA State Dept of Ecology		758,485	540,614	749,057	0	0	0	0	0	2,048,156
Grant - Washington State		200,000	12,018,444	4,905,665	3,075,891	0	0	0	0	20,200,000
Grant - WSDOT		0	0	0	1,369,900	0	0	0	0	1,369,900
Grant - WSDOT Bike/Ped (Unsecured))	0	0	0	0	0	0	824,000	0	824,000
Grant - WSDOT HSIP (Unsecured)		0	0	98,300	664,600	0	0	0	0	762,900
Grant - WSDOT NHS (Unsecured)		0	40,000	3,033,600	0	0	0	0	0	3,073,600
Grant (YAF)		203,846	0	0	0	0	0	0	0	203,846
Grant Funds (Unsecured)		176,000	0	94,950	949,965	339,000	549,750	564,000	0	2,673,665
Healthcare Benefits Fund		158,053	36,804	41,757	28,885	0	0	0	0	265,499
Hotel/Motel-Lodging Funds		979,183	330,000	1,205,000	500,000	250,000	200,000	200,000	200,000	3,864,183
HSIP Funds (Secured)		32,436	0	0	0	0	0	0	0	32,436
Impact Fees		546,838	92,645	275,000	125,000	125,000	125,000	1,321,000	1,672,980	4,283,463
Industrial Development Fund		827,945	2,469,776	1,246,092	832,673	0	0	0	0	5,376,486
Interfund Loan & Gen Ob Bonds		1,653,756	6,795	0	0	0	0	0	0	1,660,551
Land Sale (Swift & GWW)		0	111,205	0	0	0	0	0	0	111,205
Library Bond Reserve Fund		0	0	450,000	0	0	0	0	0	450,000
Library Const. Fund (Added Parking)		0	250,000	0	0	0	0	0	0	250,000
Lodging Tax Grant (Secured)		771,775	0	0	0	0	0	0	0	771,775
LTGO 98 Fund		715,000	550,000	0	0	0	0	0	0	1,265,000
LTGO Bond Fund		250,000	0	0	0	0	0	0	0	250,000
Medical Services Fund		184,360	283,872	341,206	303,053	206,332	216,588	227,356	238,663	2,001,430
Park Partnership Program		5,000	0	0	0	0	0	0	0	5,000
Parks Reserve Fund		248,246	0	0	0	0	0	0	0	248,246
Parks Reserve Fund (Undesignated)		292,500	110,000	0	30,000	0	0	0	0	432,500
Parks Reserve-Park District 1		0	220,000	180,000	30,000	380,000	0	0	0	810,000
Parks Reserve-Park District 2		14,500	50,000	315,000	0	0	0	0	0	379,500

2019 thru 2024

Summary Funding Source List by Year

Source	Project # \$ thro	•	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Parks Reserve-Park District 3	1	96,000	0	0	300,000	0	0	0	0	496,000
Port of Kennewick		0	0	0	800,000	0	0	0	0	800,000
Private Funding		50,000	0	0	0	0	0	0	0	50,000
Private Partner		40,000	0	0	0	0	0	0	0	40,000
Public Safety Sales Tax	1	80,046	75,266	69,496	69,477	68,068	59,229	60,414	61,622	643,618
Public Works Admin & Eng		58,452	72,961	37,097	39,451	40,957	44,950	49,342	54,174	397,384
Public Works Trust Fund Loan	16,2	75,414	0	0	0	0	0	0	0	16,275,414
Rate Revenue	32,2	41,650	14,525,984	9,799,093	12,348,501	11,171,002	14,582,453	14,921,804	14,967,005	124,557,492
REET-RE Excise Tax 1st 1/4%	2,3	05,791	895,315	99,963	1,198,570	920,000	541,160	472,130	157,288	6,590,217
REET-RE Excise Tax 2nd 1/4%	3,7	62,935	1,590,000	1,037,387	651,815	360,000	669,000	1,293,900	310,000	9,675,037
Richland School District		0	50,000	0	0	0	0	0	0	50,000
Right-of-Way Sale (Secured)	1	60,000	0	0	0	0	0	0	0	160,000
Solid Waste Closure & Gen Ob Bonds	S	0	1,275,000	7,225,000	0	0	0	0	0	8,500,000
Solid Waste Fund	1	29,437	939,122	1,721,723	1,069,291	1,069,135	1,175,904	1,293,351	2,318,845	9,716,808
Solid Waste Fund (Rsv for closure)		0	0	225,000	3,555,000	0	0	0	0	3,780,000
Stormwater Fund	1	19,667	104,488	107,398	104,370	94,343	97,165	100,073	103,068	830,572
STP - Urban Grant	5	24,990	0	0	0	0	0	0	0	524,990
STP Fund (Secured-COG)	4	56,260	413,930	0	0	0	0	0	0	870,190
STP Fund (Unsecured-COG)		0	0	0	0	0	270,690	1,606,500	0	1,877,190
STP-UL Funds (Secured)		48,143	0	0	0	0	0	0	0	48,143
Street Fund		0	23,372	0	0	0	0	0	0	23,372
Street Fund - Fuel Tax	1,9	45,469	0	0	0	0	0	0	0	1,945,469
Street Fund - Utility Charges	2,6	87,270	0	0	0	0	0	0	0	2,687,270
Street Fund - Utility Occupation Tax	6,1	29,241	0	0	0	0	0	0	0	6,129,241
Streets Fund (GF)	7	36,679	173,405	187,325	191,528	190,725	200,178	210,103	220,524	2,110,467
Transportation Benefit District		0	556,843	414,772	420,219	425,652	431,070	436,471	796,852	3,481,879
Undesignated Park Reserve Fund		0	0	0	200,000	200,000	0	0	0	400,000
Unfunded		0	0	1,330,000	5,630,000	9,797,000	2,546,730	43,619,095	98,527,617	161,450,442
Utility Occ Tax Increase		0	1,334,651	0	0	0	0	0	0	1,334,651



Capital Improvement Plan

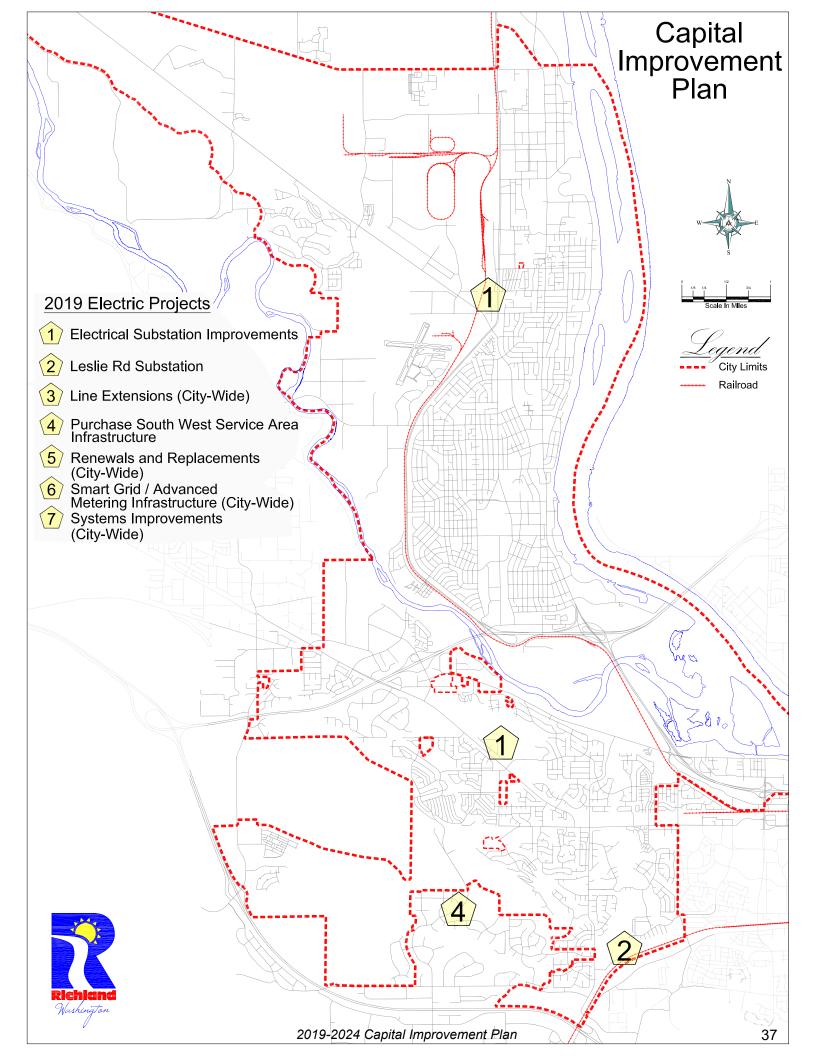
2019 thru 2024

Summary Funding Source List by Year

Source	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Wastewater Fund		348,341	246,783	302,436	333,268	307,747	323,094	339,207	356,127	2,557,003
Water Fund		408,381	317,187	354,450	334,525	261,903	293,053	327,940	367,015	2,664,454
WCIA Insurance Settlement Pmt		20,000	0	0	0	0	0	0	0	20,000
West Richland		0	0	0	0	250,000	0	0	0	250,000
WSDOT SR 240 Project Funds		0	0	1,250,000	1,250,000	0	0	0	0	2,500,000
	Report Total:	130,065,905	66,737,142	51,116,202	59,177,549	33,945,597	28,335,606	83,922,016	125,949,039	579,249,056



Electric





Capital Improvement Plan 2019 thru 2024

Electric Projects

Department	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Electric										
PROJECT COSTS										
Dallas Rd Area Improvements	ES130001	1,563,000	0	0	1,570,000	3,179,000	1,093,000	1,474,000	1,093,000	9,972,000
Electrical Substation Improvements	ES130007	3,298,000	424,000	816,000	424,000	3,221,000	3,181,000	654,000	2,774,000	14,792,000
Equipment Storage / Maintenance Repair Shop	ES130012	0	0	0	636,000	0	0	0	0	636,000
Hanford Substation	ES130002	0	0	0	0	0	0	4,300,000	4,300,000	8,600,000
Kingsgate Substation	ES130003	0	0	0	0	0	2,119,000	2,119,000	0	4,238,000
Leslie Rd Substation	ES130004	4,351,000	4,095,000	1,417,000	719,000	0	0	0	0	10,582,000
Line Extensions	ES130008	4,746,000	1,288,000	1,288,000	1,288,000	1,288,000	1,288,000	1,288,000	1,226,000	13,700,000
Purchase Southwest Service Area Infrastructure	ES130009	269,000	158,000	125,000	0	200,000	0	0	0	752,000
Renewal & Replacement	ES130010	2,538,000	3,923,000	2,925,000	2,928,001	2,263,002	3,966,003	2,989,004	2,973,005	24,505,015
Smart Grid - Advanced Metering Infrastructure	ES130005	564,000	3,031,000	3,581,000	3,771,000	0	0	0	0	10,947,000
Systems Improvements	ES130011	2,949,000	1,729,000	980,000	830,000	961,000	1,186,000	454,000	432,000	9,521,000
	Electric Total:	20,278,000	14,648,000	11,132,000	12,166,001	11,112,002	12,833,003	13,278,004	12,798,005	108,245,015
FUNDING SOURCES										
Bonds - Future Rate Issue		0	0	0	3,180,000	2,308,000	1,515,800	1,800,200	0	8,804,000
Bonds - Prior Issue		12,430,000	7,828,000	2,842,600	0	0	0	0	0	23,100,600
Facility Fees		1,000,000	500,000	500,000	500,000	600,000	600,000	700,000	700,000	5,100,000
Rate Revenue		6,848,000	6,320,000	7,789,400	8,486,001	8,204,002	10,717,203	10,777,804	12,098,005	71,240,415
	Electric Total:	20,278,000	14,648,000	11,132,000	12,166,001	11,112,002	12,833,003	13,278,004	12.798.005	108,245,015

	Dallas Rd Area Improvem	ents							
Type of Project Electric	Partnership Project? YES	Project # ES130001							
Core #	Strategic Leadership Plan Project? Yes								
PROJECT NAME: Dallas Rd Area	Improvements]							
PROJECT ADMINISTRATION: Energy S	Services]							
PROJECT LOCATION: Dallas Rd / I-18	82 (substation location)								
PROJECT TIMELINE: 2016 - 2024									
RESPONSE TO *GMA LEVEL OF SERVICE?	NO								
PROJECT DESCRIPTION									
PROJECT ADMINISTRATION: Energy S PROJECT LOCATION: Dallas Rd / I-18 PROJECT TIMELINE: 2016 - 2024 RESPONSE TO *GMA LEVEL OF SERVICE?	Improvements Services 82 (substation location) NO								

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. Partnership project with Benton PUD. WSDOT franchise agreement required to cross I-182 City has to secure right of way to site both the substation and the transmission lines. 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.

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.

1	1	Authorized	1	1	ı		ı	
Total Estimated Project Cost	Project Costs To- Date 12/31/17		2019	2020	2021	2022	2023	2024
3,391,000	-			1,140,000	2,126,000	-	125,000	-
5,244,000	1,444,000			250,000	550,000	1,000,000	1,000,000	1,000,000
393,000					156,000	20,000	120,000	20,000
						-		-
. ,				,	- ,		,	11,000
								62,000
\$ 9,972,000	\$ 1,563,000		\$ -	\$ 1,570,000	\$ 3,179,000	\$ 1,093,000	\$ 1,474,000	\$ 1,093,000
Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
5,996,000				942,000	1,907,400	874,400	1,179,200	1,093,000
1,563,000	1,563,000							
-								
				628,000	1,271,600			
513,400						218,600	294,800	
		_						
	\$ 1,563,000	\$ -	\$ -	\$ 1,570,000	\$ 3,179,000	\$ 1,093,000	\$ 1,474,000	\$ 1,093,000
Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
-								
-								
-								
-								
41 -			1	1	1	l .		1
	## Project Cost 3,391,000	Project Cost	Project Cost	Total Estimated Project Costs To Date 12/31/17 Remaining in 2018	Total Estimated Project Costs To Date 12/31/17 Remaining in 2019 2020	Total Estimated Project Costs To Date 12/31/17 Remaining in 2019 2020 2021	Total Estimated Project Costs To Date 12/31/17 Remaining in 2019 2020 2021 2022	Total Estimated Project Cost

			1 - 1							
Type of Project	Ele	ectrica	l Subs	statio	n Im	prove	ement	ts		
Electric	Partners	hip Project?	NO]					ect # 80007	
Core Focus Area 2		Strategic Le	eadership Plan	ı Project?	No					1
PROJECT NAME:	Electrical Substation Im	provements]			
PROJECT ADMINISTRATI	Energy Services	3								
PROJECT LOCATION:	Various locations - Eigh	nt City Substat	ions							
PROJECT TIMELINE:	Various]					•			
RESPONSE TO *GMA LEV	TEL OF SERVICE? NO]								
					CRIPTION					
	or improvement projects switchgear replacement									
			PROJ	ECT ASSU	MPTIONS	S				
Improvements or	provement projects wit the Renewals & Replac estation modifications. A	cements catego	ories of the C	CIP . These r	najor project	ts are funde	d primarily	from revenue	e bonding. A	pproval
				BENEFI						
system reliability	y to maintain reliable se r. These projects are eva y's customers. These pro	luated and pri	oritized base	ed on the ex onal efficien	treme conse	equences tha				
PROJECT	COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
MATERIAL EXPERT SERVICES LABOR EQUIPMENT		6,700,000 6,906,000 312,000 15,000	1,500,000 1,412,000 209,000 5,000	400,000	650,000 50,000 70,000	400,000	1,550,000 1,460,000 10,000	1,500,000 1,484,000 11,000	600,000 11,000	1,500,000 1,100,000 11,000
OVERHEAD ENGINEERING	TOTAL	147,000 712,000 \$ 14,792,000	111,000 61,000 \$ 3,298,000	24,000 \$ 424,000	46,000 \$ 816,000	24,000 \$ 424,000	18,000 183,000 \$ 3,221,000	6,000 180,000 \$ 3,181,000	6,000 37,000 \$ 654,000	6,000 157,000 \$ 2,774,000
RECOMMENDE	D FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Remaining in	2019	2020	2021	2022	2023	2024
ELECTRIC RATE RE REVENUE BOND ISS REVENUE BOND ISS REVENUE BOND ISS REVENUE BOND ISS FACILITY FEES	SUE (2015) SUE (2018) SUE (2020)	9,162,800 3,722,000 326,400 813,800 767,000	3,298,000	424,000	489,600 326,400	254,400 169,600	2,576,800 644,200	2,544,800 636,200	523,200 130,800	2,774,000
	TOTAL	\$ 14,792,000	\$ 3,298,000	\$ 424,000	\$ 816,000	\$ 424,000	\$ 3,221,000	\$ 3,181,000	\$ 654,000	\$ 2,774,000
	MAINTENANCE COSTS MPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024

FOR FINANCE STAFF USE ONLY ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE DESCRIPTION CAPITAL ITEM 2019 CODING 816,000 401-XXX-XXXX-XXXXXXXXXX TOTAL 816,000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

- \$

- \$

TOTAL

ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS

Equipment Storage / Maintenance Repair Sho	p
Type of Project	
Electric Partnership Project? NO Project ES130	
Core Focus Area 2 Strategic Leadership Plan Project? No	
PROJECT NAME: Equipment Storage / Maintenance Repair Shop	
PROJECT ADMINISTRATION: Energy Services	
PROJECT LOCATION: City Shops	
PROJECT TIMELINE: 2020	
RESPONSE TO *GMA LEVEL OF SERVICE? NO	
PROJECT DESCRIPTION	

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

PROJECT ASSUMPTIONS

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

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
MATERIAL EXPERT SERVICES	100,000 500,000				100,000 500,000				
LABOR	300,000				300,000				
EQUIPMENT	-								
OVERHEAD ENGINEERING	36,000				36,000				
TOTAL	\$ 636,000	\$ -	\$ -	\$ -	\$ 636,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC RATE REVENUE REVENUE BOND ISSUE (2015) REVENUE BOND ISSUE (2018)	381,600 -				381,600				
REVENUE BOND ISSUE (2020) REVENUE BOND ISSUE (2022) FACILITY FEES	254,400 - -				254,400				
TOTAL	\$ 636,000	\$ -	\$ -	\$ -	\$ 636,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
ALL NEW 0&M COSTS COVERED THROUGH RATE ANALYSIS	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

	Hanford Substation	
Type of Project Electric	Partnership Project? NO	Project # ES130002
Core Focus Area	Strategic Leadership Plan Project? Yes	
PROJECT NAME:	Hanford Substation	
PROJECT ADMINISTRA	Energy Services	
PROJECT LOCATION:	Cypress and Stevens Drive Intersection	
PROJECT TIMELINE:	2023-2024	
RESPONSE TO *GMA LE	VEL OF SERVICE? NO	
	PROJECT DESCRIPTION	
Plan design an	d construct a naw electrical system substation / transmission lines and connect to the	o electric exetern arid enerated by

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 will result in adjacent properties to be available and attractive for major industrial growth. Developer facility fees may pay a portion of the new substation costs based on load causation principles. Some project components may be pre-purchased or secured prior to 2023 depending on materials market availability. No cost escalation factors have been applied to 2023 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 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
MATERIAL	600,000							300,000	300,000
EXPERT SERVICES	6,000,000							3,000,000	3,000,000
LABOR	200,000							100,000	100,000
EQUIPMENT	1,600,000							800,000	800,000
OVERHEAD ENGINEERING	200.000							100.000	100,000
TOTAL	\$ 8,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,300,000	\$ 4,300,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC RATE REVENUE	7,740,000							3,440,000	4,300,000
REVENUE BOND ISSUE (2015)	-								ı
REVENUE BOND ISSUE (2018)	-								ı
REVENUE BOND ISSUE (2020)	-								1
REVENUE BOND ISSUE (2022)	860,000							860,000	ı
FACILITY FEES TOTAL	\$ 8,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,300,000	¢ 4300.000
TOTAL	, , ,	Ф -	ъ -	ф -	Φ -	Ф -	Ъ -	\$ 4,300,000	\$ 4,300,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
RETAIL RATES PAY O&M COSTS (UNIT	-								
COSTS CURRENTLY BEING ANALYZED)	-								ı
	-								
	-								i
TOTAL	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
IOIAL	- Ψ	-	-	φ -	φ -	φ -	φ -	φ -	φ -

Kingsgate Substation											
ype of Project Rectric Partnership Project? NO Project # ES130003											
Core Focus Area 2 Strategic Leadership Plan Project? Yes											
ROJECT NAME: Kingsgate Substation											
ROJECT ADMINISTRATION: Energy Services											
PROJECT LOCATION: Intersection of Future Lowe Rd and Battelle Blvd											
ROJECT TIMELINE: 2022 - 2023											
ESPONSE 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 to be constructed and commissioned by the end of 2023.

PROJECT ASSUMPTIONS

City has to secure right of way to site the substation, the new transmission power line, and connect to the existing BPA transmission lines. DOE land transfer progress will continue resulting in adjacent properties to be available and attractive for major industrial growth. Developer facility fees may pay a portion of new substation costs based on load causation principles. Some project components may be pre-purchased or secured prior to 2022 depending on materials market availability and opportunities for right-of-way purchases that come available. No cost escalation factors have been applied to 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 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
MATERIAL SYSTEM OF STATE OF ST	2,200,000						1,100,000	1,100,000	
EXPERT SERVICES LABOR	1,700,000 50,000						850,000 25,000	850,000 25,000	
EQUIPMENT	20,000						10.000	10,000	
OVERHEAD	28,000						14,000	14,000	
ENGINEERING	240,000						120,000	120,000	
TOTAL	\$ 4,238,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,119,000	\$ 2,119,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC RATE REVENUE REVENUE BOND ISSUE (2015) REVENUE BOND ISSUE (2018) REVENUE BOND ISSUE (2020) REVENUE BOND ISSUE (2022) FACILITY FEES	3,390,400 - - - - 847,600						1,695,200 423,800	1,695,200 423,800	
TOTAL	\$ 4,238,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,119,000	\$ 2,119,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

		Leslie Rd St	ıbsta	tion			
Type of Project Electric	Partners	hip Project? YES				Project # ES130004	_
Core Focus Area		Strategic Leadership Plan Project?	Yes		'		_
PROJECT NAME:	Leslie Rd Substation						
PROJECT ADMINISTRA	TION: Energy Services	5					
PROJECT LOCATION:	Northwest corner of Le	slie & Rachel Roads intersection					
PROJECT TIMELINE: RESPONSE TO *GMA LE	2015 - 2020 EVEL OF SERVICE? NO]					
		PROJECT DESC	RIPTION				
Plan, design, an	d construct a new electri	cal system substation and connect into	the electric	al system gr	id operated	by Bonneville Power A	dministration

(BPA). Additionally, plan, design and construct primary underground distribution feeders from new substation to the City's new and existing

electrical system.

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

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
MATERIAL	3,200,000	1,710,000	735,000	525,000	230,000				
EXPERT SERVICES	5,105,000	2,175,000	2,380,000	355,000	195,000				
LABOR	723,000	223,000	255,000	135,000	110,000				
EQUIPMENT	160,000	10,000	90,000	60,000	-				
OVERHEAD	923,000	116,000	403,000	261,000	143,000				
ENGINEERING	471,000	117,000	232,000	81,000	41,000				
TOTAL	\$ 10,582,000	\$ 4,351,000	\$ 4,095,000	\$ 1,417,000	\$ 719,000	\$ -	\$ -	\$ -	\$
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC RATE REVENUE	1,281,600	Ì		850,200	431,400			Ì	
REVENUE BOND ISSUE (2015)	5,158,000	4,051,000	1,107,000						
REVENUE BOND ISSUE (2018) REVENUE BOND ISSUE (2020) REVENUE BOND ISSUE (2022) FACILITY FEES	3,854,800 287,600 -	300,000	2,988,000	566,800	287,600				
TOTAL	\$ 10,582,000	\$ 4,351,000	\$ 4,095,000	\$ 1,417,000	\$ 719,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
RETAIL RATES PAY 0&M COSTS (UNIT COSTS CURRENTLY BEING ANALYZED)	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$

FOR FINANCE STAFF USE ONLY ALL 2019	L 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE					
DESCRIPTION	2019	CODING				
CAPITAL ITEM	1,417,000	401-XXX-XXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXX				
TOTAL	\$ 1,417,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE				

			•					
Line Extensions								
Type of Project								
Électric	Partnersh	ip Project? NO		Project #				
				ES130008				
Core Focus Area		Strategic Leadership Plan Project?	No					
	J							
PROJECT NAME:	Line Extensions							
PROJECT ADMINISTRA	TION: Energy Services							
PROJECT LOCATION:	Various locations within	the electric utility service area						
PROJECT LOCATION:		· · · · · · · · · · · · · · · · · · ·						
PROJECT TIMELINE:	Annual Ongoing							
RESPONSE TO *GMA LE	VEL OF SERVICE? NO							
	PROJECT DESCRIPTION							
Capital improvement projects primarily for the purpose of extending electric utility infrastructure to new electric load.								

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 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
MATERIAL	6,092,000	2,592,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
EXPERT SERVICES	17,000	17,000		-	-	-	-	-	-
LABOR	3,190,000	1,090,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
EQUIPMENT	537,000	82,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000
OVERHEAD	3,159,000	799,000	346,000	346,000	346,000	346,000	346,000	346,000	284,000
ENGINEERING	705,000	166,000	77,000	77,000	77,000	77,000	77,000	77,000	77,000
TOTAL	\$ 13,700,000	\$ 4,746,000	\$ 1,288,000 Authorized	\$ 1,288,000	\$ 1,288,000	\$ 1,288,000	\$ 1,288,000	\$ 1,288,000	\$ 1,226,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/16	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC RATE REVENUE	8,600,000	3,746,000	788,000	788,000	788,000	688,000	688,000	588,000	526,000
FACILITY FEES	5,100,000	1,000,000	500,000	500,000	500,000	600,000	600,000	700,000	700,000
TOTAL	\$ 13,700,000	\$ 4,746,000	\$ 1,288,000	\$ 1,288,000	\$ 1,288,000	\$ 1,288,000	\$ 1,288,000	\$ 1,288,000	\$ 1,226,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 20	2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE					
DESCRIPTION	2019	CODING				
CAPITAL ITEM	1,288,000	401-XXX-XXXX-XXXXXXXXXX				
TOTAL	\$ 1,288,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE				

	Purchase	Soutl	nwest	Serv	ice A	rea I	nfrast	ructu	re	
Type of Project Electric	Partners	ship Project?	NO]					ect # 30009	
Core Focus Area		Strategic Le	eadership Plan	ı Project?	No			ESI	30009	
PROJECT NAME:	Purchase Southwest Se	rvice Area Inf	rastructure		1		1			
PROJECT ADMINISTRAT	Energy Service	S.]			
PROJECT ADMINISTRAT	West of Leslie Rd near									
PROJECT TIMELINE:	Various						J			
RESPONSE TO *GMA LE	VEL OF SERVICE?									
			PROJ	ECT DESC	CRIPTION					
	al Service Area Agreemed properties in this sou				-		- **	,		0.5
			PROJI	ECT ASSU	MPTIONS	3				
	the City agree on price transfer customers fron		ure. New loa	nd would be	added to C	ity View su				
				BENEFI	TS					
	h this purchase will imp								J	
PROJECT	COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
MATERIAL EXPERT SERVICES LABOR EQUIPMENT OVERHEAD ENGINEERING	TOTAL	686,000 30,000 - 17,000 19,000 \$ 752,000	236,000 15,000 - 8,000 10,000 \$ 269,000	125,000 15,000 - 9,000 9,000 \$ 158,000	125,000 \$ 125,000	\$ -	200,000	\$ -	\$	- \$ -
RECOMMEND	ED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC RATE RI REVENUE BOND IS REVENUE BOND IS REVENUE BOND IS REVENUE BOND IS FACILITY FEES	SUE (2015) SUE (2018) SUE (2020)	427,000 125,000 200,000	269,000	158,000	125,000		200,000			
	TOTAL	\$ 752,000 Total Estimated	\$ 269,000	\$ 158,000	\$ 125,000	\$ -	\$ 200,000	\$ -	\$ -	- \$ -
	MAINTENANCE COSTS IMPACTS)	Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
ALL NEW O&M COS THROUGH RATE		- - - -								
	TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	- \$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PRO	DJECTS MUST HAV	IUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE					
DESCRIPTION	2019	CODING					
CAPITAL ITEM	125,000	401-XXX-XXXX-XXXXXXXXXXXX					
TOTAL	\$ 125,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE					
TOTAL	\$ 125,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE					

Renewal & Replacement								
Type of Project Electric	Partners	nip Project? NO			Project #			
Core Focus Area		Strategic Leadership Plan Project?	No		25150010			
PROJECT NAME:	Renewal & Replacemer	t						
PROJECT ADMINISTRAT	Energy Services							
PROJECT LOCATION:	Various locations within	n the electric utility service area						
PROJECT TIMELINE: RESPONSE TO *GMA LE	Annual Investments VEL OF SERVICE? NO							
PROJECT DESCRIPTION								
	- /	l maintenance and equipment replace	ment that ex	xtend the life of exist	ing electric utility infrastructur	e. Some of		
these represent i	nvestment upgrades tha	t are performed annually.						

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

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
MATERIAL	8,152,500	796,000	1,372,000	995,500	945,000	810,000	1,325,000	915,000	994,000
EXPERT SERVICES	5,974,000	1,061,000	1,243,000	575,000	775,000	260,000	740,000	660,000	660,000
LABOR	4,898,500	291,000	343,000	675,500	629,000	642,000	892,000	717,000	709,000
EQUIPMENT	430,000	26,000	105,000	41,000	32,000	29,000	89,000	54,000	54,000
OVERHEAD	4,006,000	337,000	794,000	479,000	401,000	405,000	707,000	485,000	398,000
ENGINEERING	1,044,015	27,000	66,000	159,000	146,001	117,002	213,003	158,004	158,005
TOTAL	\$ 24,505,015	\$ 2,538,000	\$ 3,923,000	\$ 2,925,000	\$ 2,928,001	\$ 2,263,002	\$ 3,966,003	\$ 2,989,004	\$ 2,973,005
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC RATE REVENUE REVENUE BOND ISSUE (2015) REVENUE BOND ISSUE (2018) REVENUE BOND ISSUE (2020) REVENUE BOND ISSUE (2022) FACILITY FEES	24,505,015 - - - - - -	2,538,000	3,923,000	2,925,000	2,928,001	2,263,002	3,966,003	2,989,004	2,973,005
TOTAL	\$ 24,505,015	\$ 2,538,000	\$ 3,923,000	\$ 2,925,000	\$ 2,928,001	\$ 2,263,002	\$ 3,966,003	\$ 2,989,004	\$ 2,973,005
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
ALL NEW O&M COSTS COVERED THROUGH RATE ANALYSIS	- - - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY	ALL 2019 PROJE	PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE				
DESCRIPTION		2019	CODING			
CAPITAL ITEM		2,925,000	401-XXX-XXXXX-XXXXXXXXXXX			
TOTAL	\$	2,925,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE			

Smart	Grid - A	dvand	ced N	/leteri	ing Ir	nfrast	ructu	re		
Type of Project		NO		10001	8		Pro	ject #	 【	
Core Focus Area	Strategic Le	adership Plan	Project?	Yes			ES1	30005		
PROJECT NAME: Smart Grid - Adv	ROJECT NAME: Smart Grid - Advanced Metering Infrastructure									
ROJECT NAME: STATE THE THE THE THE THE THE THE THE THE T										
Various locations within the electric utility service area										
PROJECT TIMELINE: 2016 - 2020										
RESPONSE TO *GMA LEVEL OF SERVICE?	NO									
C1-1 1-1-11-1 1111				CRIPTION				1	4 - d	
-	Complete a detailed design and implement an electrical utility smart grid program to cost-effectively improve utility operations and provide the utility customers with options to control their power consumption and usage patterns.									
		PROJI	ECT ASSU	MPTIONS	5					
infrastructure is increasing, utility	Fechnology 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. BENEFITS									
Trending represented by the proje	ct assumptions noted	d above will			ites to electr	ic utility cus	stomers. Sma	art grid imple	ementation	
can be approached in a manner to efficiencies (reduced operations ar coordinating with utility customer customers reduce their power bills	nd maintenance costs s (interface at custor). The City v	vill be mand	dated due to	I-937 to ach	ieve conser	vation targe	ts or pay fine	s. Through	
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024	
MATERIAL EXPERT SERVICES LABOR EQUIPMENT OVERHEAD ENCINEERING	5,500,000 4,562,000 451,000 10,000 258,000 166,000	512,000 1,000 51,000	1,500,000 1,250,000 150,000 5,000 86,000 40,000	1,700,000 1,600,000 150,000 5,000 86,000 40,000	2,300,000 1,200,000 150,000 - 86,000 35,000					
ENGINEERING TOTAL	\$ 10,947,000			\$ 3,581,000		\$ -	\$ -	\$ -	\$ -	
RECOMMENDED FUNDING SOURCE	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in	2019	2020	2021	2022	2023	2024	
ELECTRIC RATE REVENUE REVENUE BOND ISSUE (2015) REVENUE BOND ISSUE (2018) REVENUE BOND ISSUE (2020) REVENUE BOND ISSUE (2022) FACILITY FEES	6,584,200 1,422,000 1,432,400 1,508,400	564,000	2018 1,609,000 1,422,000	2,148,600 1,432,400	2,262,600 1,508,400					
TOTAL OPERATING & MAINTENANCE COS	\$ 10,947,000 Total Estimated	\$ 564,000	\$ 3,031,000	\$ 3,581,000	\$ 3,771,000	\$ -	\$ -	\$ -	\$ -	
(IMPACTS) ASSOCIATED O&M COSTS WILL REDUC BY UNKNOWN AMOUNT (PART OF FEASIBILITY STUDY)	Maint. Costs			2019	2020	2021	2022	2023	2024	
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
FOR FINANCE STAFF USE ONLY ALL:	2019 PROJECTS MUST HAV	/F CODING AND	IDENTIFIED AS	CAPITAI /MAIN	TENANCE					

System Improvements								
Type of Project Electric	Partnership Project? NO	Project # ES130011						
Core Focus Area 2	Strategic Leadership Plan Project? No							
PROJECT NAME: System Impr	ROJECT NAME: System Improvements							
PROJECT ADMINISTRATION: Energ	gy Services							
PROJECT LOCATION: Various locat	tions within the electric utility service area							
PROJECT TIMELINE: Annual Inves	stments							
RESPONSE TO *GMA LEVEL OF SERVICE?	NO							
PROJECT DESCRIPTION								
Capital improvements to the e	lectric utility infrastructure that are essential to communi	ty growth, regulatory compliance, and system reliability. These						

represent new improvements, some of which are required on an annual basis.

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 can be funded 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

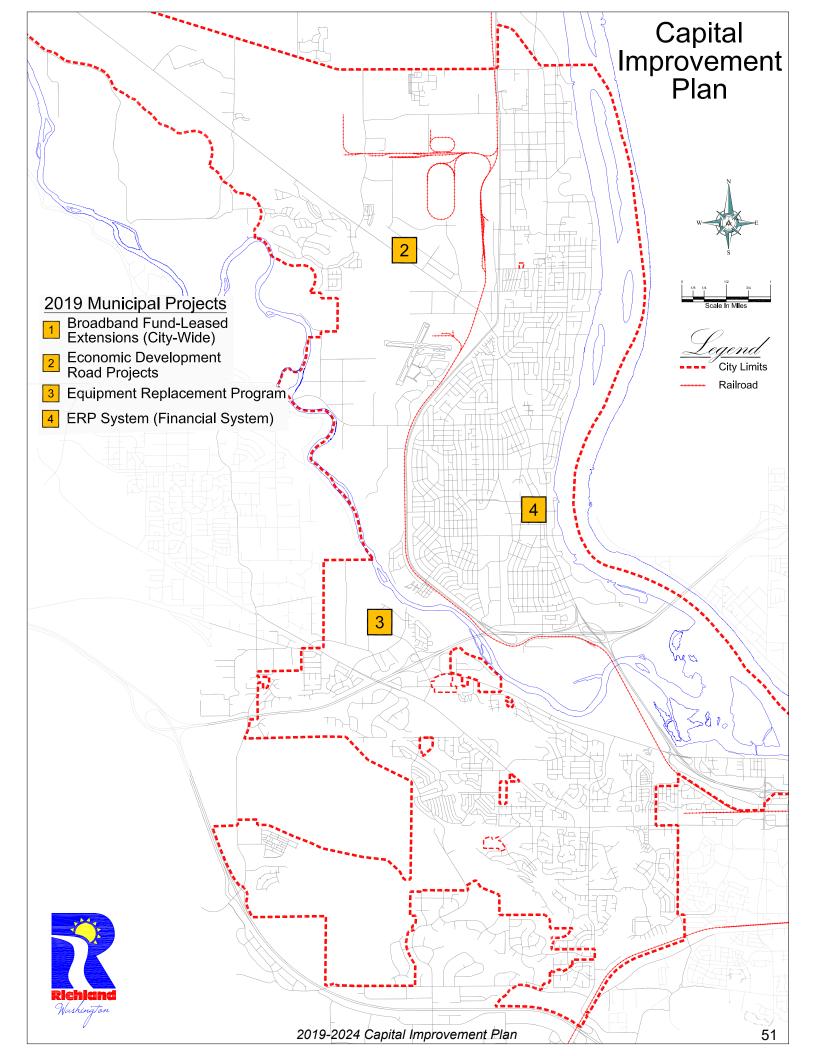
Projects necessary to maintain reliable service related to new electrical load, meet regulatory requirements, and maintain / enhance existing levels of electrical system reliability. These projects also result in operational efficiencies and flexibility.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
MATERIAL	3,736,000	1,343,000	692,000	353,000	299,000	330,000	373,000	173,000	173,000
EXPERT SERVICES	778,000	343,000	335,000	070 000	405.000	100,000	000 000	00 000	00.000
LABOR	1,925,000	588,000	137,000	279,000	195,000	198,000	332,000	98,000	98,000
EQUIPMENT	516,000	70,000	94,000	50,000	74,000	51,000	95,000	41,000	41,000
OVERHEAD	2,178,000	528,000	434,000	243,000	215,000	228,000	319,000	116,000	95,000
ENGINEERING TOTAL	388,000 \$ 9.521.000	77,000 \$ 2,949,000	37,000 \$ 1,729,000	\$ 980,000	47,000 \$ 830.000	\$ 961,000	67,000 \$ 1.186.000	26,000 \$ 454,000	25,000 \$ 432,000
TOTAL	\$ 9,521,000	\$ 2,949,000	Authorized	\$ 960,000	\$ 630,000	\$ 901,000	\$ 1,100,000	\$ 454,000	\$ 432,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC RATE REVENUE	3,598,800			588,000	498,000	768,800	948,800	363,200	432,000
REVENUE BOND ISSUE (2015)	4,613,000	2,949,000	1,664,000						
REVENUE BOND ISSUE (2018)	457,000		65,000	392,000					
REVENUE BOND ISSUE (2020)	524,200				332,000	192,200			
REVENUE BOND ISSUE (2022)	328,000						237,200	90,800	
FACILITY FEES	- 0.504.000	A 0.040.000	£ 4 700 000	# 000 000	* 000 000	A 004 000	. 4.400.000	AF4.000	400.000
TOTAL	\$ 9,521,000	\$ 2,949,000	\$ 1,729,000	\$ 980,000	\$ 830,000	\$ 961,000	\$ 1,186,000	\$ 454,000	\$ 432,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
ALL NEW O&M COSTS COVERED	-								
THROUGH RATE ANALYSIS	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE						
DESCRIPTION	2019		CODING			
CAPITAL ITEM		980,000	401-XXX-XXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXX			
TOTAL	\$	980,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE			



Municipal





Capital Improvement Plan 2019 thru 2024

Municipal Projects

Department	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Municipal										
PROJECT COSTS										
Access Control & Security Camera System Replacement	MN170005	0	550,000	0	0	0	0	0	0	550,000
Animal Control Shelter	MN130001	1,500,000	0	0	0	0	0	0	0	1,500,000
Broadband Fund-Leased Fiber Extensions	MN160001	200,000	100,000	200,000	0	0	0	0	0	500,000
Economic Development Road Projects	MN170004	0	1,625,000	1,175,000	825,000	0	0	0	0	3,625,000
Equipment Replacement Program	MN140016	4,160,252	2,431,409	3,372,709	8,021,453	3,781,081	3,327,201	2,959,174	3,881,435	31,934,714
ERP System (Financial System)	MN140018	2,676,000	1,348,763	1,530,289	1,058,556	0	0	0	0	6,613,608
Fire Station - Northeast	MN170003	0	0	0	0	5,390,000	0	0	0	5,390,000
Fire Station - Northwest Area	MN130009	0	0	0	0	0	0	5,390,000	0	5,390,000
Fire Station - Southeast Area & Land Acquisition	MN170001	0	500,000	0	0	0	0	5,010,000	0	5,510,000
Fire Station 73 Replacement - Public Safety Facility	MN130005	0	0	0	4,000,000	0	0	0	0	4,000,000
Fire Station Badger Mountain South - Public Safety Facility	MN130007	0	0	0	0	0	0	0	0	0
	Municipal Total:	8,536,252	6,555,172	6,277,998	13,905,009	9,171,081	3,327,201	13,359,174	3,881,435	65,013,322
FUNDING SOURCES										
Capital Lease/LT Debt Proceeds		632,836	0	0	730,000	0	0	745,000	0	2,107,836
Electric Fund		901,430	715,100	628,756	554,042	353,014	388,316	427,148	469,862	4,437,668
Equipment Maint Fund		94,609	55,643	48,635	39,301	17,412	18,283	19,197	20,157	313,237
Equipment Reserves		1,764,581	(241,940)	(366,316)	3,989,758	235,219	(483,533)	(1,884,068)	(1,425,376)	1,588,325
Facility Fees		100,000	50,000	100,000	0	0	0	0	0	250,000
General Fund		3,374,261	1,546,700	1,436,690	1,304,134	954,973	1,002,721	1,052,858	1,105,501	11,777,838
Healthcare Benefits Fund		158,053	36,804	41,757	28,885	0	0	0	0	265,499
Industrial Development Fund		17,808	1,634,776	1,186,092	832,673	0	0	0	0	3,671,349
Medical Services Fund		182,660	282,710	339,991	301,838	205,117	215,373	226,141	237,448	1,991,278
Public Safety Sales Tax		69,046	55,266	59,496	59,477	58,068	59,229	60,414	61,622	482,618
Public Works Admin & Eng		55,689	71,979	36,070	38,424	39,930	43,923	48,315	53,147	387,477
Rate Revenue		100,000	50,000	100,000	0	0	0	0	0	250,000
REET-RE Excise Tax 1st 1/4%		0	500,000	0	0	0	0	0	0	500,000
Solid Waste Fund		118,905	937,744	1,720,283	1,067,851	1,067,695	1,174,464	1,291,911	2,317,405	9,696,258
Stormwater Fund		112,287	104,249	107,148	104,120	94,093	96,915	99,823	102,818	821,453
Street Fund		0		0	0	0	0	0	0	23,372
Streets Fund (GF)		191,417		185,653	189,856	189,053	198,506	208,431	218,852	1,553,573
Unfunded		0		0	4,000,000	5,390,000	0	10,400,000	0	19,790,000
Wastewater Fund		309,988	245,997	301,614	332,446	306,925	322,272	338,385	355,305	2,512,932
Water Fund		352,682		352,129	332,204	259,582	290,732	325,619	364,694	2,592,609
	Municipal Total:	8.536.252	•	6,277,998	13.905.009	9,171,081	3,327,201	13.359.174	3,881,435	65.013.322

Acce	ess Contro	n1 & Se	ocuri!	tv Ca	mera	Syst	em F	Renla	ceme	nt
Type of Project Municipal			NO	ly Ca	IIICIG	. Oyst		Proj	ect #	
Core Focus Area		Strategic Lea	adership Pla	n Project?	YES			MINI	.70005	
PROJECT NAME:	Access Control & Sec	curity Camera S	System Rep	lacement]			
PROJECT ADMINISTRAT	TON: Parks & Pub	lic Facilities]			
PROJECT LOCATION:	City Facilities									
PROJECT TIMELINE:	2018						-			
RESPONSE TO *GMA LEV	VEL OF SERVICE?	<u> </u>								
The Citeda as is 1	ouildings operate on a	· (ti 1 1 t		ECT DESC				t Tl	Citala ala at	
	systems. The "Swift C a good opportunity to g of 2019.									
			PROJE	CT ASSU	MPTION	S				
	a security managemer s other buildings. Ver			vare license	agreement			rtecimolog	y will be us	eu to
Modern access co	ontrol and security ca	meras are nece		BENEFI' ure the City		and assets				
PROJECT	COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Budget Remaining in	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION M CONSTRUCTION 10% CONTINGENC' OTHER ENG. SERV	Υ	500,000 50,000		500,000 50,000						
	TOTAL	\$ 550,000	i i	\$ 550,000 Authorized	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDE	D FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Budget Remaining in	2019	2020	2021	2022	2023	2024
GENERAL FUND STREETS FUND ELECTRIC FUND WATER FUND WASTEWATER FUN SOLID WASTE FUN STORMWATER FUN MEDICAL SERVICE EQUIPMENT MAINT PUBLIC WORKS AD	D ND S FUND ENANCE FUND	251,743 23,372 152,844 41,078 7,250 11,697 1,873 9,214 11,656 39,273 \$ 550,000		2018 251,743 23,372 152,844 41,078 7,250 11,697 1,873 9,214 11,656 39,273 \$ 550,000	\$ -	-	\$ -	\$ -	\$ -	\$ -
OPERATING & I	MAINTENANCE COSTS MPACTS)	Total Estimated Project Operating & Maint. Costs	\$ -	φ 550,000	2019	2020	2021	2022	2023	2024

TOTAL

\$

Animal Control Shelter											
Type of Project Municipal		VEC		Desired #							
Municipai	Partne	rship Project? YES		Project # MN130001							
Core Focus Area		Strategic Leadership Plan Project?	Yes								
PROJECT NAME:	Animal Control Shelte	er									
PROJECT ADMINISTRAT	City Administ	ration									
PROJECT LOCATION:	Pasco										
PROJECT TIMELINE:	01/2016 - 12/2019]									
RESPONSE TO *GMA LEV	VEL OF SERVICE?										
		PROJECT DESCR	IPTION								

The Tri-Cities Animal Control Authority (Kennewick/Richland/Pasco) was established in 1998 and provides animal control services for the three member agencies. The existing animal control facilities are located in Pasco and were built in 1950 and 1975. The facilities are owned by Pasco and the three cities participate in the maintenance of the building. In 2009, a study revealed that the facility was in poor condition and potentially too small to meet the projected demand for service. In 2015, the cities hired a consultant to facilitate selection of a replacement facility, develop a scope of services including operating and funding alternatives. The facility was further examined in a feasibility study in 2017 based on the results of the 2015 study.

PROJECT ASSUMPTIONS

Pasco will contribute a 5 acre site. Construction is estimated at \$4M plus land costs, shared equally among the cities. The 2017 feasibility study will provide guidance on the anticipated 2018 capital project. Richland's contribution to the facility is expected to be up to \$1,500,000 total, including all feasibility, land, architectural and design soft costs and hard construction costs.

BENEFITS

Animal control is a base level of service expectation for Richland residents. A replacement animal control facility will meet the expected demand for service for the next 20 years and the facility will be designed to be easily expanded to meet future demand. The current cost sharing method (non-capital) will be modified to more closely align with usage resulting in cost savings to the City of Richland. Historically Richland has fewer calls for service and animal intakes than the other two cities.

cans for service and armital intakes than	the other two	erties.							
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY	300,000 1,100,000 -	300,000 1,100,000							
OTHER ENG. SERVICES	100,000	100,000							
TOTAL	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
GENERAL FUND	1,500,000	1,500,000							
	-								
	_								
	_								
TOTAL	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
	-								
TOTAL	-					•		Φ.	
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Broadband Fund - Leased Fiber Extensions												
Type of Project Municipal			NO]				Pro	oject #			
Core Focus Area		Strategic Le	eadership Plar	ı Project?	Yes			MIN	160001			
PROJECT NAME:	Broadband Fund - Leas	ed Fiber Exte	nsions			1						
PROJECT ADMINISTRA	TION: City Administra	ation										
PROJECT LOCATION:	Citywide											
	Ongoing VEL OF SERVICE? NO						_					
RESPONSE TO *GMA LE	VELOF SERVICE: 110] 	PR∩I	ECT DESC	RIPTION	 J						
The City anticip	ates several new fiber op	otic connection	ns that will co	ontinue thro	ough 2019.							
			PROJ	ECT ASSU	JMPTION	S						
These connection	ns are initiated by intere	sted lessees.										
				BENEF	ITS							
Access to fiber o	ptic infrastructure enco	irages busine	sses to site or	expand op	erations in t	he City of	Richland					
PROJECT	COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17		2019	2020	2021	2022	2023	2024		
FIBER OPTIC EXTE	NSIONS	500,000	200,000	2018 100,000	200,000							
	TOTAL	\$ 500,000	\$ 200,000	\$ 100,000	\$ 200,000	\$	- \$ -	\$ -	- \$	- \$ -		
RECOMMEND	ED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024		
RATE REVENUE FACILITY FEES		250,000 250,000 -	100,000 100,000	50,000 50,000	100,000 100,000							
	TOTAL	\$ 500,000	\$ 200,000	\$ 100,000	\$ 200,000	\$	- \$ -	\$ -	- \$	- \$ -		
	MAINTENANCE COSTS IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024		
		-										
	TOTAL	\$ -	-	-	\$ -	\$	- \$ -	\$ -	- \$	- \$ -		
FOR FINANCE STAF	FF USE ONLY ALL 2019 PR	OJECTS MUST HA		DENTIFIED AS	S CAPITAL/MAII	NTENANCE						
DESCRIPTION FIBER SRVC EDU & MED	FACILITY	2019 200,000	CODING 408-460-0006-5389	020-6421								

200,000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

TOTAL

Economic Development Road Projects										
Type of Project	NO.									
Municipal Partn	ership Project? NO			Project # MN170004						
Core Focus Area	Strategic Leadership Plan Project?	No	·	1111110001						
PROJECT NAME: Economic Developm	ent Road Projects									
PROJECT ADMINISTRATION: Community a	and Development Services									
PROJECT LOCATION: Horn Rapids Triangle	е									
PROJECT TIMELINE: 2018-2020			<u> </u>							
RESPONSE TO *GMA LEVEL OF SERVICE?										
	PROJECT DESC	RIPTION								
The City's Industrial Development fur	nd was established in order to encour	age economic	development partic	ularly the development of s	cience					

The City's Industrial Development fund was established in order to encourage economic development, particularly the development of science, technology and manufacturing jobs. Currently the City has undeveloped land within the Horn Rapids Triangle Area that could generate new business and new jobs. By constructing the roads and infrastructure necessary to develop this property, it allows new businesses to expand. The land sales can then be used to develop additional City land. The first three projects will be a 2,000 ft. extension of Henderson Loop west of Logston, a 1,300 ft. extension of Battelle Blvd west of Kingsgate, and a 800 ft. extension of Clubhouse Lane east of Kingsgate. The fourth project will extend Henderson Loop West from the end of the first phase to Robertson Drive. An additional project would involve the design of 1st Street west of Kinggate for approximately 1,000 ft.

PROJECT ASSUMPTIONS

The economic development office already has offers on land to purchase as soon as the roads are completed. Total budget for all four projects is \$4M. We currently have land purchases totaling over \$800,000. These projects will open up land with the potential of approximately \$6.5M in land sales. Henderson Loop west (phase I) = \$900,000, Henderson Loop West (Phase II) = \$2,000,000, Battelle Blvd = \$600,000, Clubhouse Lane \$500,000.

BENEFITS

Develop City property that is currently undeveloped, creating jobs and property taxes to further benefit the City.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	250,000		150,000	100,000					
CONSTRUCTION MANAGEMENT	150,000		50,000	50,000	50,000				
CONSTRUCTION	2,900,000		1,400,000	1,000,000	500,000				
10% CONTINGENCY	250,000				250,000				
OTHER ENG. SERVICES	75,000		25,000	25,000	25,000				
]								
TOTAL	\$ 3,625,000	\$ -	\$1,625,000	\$1,175,000	\$ 825,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
INDUSTRIAL DEVELOPMENT FUND	3,625,000		1,625,000	1,175,000	825,000				
	- - -				,				
TOTAL	\$ 3,625,000	\$ -	\$1,625,000	\$1,175,000	\$ 825,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
ΤΟΤΔΙ	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 I	PROJECTS MUST H	HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION	2019	CODING
BATTELLE BLVD	1,175,000	PENDING
HENDERSON LP WEST		
CLUBHOUSE LANE		
TOTAL	\$ 1,175,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

Г		1 D	1		D				
Type of Project	quipn	ient K	epiac	ceme	nt Pro	gram			
3.6	hip Project?	NO						ject # 40016	
Core Focus Area 1	Strategic L	eadership Plat	ı Project?	No					
PROJECT NAME: Equipment Replacemen	nt Program								
PROJECT ADMINISTRATION: Administrative	Services								
PROJECT LOCATION: City Sites									
PROJECT TIMELINE: 2019 - 2024									
RESPONSE TO *GMA LEVEL OF SERVICE?]								
The city-wide equipment replacement pr	rogram is rovi		JECT DESC			Voor 2018 h	as hoon rossi	awad and	
recommendations for replacements have	_	•		еріасетет	Task Team.	16a1 2010 11a	is been levi	ewed and	
		PROJ	ECT ASSU	MPTION	S				
			DEVICE	TEC					
			BENEFI	115					
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC FUND WATER FUND	4,406,541 1,314,665	448,129	148,119 63,953	242,537 123,000	1,539,728 494,369	387,079 273,104	194,522 200,248	216,350 68,385	1,230,077 91,606
WASTEWATER FUND	2,523,562	540,466	69,922	260,000	873,510	520,207	198,106	40,067	21,284
SOLID WASTE FUND STORMWATER FUND	8,818,364 959,738	1,119,100	819,751 -	1,405,393	1,876,886 262,606	684,755 247,172	1,353,364	335,325 449,960	1,223,790
AMBULANCE FUND PW ADMIN & ENGINEERING	1,484,935 423,177	259,935	295,000 46,859	40,000	300,000 80,000	- 114,594	310,000 70,204	-	320,000 71,520
GENERAL FUND	9,874,427	1,727,091	643,673	922,798	2,134,827	951,957	1,000,757	1,624,018	869,306
STREETS FUND (GF) EQUIPMENT MAINTENANCE FUND	1,479,850 225,685	65,531	244,632 99,500	378,981	228,337 126,185	452,300	-	110,069	_
CRIMINAL JUSTICE FUND	423,770	-		-	105,005	149,913	-	115,000	53,852
TOTAL	\$ 31,934,714	\$ 4,160,252	\$ 2,431,409 Authorized	\$ 3,372,709	\$ 8,021,453	\$ 3,781,081	\$ 3,327,201	\$ 2,959,174	\$ 3,881,435
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
ELECTRIC FUND CONTRIBUTIONS	2,773,735	257,500	265,225	291,748	320,922	353,014	388,316	427,148	469,862 364,604
WATER FUND CONTRIBUTIONS WASTEWATER FUND CONTRIBUTIONS	1,946,853 2,202,737	121,600 156,340	145,920 187,608	206,937 243,592	231,769 292,310	259,582 306,925	290,732 322,272	325,619 338,385	364,694 355,305
SOLID WASTE FUND CONTRIBUTIONS	9,204,021		802,175	1,579,739	970,632	1,067,695	1,174,464	1,291,911	2,317,405
STORMWATER FUND CONTRIBUTIONS AMBULANCE FUND CONTRIBUTIONS	743,400 1,534,538	83,600 131,250	86,108 137,813	88,691 186,047	91,352 195,349	94,093 205,117	96,915 215,373	99,823 226,141	102,818 237,448
PW ADMIN & ENG CONTRIBUTIONS	295,640	11,025	30,000	33,000	36,300	39,930	43,923	48,315	53,147
GENERAL FUND CONTRIBUTIONS	7,468,338	784,470	792,128	866,188	909,499	954,973	1,002,721	1,052,858	1,105,501
CAPITAL LEASE/LT DEBT PROCEEDS STREETS FUND CONTRIBUTIONS	2,107,836 1,477,405	632,836 151,725	159,311	171,477	730,000 180,050	189,053	198,506	745,000 208,431	218,852
EQUIPMENT MAINTENANCE FUND CONTRIB	136,791	14,325	15,041	15,793	16,583	17,412	18,283	19,197	20,157
PUBLIC SAFETY SALES TAX CONTRIB EQUIPMENT RESERVES	455,095 1,588,325	51,000 1,764,581	52,020 (241,940)	55,813 (366,316)	56,929 3,989,758	58,068 235,219	59,229 (483,533)	60,414 (1,884,068)	61,622 (1,425,376)
TOTAL	\$ 31,934,714	\$ 4,160,252	\$ 2,431,409	\$ 3,372,709			\$ 3,327,201		
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
				1	1 *	Ψ -	- Ψ		Ψ -
FOR FINANCE STAFF USE ONLY ALL 2019 PR DESCRIPTION	ROJECTS MUST HA 2019	VE CODING AND	DIDENTIFIED AS	CAPITAL/MAIN	IIENANCE				
EQUIPMENT REPLACEMENT - VEHICLES >\$5,000 EQUIPMENT REPLACEMENT - LEASE PRINCIPAL EQUIPMENT REPLACEMENT - LEASE INTEREST EQUIPMENT REPLACEMENT - INTERFUND PRINCIPAL	3,107,543 225,362 39,804	503-215-0006-5944 503-215-0007-5911 503-215-0008-5921 503-215-0007-5811	80-7501 80-8201						
EQUIPMENT REPLACEMENT - INTERFUND INTEREST TOTAL	\$ 3,372,709	503-215-0008-5811 TOTAL MUST EQU		TS FOR 2019 ABO	/E				

ERP System (Financial System)										
Type of Project Municipal Partnership Project? NO				Project # IN140018						
Core Focus Area Strategic Leaders	hip Plan Project?	No		,						
PROJECT NAME: ERP System (Financial Software replacement	nt)									
PROJECT ADMINISTRATION: City Administration										
PROJECT LOCATION: City Sites										
PROJECT TIMELINE: 2016-2020										
RESPONSE TO *GMA LEVEL OF SERVICE?										
	PROIECT DESCRIP	TION								

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

PROJECT ASSUMPTIONS

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

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
HARDWARE	612,904	417,904		195,000					
SOFTWARE LICENSING	1,755,953	920,000	214,950	313,466	307,537				
SOFTWARE PROFESSIONAL SERVICES	1,395,631	415,600	378,288	291,168	310,575				
SOFTWARE TRAVEL	432,960	117,000	183,000	105,300	27,660				
PROJECT MANAGEMENT (PM) PROF SRV	883,900	380,000	244,000	173,425	86,475				
PM TRAVEL	123,500	80,000	16,500	18,000	9,000				
LABOR AUGMENTATION	1,153,760	245,496	257,025	378,930	272,309				
CONTINGENCY	255,000	100,000	55,000	55,000	45,000				
TOTAL	\$ 6,613,608	\$ 2,676,000	\$ 1,348,763	\$ 1,530,289	\$ 1,058,556	\$ -	\$ -	\$ -	\$ -
	Total Estimated		Authorized Budget	2010					
RECOMMENDED FUNDING SOURCES	Project Revenues	To-Date 12/31/17	Remaining in 2018	2019	2020	2021	2022	2023	2024
GENERAL FUND	2,508,930	1,040,964	502,829	570,502	394,635				
STREETS FUNDS	36,476	-	12,494	14,176	9,806				
INDUSTRIAL DEVELOPMENT FUND	28,541	-	9,776	11,092	7,673				
CRIMINAL JUSTICE SALES TAX FUND	9,477	-	3,246	3,683	2,548				
ELECTRIC FUND	1,768,971	901,812	297,031	337,008	233,120				
WATER FUND	716,124	342,528	127,969	145,192	100,435				
WASTEWATER FUND	379,433	230,136	51,139	58,022	40,136				
SOLID WASTE FUND	428,535	66,900	123,872	140,544	97,219				
STORMWATER FUND	95,661	48,168	16,268	18,457	12,768				
MEDICAL SERVICES FUND	441,608	45,492	135,683	153,944	106,489				
EQUIPMENT MAINTENANCE FUND	84,506	-	28,946	32,842	22,718				
PUBLIC WORKS ADMIN & ENG FUND	7,900	-	2,706	3,070	2,124				
HEALTHCARE BENEFITS FUND	107,446	-	36,804	41,757	28,885	•	•	•	•
TOTAL	\$ 6,613,608	\$ 2,676,000	\$ 1,348,763	\$ 1,530,289	\$ 1,058,556	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS	Total Estimated Project Operating &								
(IMPACTS)	Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
	-								
	-								
TOTAL	- \$	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PI	ROJECTS MUST H	IAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION	2019	CODING
SALARIES & BENEFITS	295,384	001-213-0011-518890-1103 - 2112
SOFTWARE LICENSING	313,466	001-213-0013-518890-3583
OTHER PROFESSIONAL SERVICES	173,425	001-213-0014-518890-4107
CONTRACT LABOR	83,546	001-213-0014-518890-4116
EXPERT SERVICES	346,168	001-213-0014-518890-4117
TRAVEL EXPENSES	123,300	001-213-0014-518890-4301
DP EQUIPMENT	195,000	001-213-0016-518890-6480
TOTAL	\$ 1,530,289	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

	Fire Station - Northeast										
Type of Project Municipal	Partnership Project? NO	Project # MN170003									
Core Focus Area	Strategic Leadership Plan Project? Yes										
PROJECT NAME:	Fire Station - Northeast										
PROJECT ADMINISTRA	ATION: Fire Services										
PROJECT LOCATION:	Battelle Blvd at Port of Benton Blvd										
PROJECT TIMELINE:	2021 -2022										
RESPONSE TO *GMA L	EVEL OF SERVICE? NO										
	PROIECT DESCRIPTION										

Design and construct a new Northeast Richland Fire and Emergency Services facility located near George Washington Way and Battelle Blvd. This will add a new response facility designed to house up to four (4) personnel and incorporate three (3) apparatus bays. Facility will provide initial emergency medical and fire response capability in the north-central and northeast areas of the city, including the southern half of the land transfer area. This project supports the City's Comprehensive Plan-CFPS Goal 1 and Capital Facility element section 5 policy 3.

PROJECT ASSUMPTIONS

The land for this project is owned by the city. The station construction project will utilize a design-build approach and will be a smaller scale than the previous station builds. In addition to the construction cost this project will require the purchase of an equipped fire engine at \$700K and an equipped ambulance at \$390K plus incremental increase in O&M for vehicles and facilities. Staffing for the station will include 12 personnel for full operational response capability. Project costs will need to be refined closer to construction as this station configuration will be smaller than previous builds.

BENEFITS

This station 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. This station, along with the relocation of station 73 positions the community in North Richland for better response reliability, and provides for response coverage that will be lost with the movement of Hanford fire station 93. This facility deployment is in alignment with the City's Comprehensive Plan, and response times consistent with the city's standards of cover.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN & ENGINEERING SERVICES CONSTRUCTION	800,000 3,500,000					800,000 3,500,000			
FIRE ENGINE & MED UNIT	1,090,000					1,090,000			
	-								
	-								
TOTAL	\$ 5,390,000	\$ -	\$ -	\$ -	\$ -	\$ 5,390,000	\$ -	\$ -	\$ -
1500	Total Estimated	Project	Authorized Budget	+	Ť	+ 2,230,000	<u> </u>	Ť	+
RECOMMENDED FUNDING SOURCES	Project Revenues	Revenue To- Date 12/31/17	Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	5,390,000					5,390,000			
	-								
	-								
	-								
TOTAL	\$ 5,390,000	\$ -	\$ -	\$ -	\$ -	\$ 5,390,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS	Total Estimated Project Operating &			2040	2020	2024	2022	2022	2024
(IMPACTS)	Maint. Costs			2019	2020	2021	2022	2023	2024
STAFFING	7,115,825					1,016,000	1,983,000	2,033,000	2,083,825
DEBT SERVICE FACILITIES	1,050,000						350,000 16,000	350,000 16,000	350,000 16,000
ONE-TIME I.T. EQUIPMENT	48,000 16,000						16,000	16,000	16,000
MAINTENANCE & OPERATIONS	272,250						90,000	90,000	92,250
TOTAL	\$ 8,502,075	-	-	\$ -	\$ -	\$ 1,016,000	\$2,455,000	\$ 2,489,000	\$ 2,542,075

]	Fire Station - No	rthwest A	Area	
Type of Project Municipal	Partne	rship Project? YES		Project # MN130009	
Core Focus Area 2		Strategic Leadership Plan Project?	Yes		
PROJECT NAME:	Fire Station - Northwe	est Area			
PROJECT ADMINISTRAT					
PROJECT LOCATION:	Near Highway 240 an	d the Northwest entrance to Horn Ra	apids Community		
PROJECT TIMELINE:	2023-2024				
RESPONSE TO *GMA LEV	VEL OF SERVICE? NO				
		PROIECT DESC	RIPTION		

Design and construct a new Northwest Richland Fire and Emergency Services facility located near Highway 240 and the Northwest entrance of the Horn Rapids Development. This will add a new response facility designed to house up to four (4) personnel and incorporate three (3) apparatus bays. Facility will provide initial emergency medical and fire response capability in the North and Northwest areas of the city. This project supports the City's Comprehensive Plan -CFPS Goal 1 and Capital Facility element section 5 policy 1.

PROJECT ASSUMPTIONS

The building site will be City-owned land. Construction and other project expenses will be identified at the time the Council determines the project should proceed. The project will utilize design-build process. In addition to the construction cost this project will require the purchase of an equipped fire engine at \$700 K, an equipped ambulance at \$390K and an incremental increase in O&M for vehicles and facilities. Staffing for the station will include 12 personnel for full operational response capabilities.

BENEFITS

Improves response times to homes and businesses in the northwest area of the City that are outside the current standards of cover for EMS and Fire/Rescue services, and adds to the depth of response capability overall in the City, including secondary coverage to the northeast, north central and SR240 bypass/ Van Giesen corridor. This station, in conjunction with the relocation of station 73 positions the community in North Richland for better response reliability. This facility deployment is in alignment with the City's Comprehensive Plan, and response times consistent with the city's standards of cover.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN & ENGINEERING SERVICES CONSTRUCTION FIRE ENGINE & MED UNIT	800,000 3,500,000 1,090,000 - -							800,000 3,500,000 1,090,000	
TOTAL	\$ 5,390,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,390,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	5,390,000 - - - - -							5,390,000	
TOTAL	\$ 5,390,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,390,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs	i.		2019	2020	2021	2022	2023	2024
STAFFING DEBT SERVICE FACILITIES ONE-TIME I.T. EQUIPMENT MAINTENANCE & OPERATIONS TOTAL	3,099,816 274,912 16,000 16,000 90,424 \$ 3,497,152		_	\$ -	\$ -	\$ -	\$ -	1,016,500	2,083,316 274,912 16,000 16,000 90,424 \$ 2,480,652
IUIAL	■ J.497.15Z	-	-	I JO -	I D -		I D -	UUC.01U.1 & 1	ີ ⊅ ∠.4o∪.ຕວ.

Fire Station - Southeast Area & Land Acquisition										
Type of Project Municipal Partnership Project? NO	Project # MN170001									
Core Focus Area 2 Strategic Leadership Plan	Project? No									
PROJECT NAME: Fire Station - Southeast Area & Land Acquisition										
PROJECT ADMINISTRATION: Fire Services										
PROJECT LOCATION: Area of Reata Road and Leslie Road										
PROJECT TIMELINE: 2018 and 2023										
RESPONSE TO *GMA LEVEL OF SERVICE? NO										
PROJEC	CT DESCRIPTION									

Acquire land for the future design and construction of a new Southeast Fire Station. This will add designated land for a new response station facility, providing emergency medical and fire response capability in the Southeast area of the city.

PROJECT ASSUMPTIONS

This project will require the purchase of an equipped engine at \$620K, an equipped brush truck at \$250K and an equipped ambulance at \$390K plus incremental increase in O & M for vehicles and facilities. Staffing for the station may add up to 12 staff for full response operational capabilites. 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. Land for this project is not allocated, and will need to be identified and purchased. Project construction timing will be dependent upon Council's prioritizaion of this project.

BENEFITS

Based on growth in the area and the current standards of cover for EMS and Fire Services, this area is identified in Richland's Fire Station Deployment Plan as the ideal location for a future southeast station. Acquiring land for this station ensures that the project can proceed at the appropriate time, based on overall city needs.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
LAND ACQUISITION DESIGN & ENGINEERING SERVICES CONSTRUCTION FIRE ENGINE, BRUSH & AMBULANCE	500,000 800,000 3,000,000 1,210,000		500,000					800,000 3,000,000 1,210,000	
TOTAL	\$ 5,510,000	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 5,010,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
RE EXCISE TAX 1ST 1/4% UNFUNDED	500,000 5,010,000 - - -		500,000					5,010,000	
TOTAL	\$ 5,510,000	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 5,010,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
STAFFING DEBT SERVICE FACILITIES ONE-TIME I.T. EQUIPMENT MAINTENANCE & OPERATIONS TOTAL	2,083,316 274,912 16,000 16,000 90,424 \$ 2,480,652	_		\$ -	\$ -	\$ -	\$ -	2,083,316 274,912 16,000 16,000 90,424 \$ 2,480,652	\$ -

Fire Station	n 73 Replacement - Publi	ic Safety Facility									
Type of Project Municipal Partn	nership Project? YES	Project # MN130005									
Core Focus Area	Strategic Leadership Plan Project? Yes	WIVI30003									
PROJECT NAME: Fire Station 73 Replace	cement - Public Safety Facility										
PROJECT ADMINISTRATION: Fire Services											
PROJECT LOCATION: Jadwin Ave near the	corner with Stevens Drive										
PROJECT TIMELINE: 2020 RESPONSE TO *GMA LEVEL OF SERVICE? NO											
	PROJECT DESCRIPTION										

Construction of a Richland public safety facility to replace Fire Station 73 with a building near the corner of Stevens Drive and Jadwin Ave. This facility will be designed to house up to 6 Fire/EMS personnel (2 crews), incorporate 4 apparatus bays, and provide office space and response parking for police officers. This public safety facility will provide initial response to the citizens of North and Central Richland.

PROJECT ASSUMPTIONS

Because this is a station replacement project, no additional staffing or apparatus will be required for this project. The building site will be Cityowned land, near the corner of Stevens Drive and Jadwin Ave. Funding for construction and other project expenses will be identified by city leadership at the time the Council determines the project should proceed. The station construction project will utilize the same design-build approach and similar layout to that utilized in the construction of station 74 in Southwest Richland in 2015. This project assumes additional cost associated with secure parking due to its location and open access by way of major transportation arterials.

BENEFITS

This facility construction project replaces an existing fire station located at 1900 Jadwin. The current station is 60 years old and was identified in earlier comprehensive plans to be replaced in 2004. Staff has been able to extend the original life cycle an additional 15 years as of 2019, but the station is now past its reasonable service life. The new station will be constructed at a location that provides greater geographic emergency response coverage due the ability to take advantage of existing transportation corridors, and places the station in an optimal deployment system distribution.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN & ENGINEERING SERVICES CONSTRUCTION	800,000 3,200,000 - - -				800,000 3,200,000				
TOTAL	\$ 4,000,000	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	4,000,000 - - -				4,000,000				
TOTAL	\$ 4,000,000	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	- - - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Fire Station Badger Mountain South - Public Safety Facility Type of Project Municipal Partnership Project? Core Focus Area Strategic Leadership Plan Project? Yes Fire Station Badger Mountain South - Public Safety Facility PROIECT NAME: PROIECT ADMINISTRATION: Fire Services City-owned land adjacent to the master-planned park PROJECT LOCATION: 2025-2026 PROIECT TIMELINE: NO RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION

Design and construct a new Southwest Public Safety facility located in the Badger Mountain South community. This will add a new response facility designed to house up to six (6) personnel (two crews), incorporate four (4) apparatus bays and provide office space and response parking for police officers. This public safety facility will provide initial emergency medical, law enforcement and fire response capability to the citizens of Southwest Richland in the Badger South Development as well as the Dallas Rd and I-82 corridors. This project supports the City's Comprehensive Plan -CFPS Goal 1 and Capital Facility element section 5 policy 1.

PROJECT ASSUMPTIONS

The building site will be City-owned land. Construction and other project expenses will be identified by city leadership at the time the Council determines the project should proceed. The station construction project will utilize design-build process. In addition to the construction cost this project will require the purchase of an equipped fire engine at \$700 K (2018), an equipped ambulance at \$390K (2018) and an equipped Type 5 wildland engine at \$300K (2018) plus incremental increase in O&M for vehicles and facilities. Staffing for the station will include 12 personnel for full operational response capabilities.

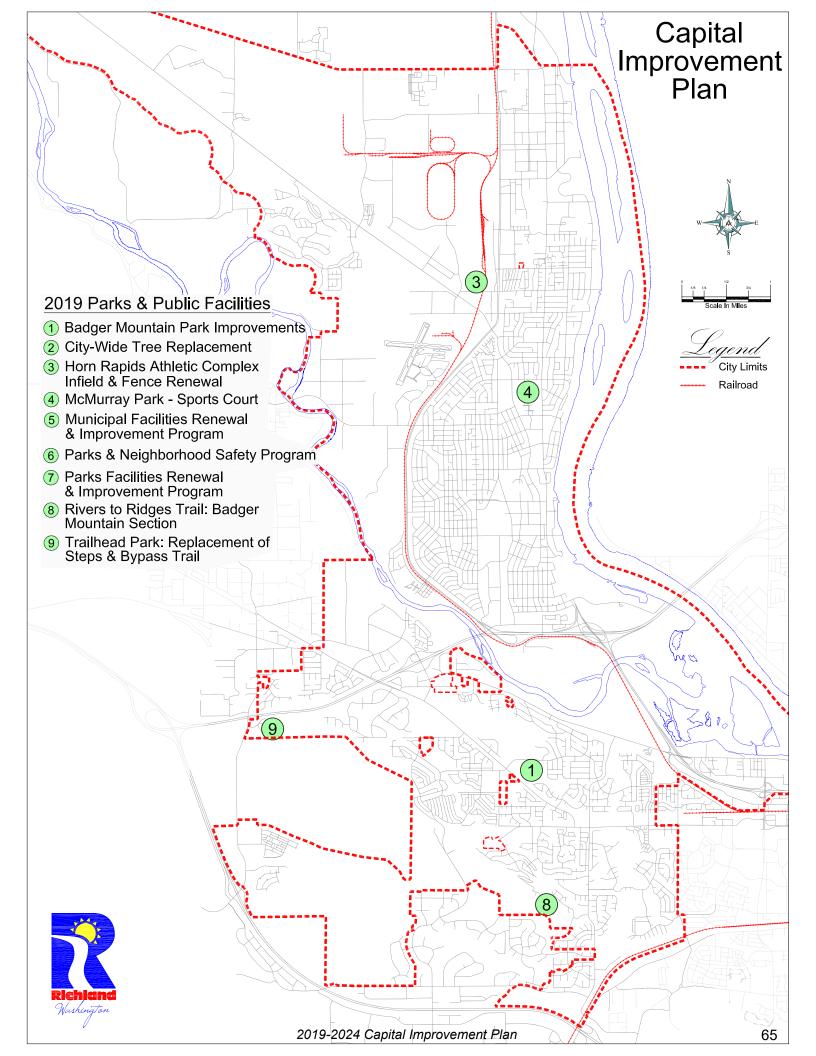
BENEFITS

Improves response times to homes and businesses in this area of the City that are outside the current standards of cover for EMS, Fire/Rescue services and law enforcement and adds to the depth of response capability overall in the City. This station, along with auto aid from Benton County Fire Protection Districts #1 and #4 positions the community in South Richland for better EMS, law enforcement and fire response reliability. The Southwest facility deployment is in alignment with the City's Comprehensive Plan, and response times consistent with the city's standards of cover.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	Begin 2025
DESIGN & ENGINEERING SERVICES CONSTRUCTION	800,000 4,200,000								800,000 4,200,000
FIRE ENGINE & MED UNIT	1,365,000								1,365,000
	-								
TOTAL	\$ 6,365,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,365,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	Begin 2025
UNFUNDED	6,365,000								6,365,000
	-								
TOTAL	\$ 6,365,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,365,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	Begin 2025
STAFFING DEBT SERVICE	1,067,699								1,067,699
FACILITIES	-								
ONE-TIME I.T. EQUIPMENT MAINTENANCE & OPERATIONS	-								
TOTAL	\$ 1,067,699	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,067,699



Parks & Public Facilities





Capital Improvement Plan 2019 thru 2024

Parks Projects

Department	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Parks										
PROJECT COSTS										
Badger Mountain Park Improvements	PR130001	808,502	0	290,000	250,000	0	0	0	0	1,348,502
By-Pass Shelterbelt Irrigation Renewal	PR160001	456,458	0	0	250,000	250,000	250,000	250,000	0	1,456,458
City-Wide Tree Replacement	PR130016	100,000	20,000	20,000	20,000	20,000	20,000	20,000	0	220,000
Horn Rapids Athletic Complex Infield & Fence Renewal	PR160003	50,000	30,000	50,000	30,000	30,000	30,000	0	0	220,000
McMurray Park - Sports Court	PR180001	0	0	75,000	0	0	0	0	0	75,000
Municipal Facilities Renewal & Improvement Program	PR140020	1,930,499	287,000	538,862	538,862	538,862	538,862	538,862	538,862	5,450,671
Parks & Neighborhood Safety Program	PR160005	91,000	20,000	10,000	10,000	10,000	0	0	0	141,000
Parks Facilities Renewal & Improvement Program	PR140021	442,000	378,000	400,000	400,000	400,000	400,000	400,000	400,000	3,220,000
Rivers to Ridges Trail: Badger Mountain Section	PR170004	0	2,500,000	225,000	0	0	0	0	0	2,725,000
Trailhead Park: Replacement of Steps & Bypass Trail	PR170001	5,000	50,000	40,000	0	0	0	0	0	95,000
West Village Park at Badger Mountain South	PR130005	0	0	0	500,000	1,500,000	0	0	0	2,000,000
	Parks Total:	3,883,459	3,285,000	1,648,862	1,998,862	2,748,862	1,238,862	1,208,862	938,862	16,951,631
FUNDING SOURCES										
CDBG Funds		0	0	75,000	0	0	0	0	0	75,000
Donations		78,580	1,000,000	0	0	0	0	0	0	1,078,580
Electric Fund		132,710	6,520	6,815	6,815	6,815	6,815	6,815	6,815	180,120
Equipment Maint Fund		6,921	1,089	240,000	240,000	240,000	240,000	240,000	240,000	1,448,010
General Fund		1,887,637	649,024	683,300	683,300	683,300	683,300	683,300	683,300	6,636,461
Grant - RCO		215,676	1,500,000	0	0	0	0	0	0	1,715,676
Hotel/Motel-Lodging Funds		0	0	240,000	0	0	0	0	0	240,000
Medical Services Fund		1,700	1,162	1,215	1,215	1,215	1,215	1,215	1,215	10,152
Park Partnership Program		5,000	0	0	0	0	0	0	0	5,000
Parks Reserve Fund		248,246	0	0	0	0	0	0	0	248,246
Parks Reserve Fund (Undesignated)		75,000	0	0	0	0	0	0	0	75,000
Parks Reserve-Park District 2		0	50,000	315,000	0	0	0	0	0	365,000
Parks Reserve-Park District 3		196,000		0	300,000	0	0	0	0	496,000
Public Safety Sales Tax		91,000	20,000	10,000	10,000	10,000	0	0	0	141,000
Public Works Admin & Eng		2,763	982	1,027	1,027	1,027	1,027	1,027	1,027	9,907
REET-RE Excise Tax 1st 1/4%		742,000		0	550,000	250,000	250,000	250,000	0	2,042,000
REET-RE Excise Tax 2nd 1/4%		60,000		70,000	0	50,000	50,000	20,000	0	300,000
Solid Waste Fund		10,532		1,440	1,440	1,440	1,440	1,440	1,440	20,550
Stormwater Fund		7,380		250	250	250	250	250	250	9,119
Streets Fund (GF)		8,262		1,672	1,672	1,672	1,672	1,672	1,672	19,894
Undesignated Park Reserve Fund		0	0	0	200,000	200,000	0	0	0	400,000
Unfunded		0	0	0	0	1,300,000	0	0	0	1,300,000
Wastewater Fund		38,353		822	822	822	822	822	822	44,071
Water Fund		55,699		2,321	2,321	2,321	2,321	2,321	2,321	71,845
WCIA Insurance Settlement Pmt		20,000		0	0	0	0	0	0	20,000
	Parks Total:	3,883,459		1,648,862	1,998,862	2,748,862	1,238,862	1,208,862	938,862	16,951,631

Ba	dger Mountain Park	Improvements
Type of Project	Partnership Project? YES	Project # PRI30001
Core Focus Area 5	Strategic Leadership Plan Project? Ye	
PROJECT NAME: Badger Mountain	Park Improvements	
PROJECT ADMINISTRATION: Parks & P	ublic Facilities	
PROJECT LOCATION: Badger Mountain	Park, south Richland	
PROJECT TIMELINE: 2017 - 2020		
RESPONSE TO *GMA LEVEL OF SERVICE?	YES	
	PROJECT DESCRIPT	
		nities including a lighted, multipurpose football/lacrosse field, fields centrally located on the Keene Road corridor. 2017-
		king lot lighting on the first half of the existing, rural-standard
		, and improve landscaping in the Keene Road parking lot; g lot adjacent to Englewood Drive. The gravel parking lot
		would better meet the community's expectation for the facility

Authorization of Hotel/Motel Lodging Funds.

and enhance tourism opportunities in the area.

BENEFITS

Badger Mountain Community Park serves youth athletics, aquatics and dog user groups.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	-								
CONSTRUCTION MANAGEMENT	-								
CONSTRUCTION	1,278,502	808,502		250,000	220,000				
10% CONTINGENCY	70,000			40,000	30,000				
OTHER ENG. SERVICES	-								
EQUIPMENT	-								_
TOTAL	\$ 1,348,502	\$ 808,502	\$ - Authorized	\$ 290,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
PARK RESERVE FUND	248,246	248,246							
PARK RESERVE - DISTRICT 2	50,000	-		50,000					
RCO GRANT	215,676	215,676							
PARK RESERVE - DISTRICT 3	196,000	196,000							
DONATIONS	78,580	78,580							
RE EXCISE TAX 1ST 1/4%	320,000	70,000			250,000				
HOTEL/MOTEL LODGING FUNDS	240,000			240,000					_
TOTAL	\$ 1,348,502	\$ 808,502	\$ -	\$ 290,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	4,500				500	1,000	1,000	1,000	1,000
	-								
	-								
TOTAL	\$ 4,500	-	-	\$ -	\$ 500	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000

FOR FINANCE STAFF USE ONLY	ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE					
DESCRIPTION	2019	CODING				
CAPITAL ITEM	290,000	380-337-0066-596794-6403				
TOTAL	\$ 290,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE				

Revised date: 7/24/18

Bv-Pa	iss She	elterb	elt Ir	rigati	on R	enew	al		
Type of Project				0					
D 1 D 1 .	ership Project?	NO]				Proj	ect #	
Core Focus Area	Strategic Lea	adership Pla	ın Project?	Yes			PRI	60001	
PROJECT NAME: By-Pass Shelterbelt Ir	rigation Renew	al]			
Project administration: Parks & Publ	ic Facilities]			
PROJECT LOCATION: By-pass Shelterbelt, T	hayer to Van G	Giesen							
PROJECT TIMELINE: 2020 - 2023						1			
RESPONSE TO *GMA LEVEL OF SERVICE? NC									
		PROJEC	CT DESCR	APTION					
The City's irrigation system serving the project would provide a new well water pressurized underground irrigation sys Thayer to Duportail; 2022 - install new i	source for the tem with a new	By-Pass Sh well water	elterbelt irri r source. <u>20</u>	gation syste <u>20</u> - develop	m and conv well water	ert the oper source; <u>202</u>	n ditch irri 2 <u>1</u> - install	gation sys new irriga	tem to a
		PROJEC	CT ASSUM	IPTIONS					
Converting from flood irrigation technoquality of shelterbelt trees and landscap				o u pressuri					
			BENEFIT						
Replacing the irrigation system will inc		efficiency a	and reduce	rrigation ma	aintenance c	osts.			
PROJECT COST ESTIMATE	Total Estimated Project Cost	To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CONSTRUCTION	1,456,458 - - - -	456,458			250,000	250,000	250,000	250,000	
TOTAL	\$ 1,456,458	\$ 456,458	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in	2019	2020	2021	2022	2023	2024
RE EXCISE TAX 1ST 1/4% GENERAL FUND UNDESIGNATED PARK RESERVE	1,180,000 201,458 75,000		2018		250,000	250,000	250,000	250,000	
TOTAL	\$ 1,456,458	\$ 456,458	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024

TOTAL

City-Wide Tree Replacement									
Type of Project Parks Project	Partnershi	p Project? NO	Project # PR130016						
Core Focus Area		Strategic Leadership Plan Project? Yes							
PROJECT NAME:	City-Wide Tree Replacement								
PROJECT ADMINISTRATI	on: Parks & Public F	acilities							
PROJECT LOCATION:	City-wide								
PROJECT TIMELINE:	Ongoing]							
RESPONSE TO *GMA LEV	EL OF SERVICE?								
PROJECT DESCRIPTION									
The City manage	a a large inventory of pub	lia traca that corres a reariety of numbers. The City	y ampleyee a licensed arberiet and participates on the						

The City manages a large inventory of public trees that serve a variety of purposes. The City employs a licensed arborist and participates on the Mid-Columbia Forestry Council, and maintains the City's "Tree City USA" designation. This professional management over the years has resulted in a healthy city-owned tree canopy that is enjoyed by the public. This project funds major tree work that cannot be absorbed by the annual maintenance operating budget and consists of bulk tree purchases and contracting with local tree services to remove end-of-life mature trees.

PROJECT ASSUMPTIONS

Active management of the City's public trees are necessary for safety and aesthetics. The majority of project funds to date have been used in the Bypass Shelterbelt. The City maintains approximately 3,000 trees and experiences different degrees of annual tree mortality. The City's streetscape trees suffer, for example, approximately 10% annual loss due to vandalism, accidents and extreme environmental conditions.

BENEFITS

Implementation of a proactive tree replacement plan will help to maintain a healthy and diverse tree canopy including trees of all ages and varieties. The City has removed 400 trees since 2015 due to vandalism, storm damage, disease and natural aging. In that same period the City has planted 220 trees. The City manages 6,000 publicly-owned trees throughout the City and plans for a 2% annual mortality rate. 200 of those trees are in streetscape environments and face a 10% annual mortality rate.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CONSTRUCTION	220,000 - - - - -	100,000	20,000	20,000	20,000	20,000	20,000	20,000	
TOTAL	\$ 220,000	\$ 100,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
RE EXCISE TAX 2ND 1/4% RE EXCISE TAX 1ST 1/4% NCIA INSURANCE-SETTLEMENT PAYMENT GENERAL FUND	160,000 20,000 20,000 20,000	20,000 20,000 20,000	20,000	20,000	20,000	20,000	20,000	20,000	
TOTAL	\$ 220,000	\$ 100,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
NCREASED MAINTENANCE COST	- - -								
TOTAL	\$ -	_		\$ -	\$ -	\$ -	\$ -	\$ -	\$

FOR FINANCE STAFF USE ONLY ALL 2019 PROJE	ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE					
DESCRIPTION	2019	CODING				
CAPITAL ITEM	20,000	380-337-0004-594524-4936				
TOTAL	\$ 20,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE				

Horn Rapids Athletic Complex Infield & Fence Renewal Type of Project Parks Project Partnership Project? Core Focus Area Strategic Leadership Plan Project? YesHorn Rapids Athletic Complex Infield & Fence Renewal PROIECT NAME: Parks & Public Facilities PROIECT ADMINISTRATION: Horn Rapids Athletic Complex PROJECT LOCATION: 2017 - 2022 PROJECT TIMELINE: NO RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION The Horn Rapids Athletic Complex is an complementary softball facility for the premier Columbia Playfields and also serves adult softball users. The complex is maintained at a lower level of service than other, similar facilities, and is now in need of infield and spectator seating area repairs beyond the capability of the City's maintenance operating budget. The City has also invested in temporary fencing and portable pitching mounds for the facility that require a storage facility. 2019 - construct 400 sq ft equipment storage building. 2020 - 2022 - replace surfacing and improve landscaping within the spectator area between fields. PROJECT ASSUMPTIONS The softball portion of the Horn Rapids Athletic Complex will be replaced at a currently undetermined time in the future with a facility at Hanford Legacy Park at which point the fields will revert to economic development opportunities in the industrial park. Other park features including the existing BMX track and supporting facilities will remain. **BENEFITS** This project will improve playing surfaces and park aesthetics. **Total Estimated** Budget To-Date 2023 2020 2021 2022 2024 PROJECT COST ESTIMATE 2019 **Project Cost** ing in 12/31/17 2018 CONSTRUCTION 220,000 50,000 30,000 50,000 30,000 30,000 30,000 30,000 \$ 30,000 \$ 30,000 \$ TOTAL 220,000 \$ 50,000 \$ 30.000 \$ 50,000 \$ Project **Total Estimated** 2020 2023 2024 RECOMMENDED FUNDING SOURCES 2019 2021 **Project Revenues** Date 12/31/17 RE EXCISE TAX 1ST 1/4% 80,000 50,000 30,000 RE EXCISE TAX 2ND 1/4% 140,000 30.000 50,000 30.000 30.000 TOTAL 220,000 \$ 50,000 30,000 \$ 50,000 \$ 30,000 \$ 30,000 \$ 30,000 \$ Total Estimated **OPERATING & MAINTENANCE COSTS** Project Operating & Maint. Costs 2019 2022 2023 2024 2020 2021 (IMPACTS) 950 150 200 200 250 TOTAL 950 150 \$ 150 \$ 200 200 \$ 250

ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE

380-337-0066-596799-6403

50.000

FOR FINANCE STAFF USE ONLY

CAPITAL ITEM

\mathbf{N}	lcMur	ray P	'ark -	Spor	ts Co	urt			
Type of Project Parks Project Partne	rship Project?	NO]					ect # 80001	
Core Focus Area	Strategic Lea	adership Pla	ın Project?	No			TKI	30001	
PROJECT NAME: McMurray Park - Spo	rts Court				J				
PROJECT ADMINISTRATION: Parks & Public	c Facilities								
PROJECT LOCATION: McMurray Park									
PROJECT TIMELINE: 2019									
RESPONSE TO *GMA LEVEL OF SERVICE?									
			CT DESCI						
McMurray Park is a neighborhood par park is currently improved with grass, help satisfy demand for an active recre	trees, a paveo	d path, play	ground, an	ıd a commur	nity garden.	The addit	ion of a ba		
		PROJEC	CT ASSUN	MPTIONS					
The project assumes the authorization	and use of fed	leral Comm	nunity Deve	elopment Blo	ock Grant (C	CDBG) fun	ds.		
			BENEFIT	S					
The multi-purpose sports court will pr	I	onal oppor	Authorized	adjacent mu	ıltifamily ho	ousing resi	dents		
PROJECT COST ESTIMATE	Total Estimated Project Cost	To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CONSTRUCTION	75,000 - - - -			75,000					
TOTAL	\$ 75,000		\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CDBG FUNDS	75,000 - - - - -			75,000					
TOTAL OPERATING & MAINTENANCE COSTS	\$ 75,000 Total Estimated	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -
(IMPACTS)	Project Operating & Maint. Costs 6,500			2019	2020 1,000	2021 1,000	2022 1,500	2023 1,500	2024 1,500
	-				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,,,,,,,	,,,,,,,	,
TOTAL	\$ 6,500	-	-	\$ -	\$ 1,000	\$ 1,000	\$ 1,500	\$ 1,500	\$ 1,500
DESCRIPTION	PROJECTS MUST 2019	CODING		ED AS CAPITAL	/MAINTENANC	E			
CAPITAL ITEM	75,000								
TOTAL	\$ 75,000	TOTAL MUST E	QUAL PROJECT (COSTS FOR 2019 A	BOVE				

Municipal Facilities Renewal & Improvement Program Type of Project Parks Project Partnership Project? Core Focus Area Strategic Leadership Plan Project? Yes Municipal Facilities Renewal & Improvement Program PROIECT NAME: Parks & Public Facilities PROIECT ADMINISTRATION: City-wide PROJECT LOCATION: PROIECT TIMELINE: Ongoing NO RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION The City owns and operates a number of buildings used for general purpose government. The City additionally owns a number of buildings and facilities that are operated by City enterprise funds and those are not considered here. Existing general purpose government facilities include: Fire Stations, 1, 2, 3 & 4, Library, Community Center, City Hall & Annex, 703 Building, Police Station and Shops Buildings, 100, 200 & 300 and park buildings such as restrooms and shelters. The City's facility maintenance operating budget absorbs the expense of basic operations and small repairs. This project is intended to fund ongoing renewal and improvement projects to existing facilities outside the scope and capability of the annual operating budget. Projects are contemplated in life cycle planning for each facility. Major improvement projects are outside the capability of this renewal and improvement program and are separated out into their own capital improvement projects. PROJECT ASSUMPTIONS The existing City Hall, Administrative Annex and the Development Services Buildings are scheduled to be replaced with a new City Hall in Spring of 2019. This program funds the categories of safety and security in a five category program also including corrective, preventative, efficiency and beautification projects. Facilities investment at the three facilities scheduled for replacement will be at a decreased level of service recognizing the City Hall project. **BENEFITS** Prolong building life expectancy and ensure building and safety of the general fund supported 14 buildings which total over 300,000 square feet. <u>Authorized</u> **Total Estimated Project Costs** Budget 2019 2020 2021 2022 2023 2024 **PROJECT COST ESTIMATE Project Cost** To-Date 12/31/16 Remaining in 2017 FACILITY MAINTENANCE 5,450,671 1,930,499 287,000 538,862 538,862 538,862 538,862 538,862 538,862 538,862 \$ 538,862 \$ 538,862 \$ 538,862 \$ TOTAL 5,450,671 \$ 1,930,499 \$ 287,000 \$ 538,862 Budget RECOMMENDED FUNDING SOURCES 2019 2020 2021 2022 2023 2024 To-Date 12/31/16 ng in Project Revenues GENERAL FUND 271,024 283.300 283.300 283,300 3.637.003 1.666.179 283.300 283.300 283.300 STREETS FUND 19,894 1,600 1,672 1,672 1,672 1,672 1,672 1,672 8.262 ELECTRIC FUND 180.120 132,710 6.520 6.815 6.815 6.815 6.815 6.815 6.815 2,220 2,321 WATER FUND 71,845 55.699 2,321 2,321 2,321 2,321 2,321 WASTEWATER FUND 44,071 38,353 786 822 822 822 822 822 822 SOLID WASTE FUND 20,550 10,532 1,378 1,440 1,440 1,440 1,440 1,440 1,440 STORMWATER FUND 7,380 239 250 250 250 250 250 250 9 1 1 9 MEDICAL SERVICES FUND 10,152 1,700 1,162 1,215 1,215 1,215 1,215 1,215 1,215 **EQUIPMENT MAINTENANCE FUND** 1,448,010 6,921 1,089 240,000 240,000 240,000 240,000 240,000 240,000 PUBLIC WORKS ADMIN & ENG FUND 9.907 2,763 982 1,027 1,027 1.027 1,027 1.027 1.027 LIBRARY CAPITAL RESERVE (GFUND) 5,450,671 \$ 1,930,499 287,000 \$ 538,862 \$ 538,862 \$ 538,862 \$ 538,862 \$ 538,862 \$ 538,862 TOTAL **OPERATING & MAINTENANCE COSTS Total Estimated** 2019 2020 2021 2022 2023 2024 (IMPACTS) TOTAL **FOR FINANCE STAFF USE ONLY** ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE DESCRIPTION 001-335-0014-571510-4806 NON-CAPITAL ITEM

862 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

	Park of	& Neighborhoo	d Sat	ety Program
Type of Project Parks Project	Partne	rship Project? NO		Project # PR160005
Core Focus Area 6		Strategic Leadership Plan Project?	Yes	
PROJECT NAME:	Park & Neighborhood	l Safety Program		
PROJECT ADMINISTRA	TION: Parks & Public	c Facilities		
PROJECT LOCATION:	Citywide - various loc	eations		
PROJECT TIMELINE: RESPONSE TO *GMA LI	2017 - 2020 EVEL OF SERVICE? NO]		
		PROJECT DESCR	RIPTION	
elements are in Public Works D notification imp	development with inpu epartment. Program el rovements, pedestrian	at from staff members from the Richl lements may include public recreation	and Police on and park eighborhood	tion facilities and public streets. Specific program Department, Parks and Facilities Department, and as site security improvements, emergency response d traffic calming features. Staff intends to develop specific projects.

PROJECT ASSUMPTIONS

Staff intends to develop an updated neighborhood traffic calming policy and to propose pedestrian safety improvements in some public recreation areas. The project will also depend on affirmation of project eligibility against the requirements of the Criminal Justice Sales tax funding source.

BENEFITS

The project will result in enhanced public safety and in improved responsiveness to validated safety concerns brought forward by residents.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CONSTRUCTION	141,000	91,000	20,000	10,000	10,000	10,000			
EQUIPMENT	_								
	-								
TOTAL	\$ 141,000	\$ 91,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
PUBLIC SAFETY SALES TAX	141,000	91,000	20,000	10,000	10,000	10,000			
	_								
	-								
	-								
TOTAL	\$ 141,000	\$ 91,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS	Total Estimated	T 11,000	+ ==,===	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7 10,000		Ţ	
(IMPACTS)	Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY	ALL 2019 PRO	JECTS MUST I	HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION		2019	CODING
CAPITAL ITEM		10,000	380-337-0066-594524-6335
TOTAL	\$	10,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

Pa	ırks Facili	ties R	enew	al &	I	mpr	0	ven	nent	Prog	ram		
Type of Project Parks Project			NO]						Proj	ect # 40021	 	
Core Focus Area 2		Strategic Lea	adership Pla	n Project?		Yes							
PROJECT NAME:	Parks Facilities Renew	al & Improve	ment Prog	ram									
PROJECT ADMINISTRAT	Parks & Public	Facilities											
PROJECT LOCATION:	City-wide												
PROJECT TIMELINE:	Ongoing VEL OF SERVICE? NO												
	VELOF SERVICE:	l 	PROIE	CT DESCI	RIP	TION							
	maintenance operating		bs the expe	ense of basic	c op	erations							
field turf and missealing/repairs/	ded to be used for ong nor fencing replaceme overlays, replacing pa ojects are outside the c ojects.	nt, minor play rk amenities,	ground sa court resur	fety surfaci facing, irrig	ng r gatio	eplacem on systen	ent n uj	, trail an pgrades,	d parking I and other	lot crack similarly	scaled pro	jects	s. Major
			PROJEC	CT ASSUN	ИP	ΓΙΟΝS							
Safety, security a	and corrective projects	are prioritized	d over prev	entative, ef	ficie	ency, bea	uti	fication,	and replac	cement pro	ojects.		
				BENEFIT	'S								
Improve safety, l	longevity and accessib	ility of park a	menities.										
PROJECT (COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018		2019		2020	2021	2022	2023		2024
PARKS FACILITIES	MAINTENANCE	3,220,000 - - - -	442,000	378,000		400,000		400,000	400,000	400,000	400,000		400,000
	TOTAL	\$ 3,220,000	\$ 442,000	\$ 378,000	\$	400,000	\$	400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$	400,000
	D FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018		2019		2020	2021	2022	2023		2024
GENERAL FUND RE EXCISE TAX 1S ⁻ UNFUNDED	Т 1/4%	2,778,000 442,000 - - -	442,000	378,000		400,000		400,000	400,000	400,000	400,000		400,000
	TOTAL	\$ 3,220,000 Total Estimated	\$ 442,000	\$ 378,000	\$	400,000	\$	400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$	400,000
	MAINTENANCE COSTS MPACTS)	Project Operating & Maint. Costs				2019		2020	2021	2022	2023		2024
	TOTAL	\$ -	-	-	\$	-	\$	-	\$ -	\$ -	\$ -	\$	-
FOR FINANCE STAF DESCRIPTION NON-CAPITAL ITEM	F USE ONLY ALL 2019 I	2019 400,000	HAVE CODING CODING 001-335-0064-57		ED A	IS CAPITAL	/MAI	INTENANC	E				
	TOTAL	\$ 400,000	TOTAL MUST E	QUAL PROJECT O	COST	S FOR 2019 A	BOVE						

Rivers to Ridges Trail: Badger Mountain Section Type of Project Parks Project Partnership Project? **Core Focus Area** Strategic Leadership Plan Project? Yes PROJECT NAME: Rivers to Ridges Trail: Badger Mountain Section Parks & Public Facilities PROJECT ADMINISTRATION: Little Badger Mountain to the Badger Mountain Centennial Preserve in the PROJECT LOCATION: vicinity of the new Westcliffe Heights subdivision 2018 - 2019 NO RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION

The Benton County-owned Badger Mountain Centennial Preserve receives over a quarter million visits per year. The County and the Friends of Badger Mountain are attempting to distribute visitors to other portions of the Preserve and to other ridgelines (Candy Mountain). This project will install a new trail on property the City is acquiring through a developer's contribution of land in lieu of park impact fees on Little Badger Mountain, connecting to an existing City trail adjacent to Falconcrest. The trail development project may require additional, minor land acquisition to meet grade and transition requirements. The project is intended to be grant funded and the City's contribution will be non-cash land value along with material and labor contribution from Friends of Badger Mountain. 2019 - If needed, due to an unsuccessful grant application, purchase lot 17 in Westcliffe Heights for future ridge trail connection.

PROJECT ASSUMPTIONS

Successful fundraising by the Friends of Badger Mountain and award of State Recreation and Conservation Office grant.

BENEFITS

Use of Trailhead Park and the Benton County Centennial Preserve is at all time highs (over a quarter million annual visits). Distributing use onto additional trails and locations is good for trail management and user experience.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
PROPERTY ACQUISITION	2,725,000		2,500,000	225,000					
	_								
	-								
	-								
TOTAL	\$ 2,725,000	\$ -	\$ 2,500,000	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
2018 RCO GRANT	1,500,000		1,500,000						
PARK RESERVE - DISTRICT 2 PROPERTY DONATION	225,000 1,000,000		1,000,000	225,000					
THOSE ENTI BOWNION	-		1,000,000						
	-								
TOTAL	\$ 2,725,000	\$ -	\$ 2,500,000	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-			-					
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PR	OJECTS MUST HA	VE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION	2019	CODING
CAPITAL ITEM	225,000	380-337-0066-596795-6312
TOTAL	\$ 225,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

Tra	ilhead Pai	k: Re	place	ment	of St	eps &	& By	pass	Trai	1
Type of Project Parks Project	Partner	ship Project?	YES]		-			ject # 70001	<u> </u>
Core Focus Area 5		Strategic Lea	adership Pla	n Project?	Yes			TKI	70001	_
PROJECT NAME:	Trailhead Park: Replac	ement of Step	s & Bypass	Trail		1]			
PROJECT ADMINISTRATIO	Parks & Public	Facilities]			
PROJECT LOCATION:	Trailhead Park, 505 Qu	eensgate Dr.								
PROJECT TIMELINE:	2017-2019						_			
RESPONSE TO *GMA LEVE	L OF SERVICE?] 								
	10.1			CT DESCR		.11.	1			-1
County Park throus uitable for users of trail by-pass arour	y-owned Badger Mountingh the City-owned Train of every ability. This properties of the steps. 2018 - The sake the mountain more	ilhead Park. A oject will repla Friends of Bac	access to the ace the City alger Mt. (FO	e preserve is -owned step OBM) comp	s over a serie os with a mai leted constru	s of City-o nufactured	wned natui block prod	ral basalt ro uct and pr	ock steps t ovide an a	hat are not lternative
			PROJEC	T ASSUM	IPTIONS					
	2017 Park Partnership P executed with the FOBM	•		graphic surv	vey will be in	iitiated by t	he City and	l a tempora	ary constru	ıction
				BENEFITS	5					
	s will improve accessibil ad \$5,400 in material and				ial Preserve.	The City w	ill benefit f	rom appro	oximately \$	7,500 of
PROJECT (COST ESTIMATE	Total Estimated Project Cost	To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CONSTRUCTION		55,000 - - - -	5,000	50,000	40,000					
	TOTAL	\$ 55,000	· · · · · · · · · · · · · · · · · · ·	\$ 50,000 Authorized	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDE	D FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
PARK RESERVE - DIS PARK PARTNERSHIP		90,000 5,000 - -	5,000	50,000	40,000					
		-								
	TOTAL MAINTENANCE COSTS	\$ 95,000 Total Estimated	\$ 5,000	\$ 50,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -
	MPACTS)	Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
		- - -								
	TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FOR FINANCE STAFF DESCRIPTION CAPITAL ITEM	USE ONLY ALL 2019 PRO	DJECTS MUST HA	VE CODING AN CODING 380-337-0066-59		AS CAPITAL/MA	INTENANCE				
UAL ITAL ITEIVI		40,000	1 300-337-0000-38	0190-0403						

	West Vil	lage Park at Bad	ger Moui	ntain South
Type of Project Parks Project	Part	nership Project? NO		Project # PR130005
Core Focus Area 5		Strategic Leadership Plan Project?	Yes	
PROJECT NAME:	West Village Park at	Badger Mountain South		
PROJECT ADMINISTRAT	Parks & Pub	lic Facilities		
PROJECT LOCATION:	Badger Mountain So	uth		
PROJECT TIMELINE:	Development driver	1		
RESPONSE TO *GMA LEV	VEL OF SERVICE?	S		
		PROJECT DESCR	IPTION	
Badger Mountain	n South is a new, priv	ate development in south Richland th	at is constructing a r	eighborhood on existing and former

Badger Mountain South is a new, private development in south Richland that is constructing a neighborhood on existing and former irrigated agricultural land. The project is being developed in phases and there are no city parks in the area today. Per the Badger Mountain South Development Agreement the first phase of the first required park is triggered at the issuance of the 400th building permit and the City has 18 months from that point to complete the first phase of park improvements. There are a number of phases identified in the agreement the first of which is anticipated in 2022 to install irrigation and turf on 10 acres of the 30 acre designated Community Park.

PROJECT ASSUMPTIONS

Home building will occur based on an anticipated schedule. The project is fully funded by neighborhood park impact fees. The development agreement addresses 2 parks each with 4 construction phases.

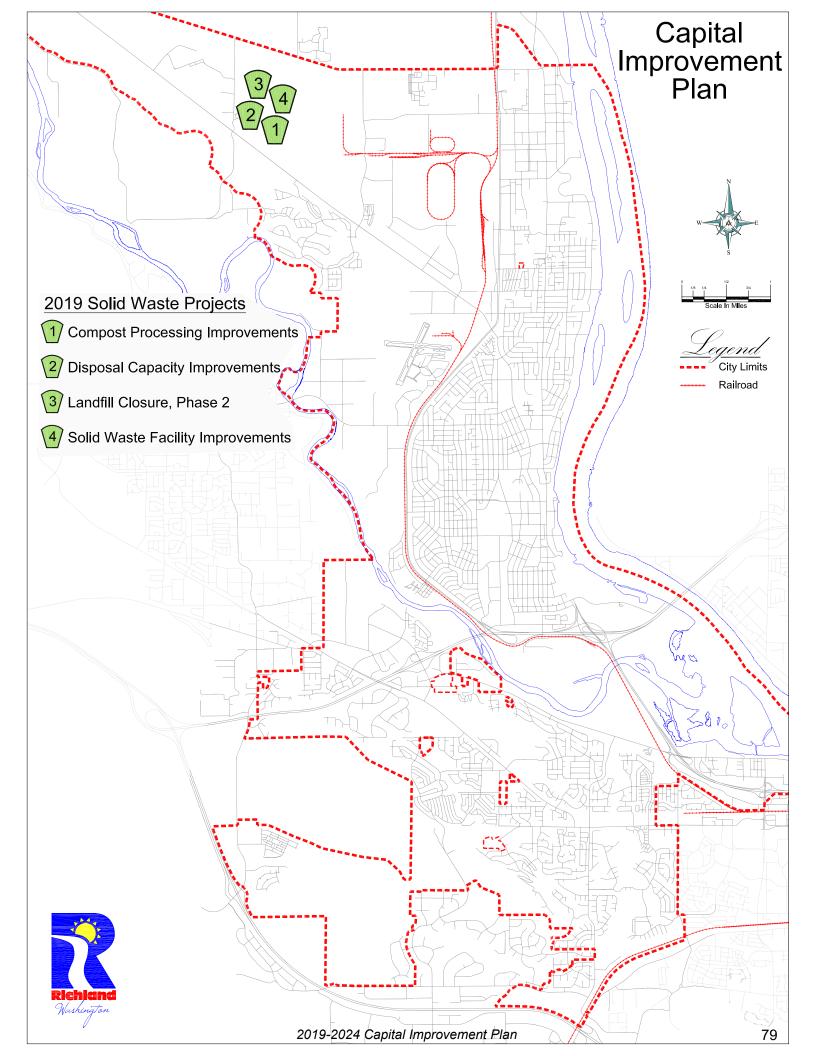
BENEFITS

Provide neighborhood and community park amenities to residents in Badger Mountain South and to meet the City's obligations of the development agreement.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	2,000,000 - - -				500,000	1,500,000			
TOTAL	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 500,000	\$ 1,500,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/76	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
PARK RESERVE - DISTRICT 3 UNDESIGNATED PARK RESERVE UNFUNDED	300,000 400,000 1,300,000 - -				300,000 200,000	200,000 1,300,000			
TOTAL	\$ 2,000,000	\$ -	\$ -		\$ 500,000	\$ 1,500,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	- - - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	- \$ -



Solid Waste





Capital Improvement Plan 2019 thru 2024

Solid Waste Projects

Department	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Solid Waste										
PROJECT COSTS										
Compost Processing Improvements	SW180001	C	0	247,000	0	0	0	0	0	247,000
Disposal Capacity Improvements	SW130002	143,512	1,275,000	7,225,000	0	0	0	0	0	8,643,512
Landfill Closure, Phase 2	SW130003	0	0	225,000	3,555,000	0	0	0	0	3,780,000
Solid Waste Facility Improvements	SW160001	94,533	40,000	20,000	20,000	20,000	20,000	20,000	20,000	254,533
	Solid Waste Total:	238,045	1,315,000	7,717,000	3,575,000	20,000	20,000	20,000	20,000	12,925,045
FUNDING SOURCES										
Rate Revenue		238,045	40,000	267,000	20,000	20,000	20,000	20,000	20,000	645,045
Solid Waste Closure & Gen Ob Bonds		C	1,275,000	7,225,000	0	0	0	0	0	8,500,000
Solid Waste Fund (Rsv for closure)		C	0	225,000	3,555,000	0	0	0	0	3,780,000
	Solid Waste Total:	238,045	1,315,000	7,717,000	3,575,000	20,000	20,000	20,000	20,000	12,925,045

Compost Processing Improvements
Type of Project Solid Waste Partnership Project? NO Project # SW180001
Core Focus Area Strategic Leadership Plan Project? Yes
PROJECT NAME: Compost Processing Improvements
PROJECT ADMINISTRATION: Public Works Administration and Engineering
PROJECT LOCATION: Horn Rapids Landfill
PROJECT TIMELINE: 2019-2020 RESPONSE TO *GMA LEVEL OF SERVICE? NO
PROJECT DESCRIPTION
This project is intended to reduce the costs of processing yard waste and wastewater treatment plant bio-solids into compost. The project will convert compost operations from a labor/equipment intensive process (turned row method) to one that requires material to be handled once (static aeration) initiate processing and is left in place until curing is complete.
PROJECT ASSUMPTIONS
It is assumed that the pilot test scheduled in the fall of 2018 will produce successful results. It is also assumed that the compost operating permit, issue by the Benton - Franklin Health District, will be amended to allow the change in processing. Past experience of the selected vendor and initial conversations with regulatory staff lead us to believe both will be successful.

BENEFITS

Labor and equipment hours will be significantly reduced by implementing a static aeration process. Providing a constant source of air to the compost materials allows for significant reduction in curing times and the equipment associated with the new process also is less expensive to operate and maintain.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	-								
CONSTRUCTION MANAGEMENT									
CONSTRUCTION	220,000			220,000					
10% CONTINGENCY	22,000			22,000					
OTHER ENG. SERVICES	5,000	•	•	5,000	•	Φ.	Φ.	•	Φ.
TOTAL	\$ 242,000	\$ -	\$ - Authorized	\$ 247,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues			2019	2020	2021	2022	2023	2024
SOLID WASTE RATE REVENUE	247,000			247,000					
TOTAL	\$ 247,000	\$ -	\$ -	\$ 247,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
ELECTRICITY	3,000			3,000					
TOTAL	\$ 3,000	-	-	\$ 3,000	\$	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY	ALL 2019 PRO	JECTS MUST HAV	/E CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION		2019	CODING
CAPITAL ITEM		247,000	404-430-0006-594527-6403
TOTAL		\$ 247,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

Disposal Capacity Improvem	ents
ype of Project Solid Waste Partnership Project? NO	Project # SW130002
Core Focus Area Strategic Leadership Plan Project? Yes	
ROJECT NAME: Disposal Capacity Improvements	
ROJECT ADMINISTRATION: Public Works Administration and Engineering	
PROJECT LOCATION: Horn Rapids Landfill	
ROJECT TIMELINE: 2016 - 2019	
ESPONSE TO *GMA LEVEL OF SERVICE? YES	
PROJECT DESCRIPTION	

Plan, design and construct facilities needed to provide future solid waste disposal capacity. A feasibility study completed in 2017 resulted in Council selecting Horn Rapids Landfill expansion as the means of meeting the City's long term waste disposal needs. Engineering design was initiated in 2018. Construction will be completed in 2019 and will include completing the landfill expansion as well as replacing the current administrative office and scalehouse and selected improvements to the customer transfer station.

PROJECT ASSUMPTIONS

The project will require debt financing in 2019, either through a City bond issue or state-issued low-interest loan. The project schedule is based on current estimates of remaining on-site landfill capacity which show the current landfill reaching capacity late in early 2020.

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 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY	250,000 275,000 7,975,000		250,000 25,000 1,000,000	250,000 6,975,000					
OTHER ENG. SERVICES	143,504	143,504							
TOTAL	\$ 8,643,504	\$ 143,504	\$1,275,000	\$7,225,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
SOLID WASTE RATE REVENUE SOLID WASTE CLOSURE FUNDS GO BOND ISSUE	143,504 - 8,500,000 -	143,504	1,275,000	(1,275,000) 8,500,000					
TOTAL	\$ 8,643,504	\$ 143,504	\$1,275,000	\$7,225,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	- - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PR	OJECTS MUST HA	AVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION	2019	CODING
CAPITAL ITEM	7,225,000	404-430-0006-594593-6403
TOTAL	\$ 7,225,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

		Landfill Closu	re, Pha	ase 2		
Type of Project Solid Waste	Partne	ship Project? NO			Project # SW130003	
Core Focus Area 2		Strategic Leadership Plan Project?	No			
PROJECT NAME:	Landfill Closure, Phas	e 2				
PROJECT ADMINISTRATIO	Public Works	Administration and Engineering				
PROJECT LOCATION:	Horn Rapids Landfill					
PROJECT TIMELINE:	2019 - 2020]				
RESPONSE TO *GMA LEVE	EL OF SERVICE? NO					
		PROJECT DESCR	RIPTION			
Place musicate viville	صواح مناونيو وطاء وموموس	dfill for long towns atalailite. On as the	a fimal landa at	fa.ta ama mla aad	the site may at he aloged to meeter	: 4

This project will prepare the existing landfill for long term stability. Once the final loads of waste are placed, the site must be closed to make it secure and isolate the waste from exposure to people and the environment, consistent with state and federal regulations. Final closure of the east side of the existing permitted landfill will include final grading, installation of an impermeable plastic cover, drilling wells and installing piping to capture and dispose of landfill gas, placement of topsoil and planting of vegetation, and construction of stormwater management features.

PROJECT ASSUMPTIONS

Current estimates are that the current landfill will be ready for closure in 2020. Funding for this closure phase is available in a dedicated reserve within the Solid Waste Utility.

BENEFITS

Closure will isolate the deposited waste from the environment and ensure compliance with regulatory requirements.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY	225,000 225,000 3,025,000 305,000			225,000	225,000 3,025,000 305,000				
TOTAL	\$ 3,780,000	\$ -	\$ -	\$ 225,000	\$ 3,555,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
SOLID WASTE FUND (RESERVE FOR CLOSURE)	3,780,000			225,000	3,555,000				
TOTAL	\$ 3,780,000	\$ -	\$ -	\$ 225,000	\$ 3,555,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PF	OJECTS MUST HA	AVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION	2019	CODING
CAPITAL ITEM	225,000	404-430-0006-594559-6403
TOTAL	\$ 225,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

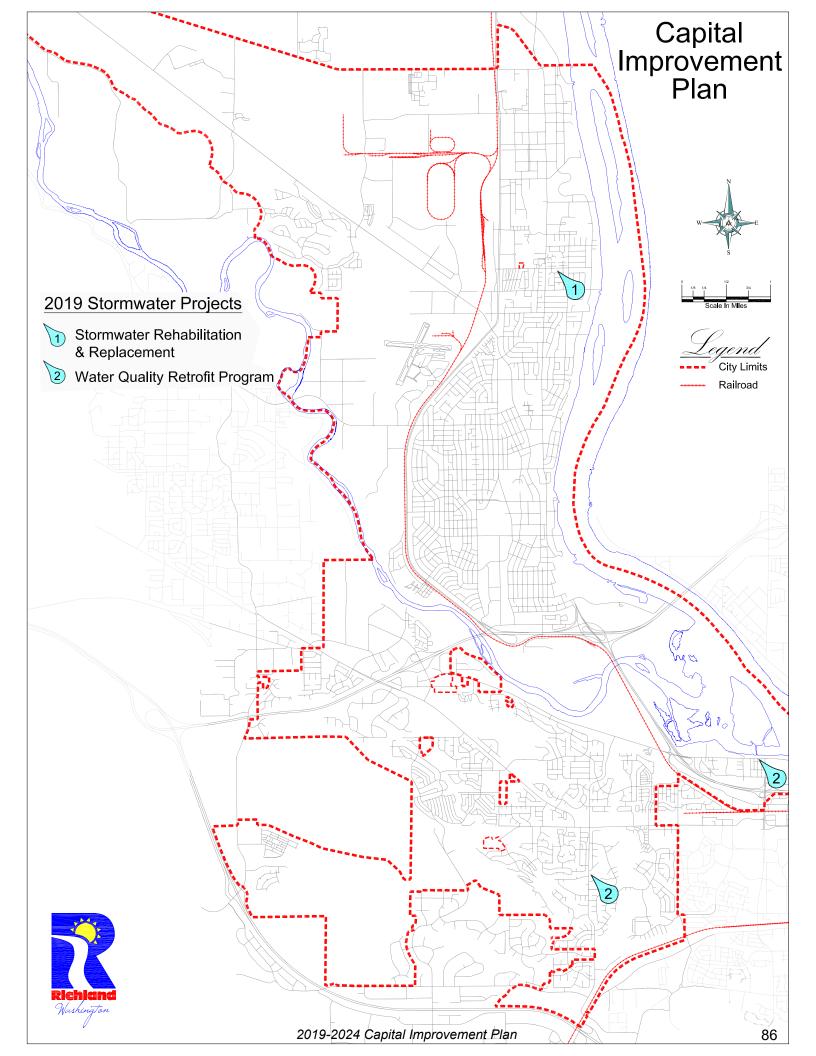
	S	olid W	aste F	acilit	y Imp	orove	ment	S			
Type of Project Solid Waste		nership Project?	NO		Z			Proj	ect # 60001	 	
Core Focus Area		Strategic L	eadership Plar	ı Project?	No			3771	00001	J	
PROJECT NAME:		Improvements									
PROJECT ADMINISTRAT	ION: Public Work	s Administration	n and Engine	ering							
PROJECT LOCATION:	Horn Rapids Landfil	1									
PROJECT TIMELINE:	2019-2020										
RESPONSE TO *GMA LEV	VEL OF SERVICE?	0									
			-	ECT DESC							
improvements ir	mpletes improvement aclude rehabilitation o pport transfer station	f the concrete flo								l 4 roll	loff
			PROJI	ECT ASSU	MPTIONS	6					
The project assur	nes financial and staff	capacity to com	plete the wo	rk.							
				BENEFI	TS						
The projects ider	tified will correct faci	lity deficiencies	and contribu		ved custome	er experienc	e and staff ef	ficiency.			
PROJECT	COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	20:	24
DESIGN CONSTRUCTION M. CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERV	(254,533 -	94,533	40,000	20,000	20,000	20,000	20,000	20,000	2	20,000
OTTLINE. SERV	TOTAL	\$ 254,533	\$ 94,533	\$ 40,000 Authorized	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 2	20,000
RECOMMEND	ED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	20:	24
SOLID WASTE RATI	E REVENUE	254,533	94,533	40,000	20,000	20,000	20,000	20,000	20,000	2	20,000
	TOTAL	\$ 254,533	\$ 94,533	\$ 40,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 2	20,000
	MAINTENANCE COSTS IMPACTS)	Total Estimated Project Operating & Maint. Costs	k		2019	2020	2021	2022	2023	20:	24
		-									
	TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$	
**FOR FINANCE STAF		PROJECTS MUST HAV			1 -	1 -					
DESCRIPTION CAPITAL ITEM		2019 20,000	CODING								

20,000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

TOTAL



Stormwater





Capital Improvement Plan 2019 thru 2024

Stormwater Projects

Department	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Stormwater										
PROJECT COSTS										
Leslie Road Storm Drain Replacement	ST160001	(839,000	0	0	0	0	0	0	839,000
Stormwater Rehabilitation & Replacement	ST130001	1,308,290	338,910	100,000	105,000	110,000	115,000	120,000	125,000	2,322,200
Water Quality Retrofit Program	ST130006	962,592	720,819	998,750	158,000	452,000	733,000	752,000	155,000	4,932,161
	Stormwater Total:	2,270,882	1,898,729	1,098,750	263,000	562,000	848,000	872,000	280,000	8,093,361
FUNDING SOURCES										
Grant - WA State Dept of Ecology		758,485	540,614	749,057	0	0	0	0	0	2,048,156
Grant Funds (Unsecured)		(0	0	118,500	339,000	549,750	564,000	0	1,571,250
Rate Revenue		1,512,397	1,358,115	349,693	144,500	223,000	298,250	308,000	280,000	4,473,955
	Stormwater Total:	2,270,882	1,898,729	1,098,750	263,000	562,000	848,000	872,000	280,000	8,093,361

	Leslie Road Storm Dr	ain Replac	cement
Type of Project Stormwater	Partnership Project? NO	•	Project # ST160001
Core Focus Area	Strategic Leadership Plan Project?	No	
PROJECT NAME:	Leslie Road Storm Drain Replacement		
PROJECT ADMINISTRAT	Public Works Administration and Engineering		
PROJECT LOCATION:	Leslie Road from Gage Blvd. to High Meadows Street		
PROJECT TIMELINE:	2018-2019		
RESPONSE TO *GMA LEV	EL OF SERVICE? NO		
	PROJECT DESCR	IPTION	
This project will	correct a conveyance system deficiency that contributes to flo	oding in the area of Le	slie Road and Gage Boulevard. The

PROJECT ASSUMPTIONS

project will replace an existing pipeline that has been determined to undersized. The project was funded in 2018 and engineering design was

The project depends on available staff capacity in Public Works Engineering.

initiated, but due to other project priorities it will be completed in 2019.

BENEFITS

The project will reduce flooding in the area of Leslie Road and Gage Boulevard, that in recent years required closure of Gage Boulevard and emergency erosion repair projects around the Amon Wasteway.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	20,000		20,000						
CONSTRUCTION MANAGEMENT CONSTRUCTION	20,000 726,364		20,000 726,364						
10% CONTINGENCY	72,636		72,636						
OTHER ENG. SERVICES	-		72,000						
	-								
TOTAL	\$ 839,000	\$ -	\$ 839,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
STORMWATER RATE REVENUE	839,000		839,000						
	-								
	_								
	_								
TOTAL	\$ 839,000	\$	\$ 839,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	- - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Stormwater Rehabilitation & Replacement												
Type of Project Stormwater Partne	rship Project?	NO					Proj	ect # 30001				
Core Focus Area	Strategic Le	eadership Plan	ı Project?	No			3113	50001				
PROJECT NAME: Stormwater Rehabilita	tion & Replace	ement										
Public Works Administration and Engineering												
PROJECT LOCATION: Throughout Richland City Limits												
Olect timeline: Ongoing												
RESPONSE TO *GMA LEVEL OF SERVICE? YES]											
PROJECT DESCRIPTION												
his program corrects stormwater system deficiencies that arise from normal wear and tear or inadequate capacity. Some of the work will oincide with the Pavement Preservation Program, fixing stormwater issues in advance of pavement rehabilitation.												
PROJECT ASSUMPTIONS												
The assumption is that rates are general	he assumption is that rates are generating adequate capital revenue funds.											
			BENEFITS	;								
This program addresses the ongoing ma	intenance nee	eds for the sto	Ormwater co	inveyance s	ystem.							
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024			
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	2,322,200 - -	1,308,290	338,910	100,000	105,000	110,000	115,000	120,000	125,000			
TOTAL	\$ 2,322,200	\$ 1,308,290	\$ 338,910 Authorized	\$ 100,000	\$ 105,000	\$ 110,000	\$ 115,000	\$ 120,000	\$ 125,000			
RECOMMENDED FUNDING SOURCES		Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024			
STORMWATER RATE REVENUE	2,322,200 - - -	1,308,290	338,910	100,000	105,000	110,000	115,000	120,000	125,000			
TOTAL	\$ 2,322,200	\$ 1,308,290	\$ 338,910	\$ 100,000	\$ 105,000	\$ 110,000	\$ 115,000	\$ 120,000	\$ 125,000			
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024			
	-											
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
FOR FINANCE STAFF USE ONLY ALL 2019 P DESCRIPTION CAPITAL ITEM		AVE CODING AN CODING 405-440-0006-5945		AS CAPITAL/M.	AINTENANCE							
TOTAL	\$ 100,000	TOTAL MUST EQU	AL PROJECT COS	TS FOR 2019 ABO	OVE							

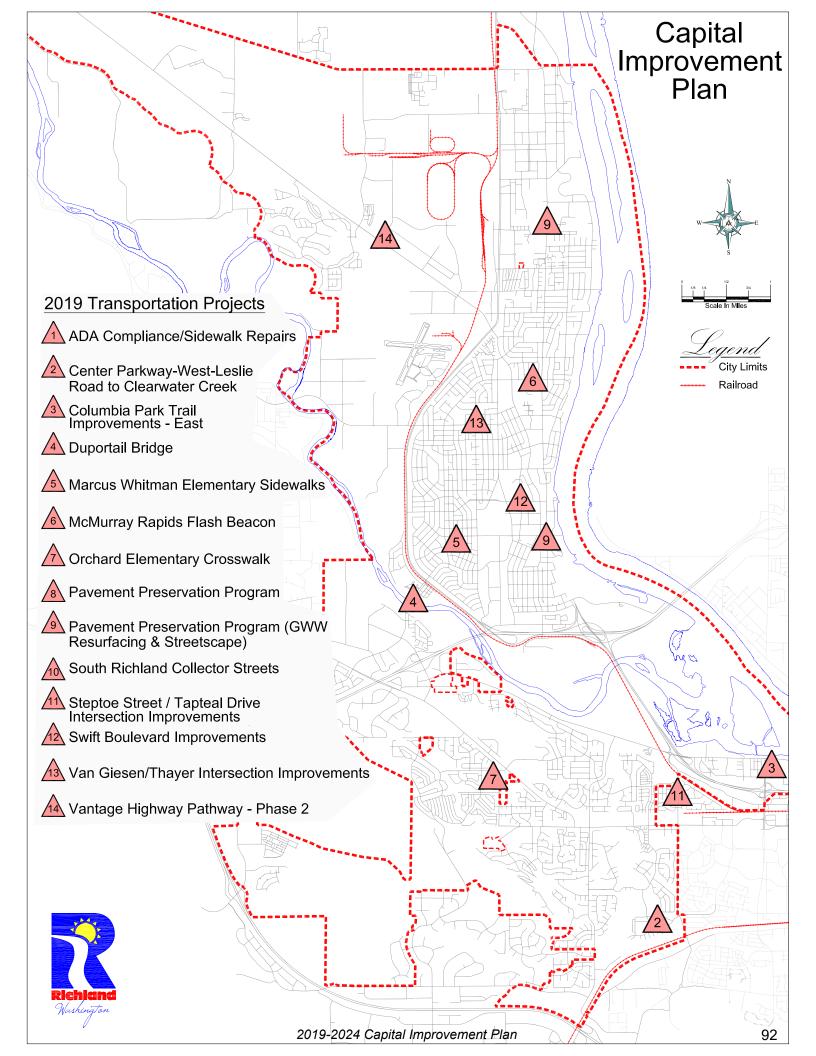
		10.		49.	_							
	ater Q	ualit	y Ret	rofit	Prog	ram						
Type of Project Stormwater Partne	rship Project?	NO						ect # 80006				
Core Focus Area	Strategic Le	adership Pla	n Project?	No			5110					
PROJECT NAME: Water Quality Retrofi	t Program											
PROJECT ADMINISTRATION: Public Works		n and Engir	neering									
Various Locations		V	- U									
PROJECT LOCATION:												
PROJECT TIMELINE: Ongoing												
RESPONSE TO *GMA LEVEL OF SERVICE? NO		DDOIEC	T DECCE	IDTION								
The existing stormwater conveyance sys	tem includes r	,	oints where		tormwater	runoff is di	scharged to	the Colum	ibia or			
Yakima Rivers. This program adds wate	er quality treat	ment feature	es to the exi	sting syster	n to reduce	the negativ	e impact of	untreated	urban			
runoff on the water quality in these river support the program. At present, the pro	gram includes	s three grant	t-supported	projects in	various sta	ges of deve	lopment. C	ne will add	dress			
several stormwater outfalls on the segme segment of Columbia Park Trail betweer												
Wasteway located within the Meadow S							address arr	outian to ti	ic 7 miori			
		PPOIEC	T ACCIIM	IDTIONS								
PROJECT ASSUMPTIONS This program is presently structured to leverage Washington State Department of Ecology grant funds to accomplish the program goals. Use of												
these funds will offset likely future regul	latory requirer	nents to imp	element the	program.	The funded	projects rel	y on the av	ailability of	the			
awarded State funds. The Columbia Par Meadow Springs project will likely requi									. The			
							•					
			DELIEFEE									
The completed projects will reduce pollu	itants in storm		BENEFITS		zater resour	ces in our (~itv					
The completed projects will reduce point	itunto in Storin	water runor	1, thus prot	cening the v	ater resour	ces in our c	city.					
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in	2019	2020	2021	2022	2023	2024			
DESIGN CONSTRUCTION MANAGEMENT	380,000 134,087	120,000 60,000	160,000 26,087	100,000 48,000								
CONSTRUCTION 10% CONTINGENCY	4,176,808 241,266	668,808 113,784	485,000 49,732	773,000 77,750	158,000	452,000	733,000	752,000	155,000			
OTHER ENG. SERVICES	-											
TOTAL	\$ 4,932,161 Total Estimated	\$ 962,592 Project	\$ 720,819 Authorized Budget	\$ 998,750	\$ 158,000	\$ 452,000	\$ 733,000	\$ 752,000	\$ 155,000			
RECOMMENDED FUNDING SOURCES	Project Revenues	Revenue To- Date 12/31/17	Remaining in 2018	2019	2020	2021	2022	2023	2024			
STORMWATER RATE REVENUE GRANT-WA STATE DEPT OF ECOLOGY	1,312,755 2,048,156	204,107 758,485	180,205 540,614	249,693 749,057	39,500	113,000	183,250	188,000	155,000			
GRANT - ECOLOGY (UNSECURED)	1,571,250				118,500	339,000	549,750	564,000				
TOTAL	\$ 4,932,161	\$ 962,592	\$ 720,819	\$ 998,750	\$ 158,000	\$ 452,000	\$ 733,000	\$ 752,000	\$ 155,000			
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024			
	-											

FOR FINANCE STAFF USE ONLY A	LL 2019 PROJECTS MUST HA	2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE						
DESCRIPTION	2019	CODING						
CAPITAL ITEM	998,750	405-440-0006-594545-6403						
TOTAL	\$ 998,750	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE						

TOTAL



Transportation





Capital Improvement Plan 2019 thru 2024

Transportation Projects

Department	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Transportation										
PROJECT COSTS										
ADA Compliance / Sidewalk Repairs Program	TR130004	696,641		242,360	100,000	100,000	100,000	100,000	100,000	1,724,306
Ava Way Extension	TR180005	(0	0	0	0	361,150	270,380	631,530
Bella Coola Lane	TR180015	(-	0	0	0	0	2,392,550	1,781,400	4,173,950
Center Parkway - North - Gage to Tapteal Drive	TR130002	3,187,772		0	1,580,266	0	0	0	0	5,588,216
Center Parkway-South-Leslie Road to Clearwater Creek	TR140019	150,000		150,000	0	1,527,000	0	0	0	1,877,000
Columbia Park Trail Improvements - East	TR140016	(55,000	2,197,323	0	0	0	0	2,302,323
Dallas Rd / I-82 Eastbound Ramp Intersection Improvement		(0	0	0	0	78,000	522,000	600,000
Dallas Rd / I-82 Westbound Ramp Intersection Improvemen		(0	0	0	0	78,000	522,000	600,000
Dallas Rd / Trowbridge Blvd Intersection Improvements	TR180010	(0	0	0	0	65,000	435,000	500,000
Dallas Road / Ava Way Intersection Improvements	TR180007	(0	0	0	0	500,000	0	500,000
Dallas Road Widening	TR180012	(0	0	0	0	274,270	914,230	1,188,500
Duportail Bridge	TR130001	5,888,169		10,300,000	4,696,154	0	0	0	0	37,461,561
Gage Boulevard Extension	TR180020	(0	0	0	0	1,176,130	823,130	1,999,260
Gage Boulevard Improvements	TR150023	(0	0	0	0	77,250	772,500	849,750
Island View to Vista Field Trail	TR180006	(0	0	0	745,570	160,000	4,250,000	5,155,570
Kingsgate / Queensgate Corridor Improvements	TR180021	(0	0	0	0	18,217,385	46,062,615	64,280,000
Marcus Whitman Elementary Sidewalks	TR160003	(26,000	118,150	0	0	0	0	144,150
McMurray Rapid Flash Beacon	TR180002	(40,500	0	0	0	0	0	40,500
Orchard Elementary Crosswalk	TR180003	(50,895	0	0	0	0	0	50,895
Pavement Preservation Program	TR130003	18,206,763		2,266,372	2,980,219	2,985,652	2,991,070	2,996,471	3,356,852	37,510,242
Pavement Preservation Program (GWW Resurfacing &	TR170002	(4,292,000	0	0	0	0	0	4,392,000
Queensgate Drive - Phase 2	TR150025	(0	0	0	81,160	436,160	349,310	866,630
Queensgate Drive Extension - Phase 1	TR140018	51,150		0	0	0	0	250,000	850,000	1,151,150
Road B-C	TR180019	(0	0	0	0	1,378,550	542,180	1,920,730
Road B-C / Trowbridge Intersection Improvements	TR180018	(0	0	0	0	65,000	435,000	500,000
Shockley Road Extension	TR180009	(0	0	0	0	934,660	367,600	1,302,260
South GWW Intersection Improvements	TR130011	108,485		0	0	0	1,082,740	6,425,980	0	7,617,205
South GWW Pedestrian Access & Safety Improvement	TR160004	0.45 4.00		0	0	0	206,000	2,472,000	0	2,678,000
South Richland Collector Streets	TR160005	345,688		125,000	125,000	125,000	125,000	125,000	125,000	1,138,333
SR 240 / I-182 / Aaron Interchange Improvements	TR180008	(0	0	0	0	4,000,000	36,000,000	40,000,000
Steptoe Street / Tapteal Drive Intersection Improvements	TR140017	40,000		100,000	1,369,900	0	0	0	0	1,584,900
Stevens Drive Pathway	TR150026	(0	0	0	0	72,100	906,400	978,500
Swift Boulevard Improvements	TR160002	2,871		300,000	0	0	0	0	0	2,782,871
Trowbridge Blvd / Ava Way Intersection Improvements	TR180016	(0	0	0	0	52,000	348,000	400,000
Trowbridge Blvd / Bella Coola Ln Intersection Improvements		(0	0	0	0	39,000	261,000	300,000
Trowbridge Boulevard - Ava to Rd B-C	TR180011	(0	0	0	0	1,903,470	1,409,540	3,313,010
Trowbridge Boulevard - Dallas to Ava Way	TR180004	(0	0	0	0	584,850	427,600	1,012,450
Van Giesen / Thayer Intersection Improvements	TR180001	(64,600	737,600	0	0	0	0	802,200
Vantage Highway Pathway - Phase 2	TR140020	(79,500	805,700	0	0	0	0	885,200
Vantage Highway Pathway - Phase 3	TR150027 ransportation Total:	28,677,539		18,092,227	0 14,710,312	0 4,737,652	5,331,540	53,000 45,267,976	583,000 102,414,737	636,000 241,439,192
"	ransportation rotal.	20,077,035	22,201,209	10,092,221	14,710,312	4,737,032	5,551,540	45,207,970	102,414,737	241,439,192
FUNDING SOURCES										
2013 BFCOG STP Funding Dist		1,048,107	7 0	0	0	0	0	0	0	1,048,107
2017 BFCOG STP Funding Dist		(789,449	0	0	0	0	0	0	789,449
Benton County Rural Cap Funds		(500,000	300,000	0	0	0	0	0	800,000
Benton County Rural Dev Funds (City)		(0	0	0	0	0	1,200,000	0	1,200,000
Business License Reserve Fund		23,290	57,410	25,000	25,000	25,000	25,000	25,000	25,000	230,700
CDBG Funds		497,840	242,580	207,360	65,000	65,000	65,000	65,000	65,000	1,272,780
City of Kennewick (RR Negotiation)		1,059,260	0	0	0	0	0	0	0	1,059,260
Developer Contribution (ROW)		(136,000	0	0	0	0	0	0	136,000
Federal Appropriation (2013 Budget)		325,383	3 0	0	0	0	0	0	0	325,383
General Fund		3,436,408	3 1,130,000	930,000	930,000	930,000	930,000	930,000	930,000	10,146,408
Conoral Fund (in Lique of DWTF Dobt Cus)		257,892		0	0	0	0	0	0	257,892
General Fund (in Lieu of PWTF Debt Svc)		231,072		U	U	U	U	U	U	201,012



Capital Improvement Plan 2019 thru 2024

Transportation Projects

Department	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Transportation Funding Sources contin	nued									
Grant - BFCOG STP Funding (Unsecured)		0	0	55,000	918,700	0	0	0	0	973,700
Grant - BFCOG TAP Fund Award		0	50,000	0	353,623	0	0	0	0	403,623
Grant - STP Fund - COG (Unsecured)		0	0	0	1,366,930	0	0	0	0	1,366,930
Grant - TAP (UL) (Unsecured)		0	0	0	0	0	0	31,800	530,000	561,800
Grant - TIB		373,752	270,248	0	0	0	0	0	0	644,000
Grant - TIB (Unsecured)		747,890	3,737,512	4,144,335	583,599	0	417,890	4,113,080	0	13,744,306
Grant - Washington State		200,000	12,018,444	4,905,665	3,075,891	0	0	0	0	20,200,000
Grant - WSDOT		0	0	0	1,369,900	0	0	0	0	1,369,900
Grant - WSDOT Bike/Ped (Unsecured)		0	0	0	0	0	0	824,000	0	824,000
Grant - WSDOT HSIP (Unsecured)		0	0	98,300	664,600	0	0	0	0	762,900
Grant - WSDOT NHS (Unsecured)		0	40,000	3,033,600	0	0	0	0	0	3,073,600
Grant Funds (Unsecured)		0	0	94,950	831,465	0	0	0	0	926,415
HSIP Funds (Secured)		32,436	0	0	0	0	0	0	0	32,436
Impact Fees		546,838	92,645	275,000	125,000	125,000	125,000	1,321,000	1,672,980	4,283,463
Industrial Development Fund		320,000	835,000	0	0	0	0	0	0	1,155,000
Interfund Loan & Gen Ob Bonds		1,653,756	6,795	0	0	0	0	0	0	1,660,551
LTGO 98 Fund		715,000	0	0	0	0	0	0	0	715,000
Port of Kennewick		0	0	0	800,000	0	0	0	0	800,000
Private Partner		40,000	0	0	0	0	0	0	0	40,000
Public Works Trust Fund Loan		750,000	0	0	0	0	0	0	0	750,000
REET-RE Excise Tax 1st 1/4%		643,417	15,315	79,963	278,570	0	291,160	222,130	157,288	1,687,843
REET-RE Excise Tax 2nd 1/4%		3,702,935	1,290,000	897,387	321,815	310,000	619,000	1,273,900	310,000	8,725,037
STP - Urban Grant		524,990	0	0	0	0	0	0	0	524,990
STP Fund (Secured-COG)		456,260	413,930	0	0	0	0	0	0	870,190
STP Fund (Unsecured-COG)		0	0	0	0	0	270,690	1,606,500	0	1,877,190
STP-UL Funds (Secured)		48,143	0	0	0	0	0	0	0	48,143
Street Fund - Fuel Tax		1,945,469	0	0	0	0	0	0	0	1,945,469
Street Fund - Utility Charges		2,687,270	0	0	0	0	0	0	0	2,687,270
Street Fund - Utility Occupation Tax		6,129,241	0	0	0	0	0	0	0	6,129,241
Streets Fund (GF)		537,000	0	0	0	0	0	0	0	537,000
Transportation Benefit District		0	556,843	414,772	420,219	425,652	431,070	436,471	796,852	3,481,879
Unfunded		0	0	1,330,000	1,330,000	2,857,000	2,156,730	33,219,095	97,927,617	138,820,442
WSDOT SR 240 Project Funds		0	0	1,250,000	1,250,000	0	0	0	0	2,500,000
Tr	ransportation Total:	28,702,577	22,182,171	18,092,227	14,710,312	4,737,652	5,331,540	45,267,976	102,414,737	241,439,192

ADA Compliance / Sidewalk Repair Program										
Type of Project										
Transportation Partnership Project? NO	Project #									
Core Focus Area 2 Strategic Leadership Plan Project? No	TR130004									
PROJECT NAME: ADA Compliance / Sidewalk Repair Program										
Project administration: Public Works Administration and Engineering										
PROJECT LOCATION: City-wide										
PROJECT TIMELINE: Ongoing										
RESPONSE TO *GMA LEVEL OF SERVICE? YES										
PROJECT DESCRIPTION										

Since 2015 the City has been developing an ADA Transition plan to identify systematic replacement of non-ADA compliant intersection pedestrian ramps. Staff has been using preliminary drafts of that Plan to guide program work. The formal Plan will be completed in 2019. This program repairs and/or replaces handicap ramps, install Accessible Pedestrian Signal systems at signalized intersections, and eliminates barriers to pedestrian mobility. The program is key to the City's strategy to comply with the Americans with Disabilities Act by addressing pre-existing facilities that do not comply with current design standards. The City Council has prioritized use of Community Development Block Grant funds as the foundation of this vital program. The other funding sources are subject to annual competitive grant programs.

PROJECT ASSUMPTIONS

This project assumes that the City will complete and adopt an ADA Transition Plan that sets priorities for correcting these conditions. It further assumes that funding remains available to dedicate to this use.

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	1,724,306 - -	696,641	285,305	242,360	100,000	100,000	100,000	100,000	100,000
TOTAL	\$ 1,724,306	\$ 696,641	\$ 285,305	\$ 242,360	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
RE EXCISE TAX 1ST 1/4% RE EXCISE TAX 2ND 1/4% CDBG FUNDS BUSINESS LICENSE RESERVE	190,826 70,000 1,272,780 190,700	175,511 - 497,840 23,290	15,315 10,000 242,580 17,410	10,000 207,360 25,000	10,000 65,000 25,000	10,000 65,000 25,000	10,000 65,000 25,000	10,000 65,000 25,000	10,000 65,000 25,000
TOTAL	\$ 1,724,306	\$ 696,641	\$ 285,305	\$ 242,360	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE									
DESCRIPTION	2019	CODING							
ADA COMPLIANCE-SIDEWALK REPAIR	242,360	301-402-0046-595610-6391							
TOTAL	\$ 242,360	TOTAL MUST FOUAL PROJECT COSTS FOR 2019 ABOVE							

	Ava Way Extension										
Type of Project											
Transportation	Partnership Project? NO	Project #									
Core Focus Area	Strategic Leadership Plan Project? No	TR180005									
PROJECT NAME: Ava Way	y Extension										
PROJECT ADMINISTRATION:	Public Works Administration and Engineering										
PROJECT LOCATION: Ava Way	y from Malbec Avenue to Trowbridge Blvd.										
PROJECT TIMELINE: 2019-2020	20										
RESPONSE TO *GMA LEVEL OF SERVIC	ICE? NO										
	PROJECT DESCRIPTION										
The project will provide pl	planned traffic circulation capacity in the Badger South area. The project	will construct a new 2-lane street with curb, gutter,									

PROJECT ASSUMPTIONS

The project will be completed as development progresses, most likely by development projects. The project is part of the City's traffic impact fee program under RMC 12.03 and thus will be funded through that program.

BENEFITS

The project will provide desirable travel facilities within the Badger South area and serve nearby development's travel needs.

sidewalk, street lights and storm drainage facilities.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	81,120							81,120	05.000
CONSTRUCTION MANAGEMENT CONSTRUCTION	25,000 223,073								25,000 223,073
10% CONTINGENCY	22,307								22,307
OTHER ENG. SRCES (ROW ACQUISITION)	280,030							280,030	
TOTAL	\$ 631,530	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 361,150	\$ 270,380
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
IMPACT FEES	631,530			-	-			361,150	270,380
	-								
TOTAL	\$ 631,530	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 361,150	\$ 270,380
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	- - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Bella Coola Lane										
Type of Project										
Transportation	Partners	hip Project? NO				Project #				
				_		TR180015				
Core Focus Area		Strategic Leadership Plan Project?	No							
PROJECT NAME:	Bella Coola Lane									
PROJECT ADMINISTRATI	ON: Public Works A	Administration and Engineering								
	D 11 C 1 I (5	T 1:1 Pl 1: P 1P.C								
PROJECT LOCATION:	Bella Coola Lane from	Гrowbridge Blvd. to Road B-С								
PROJECT TIMELINE:	2023-2024									
RESPONSE TO *GMA LEV	EL OF SERVICE?									
PROJECT DESCRIPTION										
The project will b	e completed as developn	nent progresses, most likely by develo	pment proje	ects. Widening	g of Dallas R	Road from 2-lanes to 4-lanes	with			

curb, gutter, sidewalk, street lights and storm drainage facilities.

PROJECT ASSUMPTIONS

The project will be completed as development progresses, most likely by development projects. The project is part of the City's traffic impact fee program under RMC 12.03 and thus will be funded through that program.

BENEFITS

The project will provide desirable travel facilities within the Badger South area and serve nearby development's travel needs.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	534,420							534,420	50,000
CONSTRUCTION MANAGEMENT CONSTRUCTION	50,000 1,574,000								50,000 1,574,000
10% CONTINGENCY	157,400								157,400
OTHER ENG. SRCES (ROW ACQUISITION)	1,858,130							1,858,130	
TOTAL	\$ 4,173,950	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,392,550	\$ 1,781,400
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	4,173,950		2010					2,392,550	1,781,400
	-								
	-								
TOTAL	\$ 4,173,950	\$ -	\$ -	\$ -	•	\$ -	Φ.	\$ 2,392,550	\$ 1,781,400
	Total Estimated	5 -	ъ -	\$ -	\$ -	\$ -	\$ -	\$ 2,392,550	\$ 1,781,400
OPERATING & MAINTENANCE COSTS (IMPACTS)	Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Center Pa	arkwa	ay - N	orth -	Gag	e to T	aptea	l Driv	ve		
Type of Project Transportation Partners	hip Project?	YES						ect # 30002	<u></u>	
Core Focus Area	Strategic I	Leadership Pla	ın Project?	No					J	
PROJECT NAME: Center Parkway - North	n - Gage to Ta	apteal Drive								
PROJECT ADMINISTRATION: Public Works A	dministratio	n and Engin	eering							
PROJECT LOCATION: Center Parkway from G	age Blvd to	Tapteal Driv	e							
OJECT TIMELINE: 2008 - 2020										
RESPONSE TO *GMA LEVEL OF SERVICE? YES										
		PRO	JECT DES	CRIPTION	1					
This project would establish improved trace considered vital to the highest and best ubike lanes, curb, gutter and sidewalks on railroad crossing of the Port of Benton rai	se developm both sides o	ent of prope	rties along T	apteal Drive	e. The projec	t would con	struct a new	3 lane roadv	vay with	
		PRO	JECT ASSU	UMPTION	S					
Project completion requires that the City and public property owners. In addition administrative action, with larger request Columbia Park Trail project to allow that likely in 2019.	, project com ts requiring l	pletion depe Board action.	ends on acces The 2018 C	ss to addition IP reflects a	nal grant fun transfer of pi	ding. Some reviously all	TIB funding ocated BFCC	is available OG funds to	through the	
			BENEF	ITS						
This roadway will provide improved streeconomic development in the Tapteal Bu		-		-	-	an. It will c	ontribute to	the City's go	als for retail	
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024	
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY	120,000 - 1,580,266 -	-	120,000		1,580,266					
OTHER ENG. SERV (RR NEGOTIATIONS) OTHER ENG. SERV (ROW ACQUISITION)	2,757,590 1,130,360	2,657,590 530,182	100,000 600,178							
TOTAL	\$ 5,588,216	\$ 3,187,772	\$ 820,178	\$ -	\$ 1,580,266	\$ -	\$ -	\$ -	\$ -	
DECOMMENDED FUNDING COURSES	Total Estimated Project	Project Revenue	Authorized Budget	2040	2020	2024	2022	2023	2024	
RECOMMENDED FUNDING SOURCES		To-Date 12/31/17	Remaining in	2019	2020	2021	2022	2023	2024	

RESCHINENSES I CHEMIC SCORES	Revenues	10-Date 12/31/11	2018						
STREET FUND-FUEL TAX	13,500	13,500	-						
GENERAL FUND	500,000	500,000	-						
INDUSTRIAL DEVELOPMENT FUND	320,000	320,000	-						
CITY OF KENNEWICK (RR NEGOTIATION)	1,059,260	1,059,260	-						
LTGO 98 FUND	415,000	415,000	-						
RE EXCISE TAX 1ST 1/4%	5,000	5,000	-						
RE EXCISE TAX 2ND 1/4%	45,000		-						
TIB GRANT	644,000	373,752	270,248						
DEVELOPER CONTRIBUTION (ROW)	136,000		136,000						
STP FUND (SECURED-COG)	870,190		413,930						
TIB GRANT (UNSECURED)	213,336		-		213,336				
STP FUND (UNSECURED-COG)	1,366,930		-		1,366,930				
TOTAL	\$ 5,588,216	\$ 3,187,772	\$ 820,178	\$ -	\$ 1,580,266	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS	Total Estimated Project Operating								
(IMPACTS)	& Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Center Parkway - South - Leslie Road to Clearwater Creek Type of Project Transportation Partnership Project? NO Core Focus Area Strategic Leadership Plan Project? No Center Parkway - South - Leslie Road to Clearwater Creek PROJECT NAME: Public Works Administration and Engineering PROJECT ADMINISTRATION: Leslie Road to the Clearwater Creek Subdivision PROJECT LOCATION: 2019 - 2021 PROJECT TIMELINE: YES RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION This project will complete a segment of the south Richland Collector Street system and thus improve connectivity to development south of Gage Boulevard. The project will construct a two-lane rural collector road with bike lanes, separated pathway, street lights and storm drainage on both sides of the street. Left turn lanes will be constructed where needed. The project will require an easement from the Burlington Northern Santa Fe Railroad and the Bonneville Power Administration. It will also require wetland permitting. The schedule for construction will depend on funding availability. This project was originally referred to as "Rachel Road Improvements" but is being changed to reflect that the roadway will no longer align with Rachel Road. The design development is preliminary and more engineering is needed to solidify the cost estimate. **BENEFITS** Completion of this road will improve connectivity, trip distribution, pedestrian and bicycle connectivity, and safety of the area street network. Total Estimated Project Costs To-2019 2020 2021 2022 2023 2024 PROJECT COST ESTIMATE Project Cost Date 12/31/17 DESIGN 100.000 50.000 50.000 CONSTRUCTION MANAGEMENT 120,000 120,000 CONSTRUCTION 1,277,000 1,277,000 10% CONTINGENCY 130,000 130,000 OTHER ENG. SRCES (ROW ACQUISITION) 100.000 100.000 OTHER ENG. SRCES (STUDY) 150,000 150,000 - \$ 1,527,000 \$ 50.000 \$ 150.000 \$ TOTAL \$ 1,877,000 150,000 \$ - \$ - \$ Total Estimated oject Revenue -Date 12/31/17 **Project** RECOMMENDED FUNDING SOURCES 2019 2020 2021 2022 2023 2024 TRAFFIC IMPACT FEES 350,000 150,000 50,000 150,000 UNFUNDED 1,527,000 1,527,000 \$ 1,877,000 TOTAL 150,000 50,000 \$ 150,000 \$ 1,527,000 **OPERATING & MAINTENANCE COSTS** 2019 2020 2021 2022 2023 2024 (IMPACTS) TOTAL - \$

ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE

150.000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

19 CODING 150,000 301-402-0046-595300-6322

FOR FINANCE STAFF USE ONLY

CENTER PARKWAY-W-LESLIE TO CLEARWATER CREEK
TOTAL

Columbia Park Trail Improvement	ts - East
Type of Project	
Transportation Partnership Project? YES	Project #
Core Focus Area 3 Strategic Leadership Plan Project? No	TR140016
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: 2018 - 2020	
RESPONSE TO *GMA LEVEL OF SERVICE? NO	
PROJECT DESCRIPTION	

The project is intended to use street improvements to compliment the Island View area's waterfront access by introducing dedicated bicycle and pedestrian features to the current street that lacks them. The project will reconstruct the street surface to provide 3 lanes with curb, gutter, sidewalks, bike lanes, street lights, storm drainage facilities and streetscape on both sides. The project will also make improvements to the Wye Park parking lot and street frontage. A partnership with the Port of Kennewick will support the project.

PROJECT ASSUMPTIONS

The project will require additional grant funds, which are proposed to come from a transfer of BFCOG federal funds currently allocated to the Center Parkway project. This transfer will require approval of the BFCOG board. The project also depends on the Port of Kennewick funding, which is intended to come from the Benton County Rural County Capital Fund. Approval by the Benton County Commission will be required. The project presents an opportunity to leverage a stormwater water quality treatment retrofit grant, which has been approved by the Department of Ecology. 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 occur in 2019.

BENEFITS

The project will support the redevelopment of the Island View area by introducing a high quality transportation facility with elements to support pedestrian, bicycle, and vehicular traffic, as well as streetscape features to enhance the character of the area. The project will contribute to the waterfront area planning vision that includes the Reach, Columbia Park West and Marina and the City's redevelopment goals for the Island View area.

area.									
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES	105,000 75,000 1,929,385 192,938		50,000	55,000	75,000 1,929,385 192,938				
TOTAL	\$ 2,302,323	\$ -	\$ 50,000	\$ 55,000	\$ 2,197,323	\$ -	\$ -	\$ -	\$
	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
BFCOG TAP FUND AWARD BFCOG STP FUND TRANSFER (Unsecured) RE EXCISE TAX 1ST 1/4% PORT OF KENNEWICK	403,623 973,700 125,000 800,000		50,000	55,000	353,623 918,700 125,000 800,000				
TOTAL	\$ 2,302,323	\$ -	\$ 50,000	\$ 55,000	\$ 2,197,323	\$ -	\$ -	\$ -	\$
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY	ALL 2019 PROJECTS MUST	HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION	2019	CODING
COLUMBIA PARK TRAIL IMP-EAST	55,000	301-402-0046-595300-6331
COLUMBIA PARK TRAIL IMP-EAST	-	405-440-0006-594532-6403
TOTAL	\$ 55,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

Type of Project Transportation Partr	ership Project?	NO]				Pro TRI	ject # 80014	
Core Focus Area	Strategic I	eadership Pla	ın Project?	No					
PROJECT NAME: Dallas Rd / I-82 East	oound Ramp Ir	ntersection In	nprovement	s					
ROJECT ADMINISTRATION: Public Works	Administratio	n and Engine	eering						
PROJECT LOCATION: Dallas Road & I-82									
ROJECT TIMELINE: 2023-2024						•			
RESPONSE TO *GMA LEVEL OF SERVICE?)								
		PRO	JECT DES	CRIPTION					
		PRO	JECT ASSU	JMPTION:	S				
		ses, most like	ely by devel			iject is part c	of the City's t	raffic impact	fee
		ses, most like	ely by devel	opment proj		ject is part (of the City's t	raffic impact	fee
program under RMC 12.03 and thus wi	l be funded the	ses, most like rough that pr	ely by develorogram. BENEF r South area	opment proje	ects. The pro	, ,	•	-	
rogram under RMC 12.03 and thus wi	l be funded the	ses, most like rough that pr	BENEF r South area Authorized Budget Remaining in	opment proje	ects. The pro	, ,	•	-	
The project will be completed as developrogram under RMC 12.03 and thus winder RMC 12.03 and thus winder project will provide desirable travers ongestion and improve travel capacity project cost estimate design construction management construction management construction of contingency other eng. srces (row acquisition)	I be funded the	ses, most like rough that print the Badger Ramps.	BENEF r South area	opment proje ITS and serve no	ects. The pro	pment's trav	vel needs. Th	ne project will	l reduce
PROJECT COST ESTIMATE DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 0% CONTINGENCY	facilities with at the Interstate Total Estimated Project Cost 78,000 25,000 451,818	ses, most like rough that print the Badger Ramps.	BENEF r South area Authorized Budget Remaining in	opment proje ITS and serve no	ects. The pro	pment's trav	vel needs. Th	ne project will	2024 25,000 451,818 45,182

78,000 \$ 522,000

2024

2023

2021

2022

2020

2019

TOTAL

OPERATING & MAINTENANCE COSTS (IMPACTS)

TOTAL

\$ 600,000 \$

Total Estimated Project Operating & Maint. Costs

Transportation Partner	rship Project?	NO]				Proj TR1	ect # 80013	
Core Focus Area 2	Strategic L	eadership Pla	an Project?	No					
ROJECT NAME: Dallas Rd / I-82 Westb	oound Ramp Ii	ntersection I	mprovemen	ts					
ROJECT ADMINISTRATION: Public Works	Administration	n and Engin	eering						
PROJECT LOCATION: Dallas Road & I-82									
ROJECT TIMELINE: 2023-2024 ESPONSE TO *GMA LEVEL OF SERVICE? NO									
		PRO	JECT DES	CRIPTION	 I				
he project will be completed as develop rogram under RMC 12.03 and thus will		ses, most lik				oject is part o	of the City's t	raffic impact	fee
rogram under Rivie 12.03 and thus win									
nogram under KWC 12.00 and thus win			BENEF	ITS					
The project will provide desirable travel		_	er South area		earby develc	ppment's trav	vel needs. Th	ne project wil	l reduce
he project will provide desirable travel	at the Interstat	_	er South area Authorized Budget Remaining in		earby develo	opment's trav	vel needs. Th	ne project wil	l reduce
PROJECT COST ESTIMATE DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 0% CONTINGENCY	at the Interstat	e Ramps.	er South area	and serve n	,				
PROJECT COST ESTIMATE DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 0% CONTINGENCY	Total Estimated Project Cost 78,000 25,000 451,818 45,182 - \$ 600,000	e Ramps. Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	and serve n	,			2023 78,000	2024 25,00 451,81 45,18
PROJECT COST ESTIMATE DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY DTHER ENG. SRCES (ROW ACQUISITION)	Total Estimated Project Cost 78,000 25,000 451,818 45,182	e Ramps. Project Costs To Date 12/31/17	Authorized Budget Remaining in 2018	and serve n	2020	2021	2022	2023 78,000	2024 25,00 451,81 45,18

TOTAL

OPERATING & MAINTENANCE COSTS (IMPACTS)

TOTAL

\$ 600,000 \$

Total Estimated Project Operating & Maint. Costs 78,000 \$ 522,000

2024

2023

- \$

2022

2021

2020

2019

Transportation	Partnership Project? NO Project #
Core Focus Area	Strategic Leadership Plan Project? No
PROJECT NAME: Dallas F	Rd / Trowbridge Blvd Intersection Improvements
PROJECT ADMINISTRATION:	Public Works Administration and Engineering
PROJECT LOCATION: Trowbri	idge Blvd at Dallas Road
PROJECT TIMELINE: 2023-202	NO
	PROJECT DESCRIPTION
veconstruct the intersection	on for additional capacity.
	PROJECT ASSUMPTIONS
	eted as development progresses, most likely by development projects. The project is part of the City's traffic impact fee 33 and thus will be funded through that program.
program under KMC 12.0	

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION	65,000 20,000 377,273							65,000	20,000 377,273
10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	37,727								37,727
TOTAL	\$ 500,000	1	\$ - Authorized	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 435,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17		2019	2020	2021	2022	2023	2024
UNFUNDED	500,000 -							65,000	435,000
	-								
TOTAL	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 435,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

	Dallas Ko	aa / A	va vva	ay ini	tersec	tion i	.mpro	veme	nts	
Type of Project Transportation	Partners	ship Project?	NO	_				Proje TR18	ect # 80007	
Core Focus Area 2		Strategic I	Leadership Pla	ın Project?	No		,		,	
PROJECT NAME:	Dallas Road / Ava Wa	y Intersection	Improveme	nts						
PROJECT ADMINISTRAT	ION: Public Works A	dministratio	n and Engin	eering						
PROJECT LOCATION:	Ava Way at Dallas Roa	d								
PROJECT TIMELINE:	2023-2024									
RESPONSE TO *GMA LEV	VEL OF SERVICE?									
			PRO	JECT DES	CRIPTION					
Reconstruct the 1	ntersection for additiona	а сарасіту.								
			PRO	JECT ASS	UMPTION	S				
	oe completed as develop RMC 12.03 and thus will				lopment proj	ects. The pr	oject is part o	of the City's t	raffic impact	fee
				BENEF	ITS					
The project will p	provide desirable travel	facilities with	nin the Badge		and serve n	earby devel	opment's trav	rel needs.		
PROJECT	COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Remaining in	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION M CONSTRUCTION 10% CONTINGENC' OTHER ENG. SRCE		65,000 - 435,000 - -		2018					65,000 435,000	
	TOTAL	\$ 500,000	\$ -	\$ - Authorized	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -
RECOMMENDE	ED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in	2019	2020	2021	2022	2023	2024
UNFUNDED		500,000		2018					500,000	
	TOTAL	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -
	MAINTENANCE COSTS MPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024

TOTAL

Dallas Road Widening										
e of Project										
ansportation Partnership Project? NO Project # TR180012										
ore Focus Area 2 Strategic Leadership Plan Project? No										
Dallas Road Widening										
Public Works Administration and Engineering										
ROJECT LOCATION: Dallas Road from City limits to I-82										
JECT TIMELINE: 2023-2024										
PONSE TO *GMA LEVEL OF SERVICE? NO										
PROJECT DESCRIPTION										
e project will be completed as development progresses, most likely by development projects. Widening of Dallas Road from 2-lanes to 4-lanes with										
b, gutter, sidewalk, bike lanes, street lights and storm drainage facilities.										

PROJECT ASSUMPTIONS

The project will be completed as development progresses, most likely by development projects. The project is part of the City's traffic impact fee program under RMC 12.03 and thus will be funded through that program.

BENEFITS

The project will provide desirable travel facilities within the Badger South area and serve nearby development's travel needs.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	274,270							274,270	05.000
CONSTRUCTION MANAGEMENT CONSTRUCTION	35,000 799,300								35,000 799,300
10% CONTINGENCY	79,930								79,930
OTHER ENG. SRCES (ROW ACQUISITION)	-								
TOTAL	\$ 1,188,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 274,270	\$ 914,230
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	1,188,500							274,270	914,230
	-								
	_								
	-								
TOTAL	\$ 1,188,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 274,270	\$ 914,230
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Duportail Bridge								
Type of Project								
Transportation	Partnership Project? YES	Project #						
•	- /	TR130001						
Core Focus Area	Strategic Leadership Plan Project? Yes							
2								
PROJECT NAME: Duportail Bridge								
PROJECT ADMINISTRATION: Public Works Administration and Engineering								
PROJECT LOCATION: Duportail Street over the Yakima River from SR 240 to Queensgate								
PROJECT TIMELINE:	03/2008 - 2020							
RESPONSE TO *GMA LEVEL OF SERVICE? YES								
PROJECT DESCRIPTION								

Construction of a bridge over the Yakima River connecting SR240 at Duportail Street with Queensgate Drive. The bridge will provide four travel lanes along with bicycle lanes and sidewalks on each side. The intersection of Duportail Street and SR240 will be improved with additional lanes and an improved atgrade railroad crossing. Project benefits include better connectivity between core Richland and south Richland for vehicles, bicyclists and pedestrians, improved traffic safety, and improved emergency response. The project will also facilitate replacing a vulnerable water pipeline currently located in the riverbed and subject to flood damage. The project will make improvements to the Yakima River riparian zone by replanting disturbed areas and improving trail conditions. The project will be constructed in two construction contracts, Phase 1 and Phase 2. Phase 1 is underway; Phase 2 is scheduled to begin in the second half of 2019.

PROJECT ASSUMPTIONS

Partial funding for Phase 2 is anticipated from a Washington State Connecting Washington project on SR240. This Connecting Washington Funding is expected to be available beginning in the middle of 2019. If this funding is compromised additional funding will be required, most likely from the City's Transportation Benefit District. Design approval by WSDOT is needed for Phase 2.

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 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN & ENVIRONMENTAL REVIEW	4,574,789	4,104,249	470,540						
RIGHT OF WAY ACQUISITION	1,679,068	1,679,068							
CONSTRUCTION	26,500,000	13,596	13,986,404	8,600,000	3,900,000				
10% CONTINGENCY	2,011,550	1,742	759,808	860,000	390,000				
CONSTRUCTION MANAGEMENT	2,646,154	39,514	1,360,486	840,000	406,154				
GRANT APPLICATION PREPARATION	50,000	50,000							
TOTAL	\$37,461,561	\$ 5,888,169	\$16,577,238	\$10,300,000	\$ 4,696,154	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
STP - URBAN GRANT	524,990	524,990							
RE EXCISE TAX 2ND 1/4%	97,000	97,000							
STREET FUND - FUEL TAX	208,189	208,189							
PUBLIC WORKS TRUST FUND LOAN	750,000	750,000							
GENERAL FUND (IN LIEU OF PWTF DEBT SVC)	257,892	257,892							
FEDERAL APPROPRIATION (2013 BUDGET)	325,383	325,383							
LTGO 98 FUND	300,000	300,000							
2013 BFCOG STP FUNDING DIST.	1,048,107	1,023,069	25,038						
WASHINGTON STATE GRANT	20,000,000		12,018,444	4,905,665	3,075,891				
WSDOT SR 240 PROJECT FUNDS (UNSECURED)	2,500,000			1,250,000	1,250,000				
2017 BFCOG STP FUNDING DISTRIBUTION	789,449		789,449						
TRANSPORTATION IMP BOARD GRANT	9,000,000	747,890	3,737,512	4,144,335	370,263				
INTERFUND LOAN (WATER) TBD	1,660,551	1,653,756	6,795	- *40.000.000	.	•	•	•	•
TOTAL	\$37,461,561	\$ 5,888,169	\$16,577,238	\$10,300,000	\$ 4,696,154	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
INTERFUND LOAN DEBT SERVICE (TBD)	1,753,805			335,367	355,000	355,000	355,000	353,438	
TOTAL	\$ 1,753,805	-	-	\$ 335,367	\$ 355,000	\$ 355,000	\$ 355,000		\$ -

FOR FINANCE STAFF USE ONLY	ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE					
DESCRIPTION	2019	CODING				
BRIDGES	10,300,000	301-402-0046-595300-6302				
TOTAL	\$ 10,300,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE				

	Gage Boulevard Extension											
Type of Project												
Transportation	Partnership Project? NO	Project # TR180020										
Core Focus Area	Strategic Leadership Plan Project? No											
PROJECT NAME: Gage Bo	oulevard Extension											
PROJECT ADMINISTRATION:	Public Works Administration and Engineering											
PROJECT LOCATION: Gage Blv	vd. from Morency Drive to Queensgate Blvd.											
PROJECT TIMELINE: 2023-202	NO.											
RESPONSE TO *GMA LEVEL OF SERVICE	E? NO											
	PROJECT DESCRIPTION											
The project will be complet	ted as development progresses, most likely by development projec	cts. Construct a 3-lane street with curb, gutter, sidewalk,										
1 ,	inage facilities on both sides.											

PROJECT ASSUMPTIONS

The project will be completed as development progresses, most likely by development projects. The project is part of the City's traffic impact fee program under RMC 12.03 and thus will be funded through that program.

BENEFITS

This project will provide a collector street link for the growing area south of Keene Road and the Badger South area.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	192,420 45,000 707,391 70,739 983,710							192,420 983,710	45,000 707,391 70,739
TOTAL	\$ 1,999,260	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,176,130	\$ 823,130
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	1,999,260 - - -		2010					1,176,130	823,130
TOTAL	\$ 1,999,260	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,176,130	\$ 823,130
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								

	C 1	D 1 -	1	T-00-0-4		L-			
Type of Project	Gage 1		— — —			ents			
Transportation Partners	ship Project?	NO	Waterfr	ont Project?	NO		Proj	ect # 50023	
Core Focus Area	Strategic I	eadership Pla	an Project?	No			TKI	30023	
PROJECT NAME: Gage Boulevard Impro	vements								
Project administration: Public Works A	Administratio	n and Engin	eering						
PROJECT LOCATION: Gage Blvd. from Penny	Royal to Mo	rency Drive							
PROJECT TIMELINE: 2023 - 2024						Į			
RESPONSE TO *GMA LEVEL OF SERVICE? NO									
		PRO	JECT DES	CRIPTION	[
This project is intended to improve an ex shoulders, sidewalks, street lights, and st	0 0	_		h features to	safely accon	nmodate non	-motorized t	travel. Add l	oike lanes,
		PRO	JECT ASSU	JMPTION:	s				
The project is dependent on acquisition o	f grant fundi	ng and prior	itization by (City Council					
			BENEF	ITS					
Improve travel safety, stormwater contro	l, and bicycle	and pedestr		vity.					
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To Date 12/31/17	Remaining in	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES	77,250 25,000 679,545 67,955		2018					77,250	25,000 679,545 67,955
TOTAL	\$ 849,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,250	\$ 772,500
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED RE EXCISE TAX 1ST 1/4%	735,032 114,718 -							66,820 10,430	668,212 104,288
TOTAL	\$ 849,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,250	\$ 772,500

Total Estimated Project Operating & Maint. Costs

\$

OPERATING & MAINTENANCE COSTS (IMPACTS)

TOTAL

2019

- \$

2020

- \$

2021

- \$

2022

- \$

2023

- \$

2024

Island View to Vista Field Trail												
Type of Project												
Transportation	Partnersh	ip Project? YES		Project # TR180006								
Core Focus Area 3		Strategic Leadership Plan Project?	No									
PROJECT NAME:	Island View to Vista Fiel	d Trail										
PROJECT ADMINISTRAT	Public Works Ac	lministration and Engineering										
PROJECT LOCATION:	Georgia Avenue											
PROJECT TIMELINE:	2022-2024											
RESPONSE TO *GMA LEV	VEL OF SERVICE? NO											
		PROJECT DESC	CRIPTION									
The consideration of social as			aat IV ammani al. am d aan	. (I. D. 1.1 1 ((I 1.1 1.7	T							

The project will provide non-motorized connectivity between a large area of west Kennewick and south Richland to the Island View waterfront area. In particular the project will provide a bicycle and pedestrian crossing of SR240, a significant existing barrier to non-motorized travel. The project will construct a grade separated pathway across SR 240 with continued pathway connecting into existing and proposed sidewalks on either end.

PROJECT ASSUMPTIONS

The project will depend on negotiation of a partnering interlocal agreement with the City of Kennewick. Other potential partners could include the Port of Kennewick, Ben Franklin Transit, and the Washington State Department of Transportation. The project will require grant funding, potentially from the Benton Franklin Council of Governments and the Washington State Department of Transportation. Design approval will also be required from WSDOT for the elements of the project located in WSDOT right or way.

BENEFITS

The project will make a substantial regional impact to improve non-motorized travel connectivity.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	745,570						745,570		
CONSTRUCTION MANAGEMENT CONSTRUCTION	4,250,000								4,250,000
10% CONTINGENCY	4,230,000								4,230,000
OTHER ENG. SRCES (ROW ACQUISITION)	160,000							160,000	
TOTAL	\$ 5,155,570	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 745,570	\$ 160,000	\$ 4,250,000
TOTAL	Total Estimated	·	Authorized	Φ -	Ψ -	Φ -	\$ 745,570	\$ 100,000	\$ 4,230,000
RECOMMENDED FUNDING SOURCES	Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	5,155,570		2010				745,570	160,000	4,250,000
	-								
	-								
TOTAL	\$ 5,155,570	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 745,570	\$ 160,000	\$ 4,250,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Kingsgate / Queensgate Corridor Impro	ovements
ype of Project	
Transportation Partnership Project? YES	Project #
	TR180021
Core Focus Area 2 Strategic Leadership Plan Project? No	
ROJECT NAME: Kingsgate / Queensgate Corridor Improvements	
ROJECT ADMINISTRATION: Public Works Administration and Engineering	
PROJECT LOCATION: Queensgate Drive to SR 240	
ROJECT TIMELINE: 2023-2024	
ESPONSE TO *GMA LEVEL OF SERVICE? YES	
PROJECT DESCRIPTION	
The project is one of several projects planned to reduce north-south congestion. The project will construct a new	2-lane street and bridge over the

DDOILC'T ACCHIMPTIONIC

PROJECT ASSUMPTIONS

The project will require prioritization by City Council. The project could be a partnership project with the City of West Richland. The project will require acquisition of right of way and a complex environmental review. The project will also require substantial grant funding.

BENEFITS

The project will reduce congestion and provide improved local street connectivity for motorized and non-motorized travel.

Yakima River connecting SR240 at Kingsgate to Queensgate Drive The project will have non-motorized travel features.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT	9,642,000							9,642,000	
CONSTRUCTION	46,062,615								46,062,615
10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	8,575,385							8,575,385	
TOTAL	\$64,280,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$18,217,385	\$46,062,615
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	64,280,000							18,217,385	46,062,615
	_								
	-								
TOTAL	\$64,280,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$18,217,385	\$46,062,615
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Marcus Whitman Elementary Sidewalks														
Type of Project		NO	 		.		Proj	ect #						
Core Focus Area	Strategic L	eadership Pla	n Project?	No		ľ								
PROJECT NAME: Marcus Whitman Eleme														
Public Works Administration and Engineering														
PROJECT LOCATION: Humphreys and Winslow streets from Wright Avenue to Lee Blvd.														
ROJECT TIMELINE: 2021 ESPONSE TO *GMA LEVEL OF SERVICE? NO														
LESI ONSE TO GINA LEVEL OF SERVICE:		PRO	JECT DESC	CRIPTION										
This project is intended to improve pedes ramps along Humphreys Street and Wins								te sidewalks	and ADA					
		PRO	JECT ASSU	JMPTIONS	6									
The project assumes award of grant funds	from the Wa	ashington Sta	ate Departm	ent of Transp	oortation.									
			BENEFI	ITS										
mproved pedestrian safety and street condition along a designated walk to school route.														
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Remaining in	2019	2020	2021	2022	2023	2024					
PROJECT COST ESTIMATE DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY DTHER ENG. SRCES (ROW ACQUISITION)			Budget	2019 26,000	5,000 102,864 10,286	2021	2022	2023	2024					
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY	26,000 5,000 102,864 10,286 - - \$ 144,150		Budget Remaining in 2018		5,000 102,864		2022	2023	2024					
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY DTHER ENG. SRCES (ROW ACQUISITION)	26,000 5,000 102,864 10,286 - \$ 144,150 Total Estimated	Date 12/31/17	Budget Remaining in 2018	26,000	5,000 102,864 10,286									
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY DTHER ENG. SRCES (ROW ACQUISITION) TOTAL	26,000 5,000 102,864 10,286 - \$ 144,150 Total Estimated Project	Date 12/31/17 \$ - Project Revenue	Budget Remaining in 2018 2018 Authorized Budget	\$ 26,000	5,000 102,864 10,286 \$ 118,150	\$ -	\$ -	\$ -	\$ -					
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY DTHER ENG. SRCES (ROW ACQUISITION) TOTAL RECOMMENDED FUNDING SOURCES GRANT (UNSECURED) SAFE ROUTES TO SCHOOL	26,000 5,000 102,864 10,286 - \$ 144,150 Total Estimated Project Revenues	\$ - Project Revenue To-Date 12/31/17	Budget Remaining in 2018	\$ 26,000 \$ 26,000 2019 23,400 2,600	5,000 102,864 10,286 \$ 118,150 2020 106,335 11,815	\$ -	\$ -	\$ -	\$ -					

FOR FINANCE STAFF USE ONLY ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE									
DESCRIPTION	2019	CODING							
CAPITAL ITEM	26,000	PENDING							
TOTAL	\$ 26,000	TOTAL MUST FOLIAL PROJECT COSTS FOR 2019 AROVE							

TOTAL

	ИсΜι	ırray	Rapic	1 F1	as	h Bea	ac	on				
Type of Project Transportation Partners	nip Project?	NO									ject # 180002	Į.
Core Focus Area 3	Strategic I	eadership Pla	ın Project?	No	,					TR	100002	J
PROJECT NAME: McMurray Rapid Flash	Beacon											
OJECT ADMINISTRATION: Public Works Administration and Engineering												
PROJECT LOCATION: McMurray Street at Everest Avenue												
OJECT TIMELINE: 2019												
ESPONSE TO *GMA LEVEL OF SERVICE? NO												
PROJECT DESCRIPTION The project will improve pedestrian safety at a particularly complex street crossing location. The project will install a rapid flash beacon and restripe												
The project will improve pedestrian safet turn lanes to sort traffic and reduce confu			ex street cros	ssing lo	cation	i. The proje	ect v	will insta	ıll a	rapid flas	sh beacon and	1 restripe
		PRO	JECT ASSU	JMPT:	IONS	5						
The project depends on the award of a gr	ant from the	Washington	State Depar	tment o	of Tra	nsportatior	1.					
			BENEF	ITS								
Improved pedestrian safety.												
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	201	9	2020		2021		2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	3,500 - 37,000 - -		2010		3,500 7,000							
TOTAL	\$ 40,500	\$ -	\$ - Authorized	\$ 4	0,500	\$	- \$		- 5	.	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in	201	9	2020		2021		2022	2023	2024
WSDOT HSIP GRANT (UNSECURED) RE EXCISE TAX 2ND 1/4%	40,100 400 - -		2018	4	0,100 400							
TOTAL	\$ 40,500	\$ -	\$ -	\$ 4	0,500	\$	- \$		- 5	-	- \$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			201	9	2020		2021		2022	2023	2024
	-											
TOTAL	\$ -	-	-	\$	-	\$	- \$		- 5	\$ -	- \$ -	\$ -

DESCRIPTION	2019	CODING
CAPITAL ITEM	40,500	301-402-0046-595600-6310
TOTAL	\$ 40,500	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

FOR FINANCE STAFF USE ONLY ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE

	C)rchai	rd Ele	ment	ary C	rossw	alk			
Type of Project Transportation	Partnersh	ip Project?	NO]				Proj	ect # 80003	
Core Focus Area 3		Strategic L	eadership Pla	ın Project?	No			TKI	50003	
PROJECT NAME: Orchard E	Elementary Cro	sswalk								
PROJECT ADMINISTRATION: Pu	ıblic Works Ac	dministration	n and Engine	eering						
PROJECT LOCATION: Gala Way										
PROJECT TIMELINE: 2019 RESPONSE TO *GMA LEVEL OF SERVICE	, NO									
		J 	PRO	JECT DESC	CRIPTION					
The project will improve per flashing beacons.	destrian safety	along the O		-		struct a raise	ed pedestriai	n crosswalk	with ADA ra	mps and
			PRO	JECT ASSU	JMPTIONS	3				
The project depends on the	award of a gra	nt from the V	Washington	-		sportation.				
				BENEFI	ITS					
Improved pedestrian safety	along a desigr	nated walk to	school rout							
PROJECT COST ESTIN	MATE	Total Estimated Project Cost	Project Costs To Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY	ī	7,395 5,000 35,000 3,500			7,395 5,000 35,000 3,500					
TOTAL		\$ 50,895 Total Estimated	\$ -	\$ - Authorized	\$ 50,895	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING		Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
SAFE ROUTES TO SCHOOL GRANT ((UNSECURED)	50,895 - - - -			50,895					
TOTAL	105 00070	\$ 50,895 Total Estimated	\$ -	\$ -	\$ 50,895	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENAN (IMPACTS)	ICE COSTS	Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
		-								

ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE

50,895 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

2019 CODING 50,895 301-402-0046-595610-6313

TOTAL

TOTAL

FOR FINANCE STAFF USE ONLY
DESCRIPTION
CAPITAL ITEM

Pavement Preservation Program								
Type of Project Transportation Partnership Project? NO	Project # TR130003							
Core Focus Area Strategic Leadership Plan Project? No								
PROJECT NAME: Pavement Preservation Program								
PROJECT ADMINISTRATION: Public Works Administration and Engineering								
PROJECT LOCATION: City-wide								
PROJECT TIMELINE: Ongoing								
RESPONSE TO *GMA LEVEL OF SERVICE? NO								
PROJECT DESCRIPTION								

The program invests to preserve and extend the life of the City's paved streets. The program completes street resurfacing using techniques selected to achieve the lowest life-cycle costs while maintaining street conditions at the selected standard. The City Council selected a standard Pavement Condition Index of 75 for arterial streets, 70 for collector streets, and 60 for local streets. The program completes drainage improvements where they are needed to preserve pavement condition and also completes pedestrian access facilities required by federal regulations. Projects are selected based on analysis of a City-wide pavement condition asset management model. In 2018 this program was supplemented by a WSDOT grant to resurface George Washington Way. That project details will be presented in a separate Capital Improvement Plan sheet.

PROJECT ASSUMPTIONS

This project is partially funded by an allocation from the General Fund, which is subject to competing demands. City Council created the Richland Transportation Benefit District (TBD) in 2017 to increase funding to this program. Even with this new funding the current level of funding has been shown to be inadequate to sustain the street infrastructure at the selected standard. The program assumes retention of the current General Fund amount, the infusion of new revenue from the TBD, and possibly a future increase in funding from a yet to be determined source. Allocation of a portion of TBD funding to Duportail Bridge debt service would begin in 2019 and end in 2023. The timeline for full program funding is uncertain. This program is implemented partially by City forces, which were supplemented in 2018 with one full-time position. The George Washington Way project is dependent on a Washington State grant and this program's funding for required grant matching funds.

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	37,510,242 - - -	18,206,763	1,726,843	2,266,372	2,980,219	2,985,652	2,991,070	2,996,471	3,356,852
TOTAL	\$37,510,242	\$18,206,763	\$ 1,726,843	\$ 2,266,372	\$ 2,980,219	\$ 2,985,652	\$ 2,991,070	\$ 2,996,471	\$ 3,356,852
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
STREET FUND-FUEL TAX	1,723,780	1,723,780	-						
STREET FUND-UTILITY CHARGES	2,687,270	2,687,270	-						
STREET FUND- UTILITY OCCUPATION TAX	6,129,241	6,129,241							
GENERAL FUND	9,152,780	2,936,408	930,000	636,372	930,000	930,000	930,000	930,000	930,000
WA DOT SAFETY GRANT	200,000	200,000	-						
RE EXCISE TAX 1ST 1/4% RE EXCISE TAX 2ND 1/4%	435,000	435,000	200,000	200 000	200 000	200 000	200 000	200 000	200,000
STREETS M&O FUND	5,658,064 537,000	3,558,064 537,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
TRANSPORTATION BENEFIT DISTRICT	3,197,107	337,000	686,843	_	420,219	425,652	431.070	436,471	796,852
UNFUNDED	7,980,000	_	-	1,330,000	1,330,000	1,330,000	1,330,000	1,330,000	1,330,000
TOTAL	\$37,700,242	\$18,206,763	\$ 1,916,843	\$ 2,266,372	\$ 2,980,219	\$ 2,985,652	\$ 2,991,070	\$ 2,996,471	\$ 3,356,852
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs	, ,	, ,	2019	2020	2021	2022	2023	2024
	- - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2018 PF	OJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE							
DESCRIPTION	2018	CODING						
PAVEMENT MGT PROGRAM	2,266,372	301-402-0046-595300-6362						
TOTAL	\$ 2,266,372	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE						

Pavement Preservation Program (GWW Resurfacing & Streetscape) Type of Project Transportation NO Partnership Project? **Core Focus Area** Strategic Leadership Plan Project? No Pavement Preservation Program (GWW Resurfacing & Streetscape) PROJECT NAME: Public Works Administration and Engineering PROJECT ADMINISTRATION: George Washington Way PROJECT LOCATION 2018 - 2019 PROJECT TIMELINE: RESPONSE TO *GMA LEVEL OF SERVICE? NO PROJECT DESCRIPTION

Pavement preservation is among the most pressing infrastructure maintenance responsibilities for the City. George Washington Way, as the City's most heavily travelled street, is the most demanding street in the City in terms of maintenance. The State and Federal governments have prioritized asset management principles to guide pavement preservation of our nation's roadways. A Washington State grant program was created in 2017 to incentivize local agency asset management programs for resurfacing of National Highway System routes. The grant program is not anticipated to be an ongoing program, but was created to launch and incentivize local programs. George Washington Way qualifies as a National Highway System route, whereas the vast majority of City streets do not. The City was successful in a grant application to resurface George Washington Way. George Washington Way's condition has deteriorated in recent years to the point that it was likely to require resurfacing through the City's Pavement Preservation Program in the near future. This grant will allow this to occur while extending the effect of the City's Pavement Preservation Program to other streets. This project will also utilize Real Estate Excise Tax funds to complete traffic signal upgrades, enhance pedestrian facilities and some street scape improvements. These additional features will be prioritized during project design.

PROJECT ASSUMPTIONS

The project assumes the availability of Real Estate Excise Tax funds for the project enhancements above and beyond the pavement preservation scope. The project also assumes an adequate landscape maintenance program to retain the value of the streetscape elements.

BENEFITS

The project will improve the pavement condition of the most heavily travelled street in Richland, the surface of which is in need of improvement. The project will also improve the pedestrian comfort and safety of pedestrians currently using narrow sidewalks along this very busy street. The traffic signal upgrades will contribute to travel efficiency and safety. The project will also improve the roadside appearance for many travelers using this very busy street. The grant funds will extend the effectiveness of the City's Pavement preservation Program, allowing it to narrow the gap between existing conditions and the City's desired pavement condition standard.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	100,000		100,000						
CONSTRUCTION MANAGEMENT	125,000			125,000					
CONSTRUCTION 10% CONTINGENCY	4,167,000			4,167,000					
OTHER ENG. SRCES (PLANNING STUDY)	_								
TOTAL	\$ 4,392,000	\$ -	\$ 100,000	\$ 4,292,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
RE EXCISE TAX 1ST 1/4%	72,013		-	72,013					
RE EXCISE TAX 2ND 1/4%	477,987		-	477,987					
GENERAL FUND (PAVEMENT PRESERVATION)	293,628			293,628					
WSDOT NHPP GRANT	3,073,600		40,000	3,033,600					
TRANSPORTATION BENEFIT DISTRICT	474,772		60,000	414,772					
TOTAL	\$ 4,392,000	\$ -	\$ 100,000	\$ 4,292,000	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PROJE	DJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE							
DESCRIPTION	2019	CODING						
GWW RESURFACING & STREETSCAPE	4,292,000	301-402-0046-595300-6394						
TOTAL	\$ 4,292,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE						

	Que	ensga	ate Di	rive -	Phase	2			
Type of Project Transportation Partners	hip Project?	NO	т	ont Project?	NO]	Proj		
Core Focus Area	Strategic I	eadership Pla	an Project?	No		l	IKI		
PROJECT NAME: Queensgate Drive - Pha	se 2]			
PROJECT ADMINISTRATION: Public Works A	dministratio	n and Engin	eering]			
PROJECT LOCATION: Legacy Lane to City Lin	nit								
PROJECT TIMELINE: 2020 - 2022]								
RESPONSE TO *GMA LEVEL OF SERVICE? NO]								
		PRO	JECT DES	CRIPTION	Ī				
The project is anticipated to be constructe	d by develop		JECT ASSU	JMPTION	S				
			BENEF	ITS					
Improved connectivity for vehicles, pedes	strians, and b	oicycles.	Authorized						
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17		2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	81,160 10,000 308,464 30,846 436,160						81,160	436,160	10,000 308,464 30,846
TOTAL	\$ 866,630	\$ -	\$ - Authorized	\$ -	\$ -	\$ -	\$ 81,160	\$ 436,160	\$ 349,310
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17		2019	2020	2021	2022	2023	2024
UNFUNDED	866,630		2010				81,160	436,160	349,310

TOTAL

OPERATING & MAINTENANCE COSTS (IMPACTS)

TOTAL

\$ 866,630 \$

\$

\$

2019

2020

- \$

2021

2022

81,160 \$ 436,160 \$ 349,310

2024

2023

Queensgate Drive Extension - Pl	nase 1						
Type of Project							
Transportation Partnership Project? NO	Project #						
Core Focus Area 2 Strategic Leadership Plan Project? No	TR140018						
PROJECT NAME: Queensgate Drive Extension - Phase 1							
PROJECT ADMINISTRATION: Public Works Administration and Engineering							
PROJECT LOCATION: Queensgate Drive from Shockley Road to Keene Road							
PROJECT TIMELINE: 2023 - 2024							
RESPONSE TO *GMA LEVEL OF SERVICE? NO							
PROJECT DESCRIPTION							
FI':': () 1 1 1 (d d. D. 1 1 Cl 1 d' 1 1 .	stinites to describe and a security at the						

This project will complete a segment of the south Richland Collector Street system and thus improve connectivity to development occuring to the south of Keene Road. The project will construct a 3-lane street with curb, gutter, sidewalk, street lights and storm drainage facilities on both sides. It will also modify the Keene Road / Queensgate Drive traffic signal to accommodate the new south leg of Queensgate Drive.

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 project as part of a development project. The City will complete the project only if it appears there is no action by the property owner to do so, if this project is determined to be the highest priority improvement within the South Richland Collector Street program, 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 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT	150,000 48,850							150,000	48,850
CONSTRUCTION	728,318								728,318
10% CONTINGENCY	72,832								72,832
OTHER ENG. SRCES (ROW ACQUISITION) OTHER ENG. SRCES (STUDY)	100,000 51,150	51,150						100,000	
TOTAL	\$ 1,151,150	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 850,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
TRAFFIC IMPACT FEES	1,151,150 - - - - - -	51,150						250,000	850,000
TOTAL	\$ 1,151,150	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 850,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	- - - -								
TOTAL	\$ -	-	-	\$	\$ -	\$ -	\$ -	\$ -	\$ -

Road B-C									
Type of Project									
Transportation	Partners	hip Project? NO		Project # TR180019					
Core Focus Area 2		Strategic Leadership Plan Project?	No						
PROJECT NAME:	Road B-C								
PROJECT ADMINISTRATI	Public Works A	dministration and Engineering							
PROJECT LOCATION:	Road B-C from Corvina	Street to Queensgate Drive							
PROJECT TIMELINE:	2023-2024]							
RESPONSE TO *GMA LEV	EL OF SERVICE?								
		PROJECT DESC	CRIPTION						
The project will b	e completed as developr	ment progresses, most likely by develo	opment projects. The p	project is part of the City's traffic impact fee					

program under RMC 12.03 and thus will be funded through that program.

PROJECT ASSUMPTIONS

The project will be completed as development progresses, most likely by development projects. The project is part of the City's traffic impact fee program under RMC 12.03 and thus will be funded through that program.

BENEFITS

The project will provide desirable travel facilities within the Badger South area and serve nearby development's travel needs.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT	162,650 25,000							162,650	25,000
CONSTRUCTION	470,164								470,164
10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	47,016 1,215,900							1,215,900	47,016
OTTER ENG. SICES (NOW ACQUISITION)	1,213,900							1,213,900	
TOTAL	\$ 1,920,730	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,378,550	\$ 542,180
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	1,920,730							1,378,550	542,180
	-								
	_								
	-								
TOTAL	\$ 1,920,730	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,378,550	\$ 542,180
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	- - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Road B-C / Trowbridge Intersection Improvements										
Type of Project Transportation		Partnership Project?	NO]			-	Proj	ect # 80018	
Core Focus Area		Strategic	Leadership Pl	an Project?	No			IKI	50015	
PROJECT NAME:	Road B-C / Trowl	oridge Intersection	n Improveme	ents		4				
PROJECT ADMINISTRATIO	N: Public Wo	orks Administratio	on and Engin	neering						
PROJECT LOCATION:	Intersection as pla	nned roads B-C a	nd Trowbrid	lge Blvd.						
PROJECT TIMELINE:	2023-2024						I			
RESPONSE TO *GMA LEVEL	OF SERVICE?	NO								
			PRO	JECT DESC	CRIPTION					
The project will be program under RM			ses, most like				ect is part o	f the City's tr	affic impact f	ee
				BENEFI	TS					
The project will provide desirable travel facilities within the Badger South area and serve nearby development's travel needs.										
PROJECT C	OST ESTIMATE	Total Estimated Project Cost	Project Costs To Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MAN CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES		65,000 25,000 372,727 37,273							65,000	25,000 372,727 37,273
1	TOTAL	\$ 500,000 Total Estimated	\$ -	\$ - Authorized	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 435,000
RECOMMENDE	FUNDING SOURCE	Durate of	Project Revenue To-Date 12/31/17	Budget Remaining in	2019	2020	2021	2022	2023	2024
UNFUNDED		500,000		2018					65,000	435,000

TOTAL

OPERATING & MAINTENANCE COSTS (IMPACTS)

TOTAL

\$ 500,000 \$

Total Estimated Project Operating & Maint. Costs

\$

- \$

2019

- \$

65,000 \$ 435,000

2024

2023

- \$

2021

2020

- \$

- \$

2022

Shockley Road Extension									
Type of Project	NO.								
Transportation	Partnership Project? NO	Project # TR180009							
Core Focus Area	Strategic Leadership Plan Project? No	Titlouds							
PROJECT NAME: Shockley Roa	ad Extension								
PROJECT ADMINISTRATION: Publi	ic Works Administration and Engineering								
PROJECT LOCATION: Shockley Roa	ad from Keene Road to Columbia Park Trail								
PROJECT TIMELINE: 2023-2024									
RESPONSE TO *GMA LEVEL OF SERVICE?	NO								
	PROJECT DESCRIPTION								
The project will provide planne	ed traffic circulation capacity in the South Richland area. Construct a new	2 lane street with curb, gutter, sidewalk, bike							
lanes, street lights and storm d	lrainage facilities.								

PROJECT ASSUMPTIONS

The project will be completed as development progresses, most likely by development projects. The project is part of the City's traffic impact fee program under RMC 12.03 and thus will be funded through that program.

BENEFITS

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	110,280							110,280	
CONSTRUCTION MANAGEMENT CONSTRUCTION	367,600								367,600
10% CONTINGENCY	307,000								307,000
OTHER ENG. SRCES (ROW ACQUISITION)	824,380							824,380	
TOTAL	\$ 1,302,260	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 934,660	\$ 367,600
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	1,302,260 - - - -		2010					934,660	367,600
TOTAL	\$ 1,302,260	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 934,660	\$ 367,600
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

So	outh GWW Intersection Impro	vements
Type of Project		
Transportation	Partnership Project? NO	Project # TR130011
Core Focus Area 2	Strategic Leadership Plan Project? No	
PROJECT NAME: South GWW In	atersection Improvements	
Project administration: Public V	Works Administration and Engineering	
PROJECT LOCATION: George Washin	ngton Way from I-182 to Comstock	
PROJECT TIMELINE: 2013 - 2023		
RESPONSE TO *GMA LEVEL OF SERVICE?	YES	
	PROJECT DESCRIPTION	

This project is one of several projects intended to reduce congestion and improve travel efficiency in the north and south directions through core Richland. The project will upgrade and reconfigure the intersection of George Washington Way (GWW) with Columbia Point Drive and Adams Street to improve safety, capacity and mobility. Also includes modifying the WB I-182, NB SR 240 ramps to improve safety.

PROJECT ASSUMPTIONS

The project is in the planning stage, with further Council deliberations required to settle on a preferred design concept. The schedule for the Council deliberations is not set as of mid- 2018 and will be established based on evaluation of transportation system needs and Council priorities. The project, if advanced, will require substantial grant funding that is at present unsecured. The project will require acquisition of private property rights for street right of way. The project will also require formal approval by WSDOT after selection and further refinement of the selected design concept. The project assumes that a complimentary pedestrian access improvement project will be advanced to improve pedestrian comfort and safety crossing George Washington Way.

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 will make a major and strategic contribution to the success of the City's future.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT	676,225 150,000	108,485				-	567,740	150,000	
CONSTRUCTION	5,705,436							5,705,436	
10% CONTINGENCY	570,544							570,544	
OTHER ENG. SRCES (ROW ACQUISITION)	515,000						515,000		
TOTAL	\$ 7,617,205	\$ 108,485	\$ -	\$ -	\$ -	\$ -	\$ 1,082,740	\$ 6,425,980	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2019	2022	2023	2024
HSIP FUNDS (SECURED)	32,436	32,436							
STP-UL FUNDS (SECURED) RE EXCISE TAX 1ST 1/4%	48,143	48,143					05 400		
RE EXCISE TAX 1ST 1/4% RE EXCISE TAX 2ND 1/4%	113,066 1,272,900	27,906					85,160 309,000	963,900	
TIB GRANT (UNSECURED)	4,273,470						417,890	3,855,580	
STP FUNDS (UNSECURED - COG)	1,877,190						270,690	1,606,500	
TOTAL	\$ 7,617,205	\$ 108,485	\$ -	\$ -	\$ -	\$ -	\$ 1,082,740	\$ 6,425,980	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$.

South GWW Pedestrian Access & Safety Improvement Type of Project Transportation NO Partnership Project? TR160004 Core Focus Area Strategic Leadership Plan Project? No South GWW Pedestrian Access & Safety Improvement PROJECT NAME: Public Works Administration and Engineering PROJECT ADMINISTRATION: PROJECT LOCATION: Aaron Drive to Columbia Point Drive 2022 - 2023 PROJECT TIMELINE: YES RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION

The project will compliment the South George Washington Way Intersection Improvements by constructing a grade-separated pedestrian crossing at George Washington Way. A public outreach process indicated that the public was uncomfortable with a pedestrian underpass at this location, primarily because of safety concerns with a long below ground crossing. Conceptual designs of pedestrian overpasses have been developed, but not vetted by Council. If adopted by Council the project would construct a pedestrian overpass south of the intersection of George Washington Way and Aaron Drive connecting the residential neighborhoods on the west side of George Washington Way to the shopping center and Waterfront district. The project could be leveraged to design a distinctive entry feature into the Waterfront District.

PROJECT ASSUMPTIONS

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

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	206,000						206,000		
CONSTRUCTION MANAGEMENT	75,000							75,000	
CONSTRUCTION	2,179,091							2,179,091	
10% CONTINGENCY	217,909							217,909	
OTHER ENG. SRCES (ROW ACQUISITION)	-								
TOTAL	\$ 2,678,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 206,000	\$ 2,472,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
BENTON CO RURAL DEVLPMT FUNDS (unsecured) RE EXCISE TAX 1ST 1/4% WSDOT BIKE/PED GRANT (UNSECURED) TIB GRANT (UNSECURED)	1,200,000 396,500 824,000 257,500						206,000	1,200,000 190,500 824,000 257,500	
TOTAL	\$ 2,678,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 206,000	\$ 2,472,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

	C (1 D	. 11	1.0	11 .	Cı	•			
	South R	acnia	na Co	onect	or Str	eets			
Type of Project Transportation Parl	tnership Project?	YES					Proje	ect #	
	. ,						TR16	0005	Í
Core Focus Area 2	Strategic L	eadership Pla	n Project?	No					
PROJECT NAME: South Richland Coll	ector Streets								
PROJECT ADMINISTRATION: Public Work	s Administration a	nd Engineeri	ing						
PROJECT LOCATION: New development l	ocations in South Ri	chland listed	d in RMC 12.	03.190					
PROJECT TIMELINE: Ongoing									
RESPONSE TO *GMA LEVEL OF SERVICE?	NO								
This budget is established to support i			ECT DESC						
accessed only after Council authorizat constructed improvements listed in Ri quarterly payments of traffic impact for Heights (11.2%).	chland Municipal C	Code section	12.03.190. T	here are curr	ently 4 outst	anding later	comer agree	ments receiv	ring
		PROJE	ECT ASSUN	MPTIONS					
determined by the volume and type of amounts. The amounts shown below	•	-	-		•				
			BENEFIT	TS .					
This program represents the private fi through latecomer agreements means	-					-	mprehensive	Plan. Reim	bursement
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)		045.000		405.000	405.000	405.000	405.000	405.000	405.000
LATECOMER REIMBURSEMENTS TOTAL	1,138,333 \$ 1,138,333	345,688 \$ 345,688		125,000 \$ 125,000					
RECOMMENDED FUNDING SOURCES	Total Estimated Project	Project Revenue To-Date 12/31/16	Authorized Budget Remaining in	2019	2020	2021	2022	2023	2024
TRAFFIC IMPACT FEES	1,138,333	345,688	42,645	125,000	125,000	125,000	125,000	125,000	125,000
TOTAL	\$ 1,138,333	\$ 345,688	\$ 42.645	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000
OPERATING & MAINTENANCE COSTS (IMP	Total Estimated	ψ 545,000	Ψ 42,043	,					
C. LIBETING & IIII MINTENANCE GOOTS (IIIII	& Maint. Costs			2019	2020	2021	2022	2023	2024
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FOR FINANCE STAFF USE ONLY ALL 2019 DESCRIPTION	PROJECTS MUST HAVE	CODING AND ID	ENTIFIED AS CA	APITAL/MAINTEN	IANCE				
TRAFFIC IMPACT AGREEMENT		301-402-0046-5953	300-6318						

125,000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

TOTAL

	SR 240	/ I-182	2 / Aaron Inte	erchange	e Im	provements
Type of Project Transportation		Partnership Project?		O_		Project # TR180008
Core Focus Area	I	Strate	gic Leadership Plan Project?	No		1 K100000
PROJECT NAME:	SR 240 / I-182 / .	Aaron Intercha	nge Improvements			
PROJECT ADMINISTRAT	TION: Public W	orks Administr	ration and Engineering			
PROJECT LOCATION:	SR 240 from EB F	Ramp to I-182 E	B Ramp			
PROJECT TIMELINE:	2023-2024					
RESPONSE TO *GMA LEV	/EL OF SERVICE?	NO				
			PROJECT DES	CRIPTION		
			educe north-south travel cor ruct the existing SR 240 / Aa			onstruct grade separated eastbound ramp from
			PROJECT ASS	UMPTIONS		
The project will 1 funding.	equire prioritizati	ion by the City (Council, approval by the Wa	shington State De _l	partment	of Transportation, and substantial grant

BENEFITS

The project will reduce congestion and improve travel capacity and safety.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY	4,000,000 2,000,000 30,909,091 3,090,909							4,000,000	2,000,000 30,909,091 3,090,909
TOTAL	\$40,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$36,000,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	40,000,000							4,000,000	36,000,000
TOTAL	\$40,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$36,000,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	¢ _			¢	¢	¢	¢	¢	¢

Steptoe Street / Tapteal Drive Intersection Improvements Type of Project Transportation YES Partnership Project? Core Focus Area Strategic Leadership Plan Project? No Steptoe Street / Tapteal Drive Intersection Improvements PROJECT NAME: Public Works Administration and Engineering PROJECT ADMINISTRATION: Steptoe Street & Tapteal Drive Intersection PROJECT LOCATION 2018 - 2020 PROJECT TIMELINE: RESPONSE TO *GMA LEVEL OF SERVICE? NO PROJECT DESCRIPTION

This project is intended to improve travel capacity and safety to facilitate highest and best use development of the adjacent commercially zoned property while preserving the important travel capacity of Steptoe Street, which functions as an important regional arterial street. The project will realign Tapteal Drive and Steptoe Street intersection by constructing a new signalized intersection. Also includes sidewalks, a fully signalized and gated at-grade railroad crossing and storm drainage.

PROJECT ASSUMPTIONS

This project will advance as the demand for commercial development in the Tapteal Business Park dictates, which at present is high. The 2016 predesign study concluded with a design concept supported by the Cities of Richland and Kennewick, the Port of Benton, and all three operating railroads. The selected improvement will require a crossing modification order from the Washington Utilities and Transportation Commission and acquisition of easement rights from the Port of Benton and Tri-City Railroad. Project funding is at yet unsecured, but could come from a combination of grant funds and private development funds. A water distribution system enhancement, the Island View Supply Redundancy Project, will be coordinated to occur when this project is constructed.

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 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
PRE-DESIGN STUDY	40,000	40,000	75.000	400.000					
DESIGN CONSTRUCTION MANAGEMENT	175,000		75,000	100,000	25 000				
CONSTRUCTION MANAGEMENT CONSTRUCTION	25,000 1,222,636				25,000 1,222,636				
10% CONTINGENCY	122,264				122,264				
OTHER ENG. SRCES (ROW ACQUISITION)	-				122,204				
	-	* 40.000	* 75.000	4 400 000	* 1 000 000			•	•
TOTAL	\$ 1,584,900	\$ 40,000	\$ 75,000 Authorized	\$ 100,000	\$ 1,369,900	\$ -	\$ -	\$ -	\$
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
WSDOT GRANT (UNSECURED)	1,369,900				1,369,900				
PRIVATE PARTNER	40,000	40,000							
RE EXCISE TAX 2ND 1/4%	175,000		75,000	100,000					
TOTAL	\$ 1,584,900	\$ 40,000	\$ 75,000	\$ 100,000	\$ 1,369,900	\$ -	\$ -	\$ -	\$
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								

FOR FINANCE STAFF USE ONLY ALL 2019 PF	ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE							
DESCRIPTION	2019	CODING						
STEPTOE ST/TAPTEAL DR INTERSECTION	100,000	301-402-0046-595300-6395						
TOTAL	\$ 100,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE						

		Stevens Dr	ve Path	wav					
			ive I atti	vvay					
Type of Project Transportation	Post soul	hip Project? NO Wa	terfront Project?	[0	Project #				
Transportation	Partnersi	hip Project? NO Wa	terfront Project?		Project # TR150026				
Core Focus Area		Strategic Leadership Plan Project	? No		333				
PROJECT NAME:	Stevens Drive Pathway								
PROJECT ADMINISTRATION	N: Public Works A	dministration and Engineering							
PROJECT LOCATION:	Along Stevens Drive fro	om Spengler Street to Horn Rapids	Road						
PROJECT TIMELINE:	2022 - 2023]							
RESPONSE TO *GMA LEVEL	OF SERVICE?								
		PROJECT D	ESCRIPTION						
* / *	ned to improve non-mo om Spengler Street to H	-	north Richland are	ea. Construc	t a separated multi-use pathway on east side				
PROJECT ASSUMPTIONS									
The project will mo	st likely depend on gra	nt funds and prioritization by the	City Council.						
		BEN	EFITS						

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES	72,100 35,000 792,182 79,218							72,100	35,000 792,182 79,218
TOTAL	\$ 978,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 72,100	\$ 906,400
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	978,500 - - - -							72,100	906,400
TOTAL	\$ 978,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 72,100	\$ 906,400
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	_	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Swift Boulevard Improvements	
Type of Project	2011
Transportation Partnership Project? NO	Project # TR160002
Core Focus Area Strategic Leadership Plan Project? Yes	
PROJECT NAME: Swift Boulevard Improvements	
PROJECT ADMINISTRATION: Public Works Administration and Engineering	
PROJECT LOCATION: Swift Blvd. from Stevens Drive to George Washington Way	
PROJECT TIMELINE: 2018-2019	
RESPONSE TO *GMA LEVEL OF SERVICE? NO	
PROJECT DESCRIPTION	
	10 11 1 0

This project is the street improvement element contributing to the redevelopment and revitalization of the downtown area, specifically a number of development and redevelopment opportunity sites. The project compliments construction of the replacement City Hall west of Jadwin and the marketing and private development of the current City Hall site between Jadwin and George Washington Way. The project will construct street improvements to reflect City-wide Transportation Plan elements and 2012 Swift Corridor master planning concept. The street will be resurfaced, sidewalks widened, on-street parking and bike lanes provided, street lights and traffic signals updated, and landscaping installed. In addition, sidewalks will be widened on the west side of Jadwin Avenue between Swift Boulevard and Mansfield Street, along the frontage of the federal parking lot.

PROJECT ASSUMPTIONS

It is assumed that the project funding package will be assembled before the end of 2018 once the redesigned project bids are received. The new bids are anticipated in October. The cost and funding numbers shown below are based on analysis of the unsuccessful July, 2018 bid. Once the bids are received staff will finalize a recommendation to supplement the existing funding package. It is assumed that Council will support full funding of the proposed street improvements. The project funding strategy also depends on successful negotiation with Benton County for use of additional Benton County Rural Capital Funds. It is intended that the General Fund and Industrial Development money appropriated in 2018 will be offset with any additional Benton County Rural Capital Funds accrued.

BENEFITS

The project will and update Swift Boulevard to support redevelopment of the existing, and soon to be vacated, City Hall site. The improvements will also support new development and redevelopment of privately held parcels along the street. The improved pedestrian, bicycle, and parking features will contribute to more diverse and productive development and use of the downtown area. These features and the addition of on-street parking where appropriate will contribute to the vision of downtown as an active, vibrant area.

			Authorized						
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	92,871	2,871	90,000						
CONSTRUCTION MANAGEMENT	90,000		90,000						
CONSTRUCTION	2,321,500		2,051,500	270,000					
10% CONTINGENCY	258,500		228,500	30,000					
OTHER ENG. SRCES (ROW ACQUISITION)	20,000		20,000						
TOTAL	\$ 2,782,871	\$ 2,871	\$ 2,480,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -
	Total Estimated	Project Revenue	Authorized Budget						
RECOMMENDED FUNDING SOURCES	Project Revenues	To-Date 12/31/17	Remaining in 2018	2019	2020	2021	2022	2023	2024
BENTON CO RURAL CAPITAL FUNDS	800,000		500,000	300,000					
RE EXCISE TAX 2ND 1/4	907,871	2,871	905,000						
BUSINESS LICENSE RESERVE FUND	40,000		40,000						
GENERAL FUND	200,000		200,000						
INDUSTRIAL DEVELOPMENT FUND TOTAL	835,000 \$ 2,782,871	\$ 2.871	\$35,000 \$ 2,480,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -
	, ,	Φ 2,0/1	\$ 2,460,000	\$ 300,000	\$ -	-	Φ -	Ф -	Φ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 P	L 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE						
DESCRIPTION	2019	CODING					
SWIFT BLVD IMPROVEMENTS	300,000	301-402-0046-595300-6326					
TOTAL	\$ 300,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE					

ype of Project Transportation	Partnership Project? NO Project #
Core Focus Area	Strategic Leadership Plan Project? No
ROJECT NAME: Tro	wbridge Blvd / Ava Way Intersection Improvements
ROJECT ADMINISTRATION:	Public Works Administration and Engineering
PROJECT LOCATION:	ersection of Trowbridge Blvd and Ava Way
ROJECT TIMELINE: 202 ESPONSE TO *GMA LEVEL OF	3-2024 NO NO
	PROJECT DESCRIPTION
econstruct the interes	section for additional capacity.
	PROJECT ASSUMPTIONS
	ompleted as development progresses, most likely by development projects. The project is part of the City's traffic impact fee 12.03 and thus will be funded through that program.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	52,000 25,000 293,636 29,364							52,000	25,000 293,636 29,364
TOTAL	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,000	\$ 348,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	400,000 - - - -							52,000	348,000
TOTAL	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,000	\$ 348,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								

Trow	bridge Bl	vd / Be	lla C	oola I	n Int	ersec	tion I	mpro	veme	nts
Type of Project Transportation		rship Project?	NO]				Pro	ject #	 [
Core Focus Area		Strategic I	eadership Pla	ın Project?	No			TR1	80017	
PROJECT NAME:	Trowbridge Blvd / Be	lla Coola Ln I	ntersection I	mprovement	S	4]			
PROJECT ADMINISTRAT	ION: Public Works	Administratio	n and Engin	eering]			
PROJECT LOCATION:	Intersection of Trowb	ridge Blvd and	l Bella Coola	Lane						
PROJECT TIMELINE:	2023-2024						I			
RESPONSE TO *GMA LEV	EL OF SERVICE? NC	<u>'</u>	PRO	JECT DESC	RIPTION					
Reconstruct the i	ntersection for addition	al capacity.	TRO	JECT DES	CKII IION					
. ,	e completed as develop MC 12.03 and thus wil		ses, most lik				oject is part o	f the City's t	raffic impact	fee
				BENEF	TS					
	orovide desirable travel	Total Estimated Project Cost	Project Costs To	Authorized Budget Remaining in	and serve no	earby develo	pment's trav	el needs.	2023	2024
DESIGN CONSTRUCTION MA CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCE		39,000 20,000 219,091 21,909		2018					39,000	20,000 219,091 21,909
	TOTAL	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,000	\$ 261,000
RECOMMENDE	ED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED		300,000		2018					39,000	261,000
	TOTAL	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39.000	\$ 261.000

OPERATING & MAINTENANCE COSTS (IMPACTS)

TOTAL

Total Estimated Project Operating & Maint. Costs

2019

2020

2021

2022

2023

2024

Tro	owbridg	ge Bot	uleva	rd - A	va to	Rd B	- C		
Type of Project Transportation Par	tnership Project?	NO						ect # 80011	
Core Focus Area	Strategic Le	adership Pla	n Project?	No			- TKI	00011	
PROJECT NAME: Trowbridge Boulev	ard - Ava to Rd B	-C							
PROJECT ADMINISTRATION: Public World	ks Administration	and Engine	eering						
PROJECT LOCATION: Trowbridge Blvd. fr	om Ava Way to f	uture road B	3 and C						
PROJECT TIMELINE: 2023-2024									
RESPONSE TO *GMA LEVEL OF SERVICE?	NO								
		PROJ	ECT DESC	CRIPTION	[
The project will be completed as devel program under RMC 12.03 and thus w		es, most likel				ect is part of	f the City's t	raffic impact	fee
			BENEFI	TS					
The project will provide desirable trav	Total Estimated F	Project Costs To-	Authorized Budget						
PROJECT COST ESTIMATE	Project Cost	Date 12/31/17	Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	422,860 - 1,409,540 - 1,480,610							422,860 1,480,610	1,409,540
TOTAL	Total Estimated	\$ -	\$ - Authorized	\$ -	\$ -	\$ -	\$ -	\$ 1,903,470	\$ 1,409,540
RECOMMENDED FUNDING SOURCES	Broject F	Project Revenue Fo-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNFUNDED	3,313,010		2018					1,903,470	1,409,540

- \$

- \$

2020

2019

- \$

- \$

2021

- \$

2022

- \$ 1,903,470 \$ 1,409,540

2023

2024

TOTAL

OPERATING & MAINTENANCE COSTS (IMPACTS)

TOTAL

\$ 3,313,010 \$

Total Estimated Project Operating & Maint. Costs

\$

	Trowbridge Boulevard - Dallas to Ava Way										
Type of Project											
Transportation	Partnersl	nip Project? NO		Project # TR180004							
Core Focus Area 2		Strategic Leadership Plan Project?	No								
PROJECT NAME:	Trowbridge Boulevard	Dallas to Ava Way									
PROJECT ADMINISTRATI	Public Works A	dministration and Engineering									
PROJECT LOCATION:	Trowbridge Blvd. from	Dallas Road to Ava Way									
PROJECT TIMELINE:	2019-2020 EL OF SERVICE? NO										
RESPONSE TO *GMA LEV	EL OF SERVICE?										
		PROJECT DESC	CRIPTION								
The project will p	rovide planned traffic ci	culation capacity in the Badger South	n area. The project will c	onstruct an additional 2 lane half street with							
curb, gutter, side	walk, bike lanes, street li	ghts and storm drainage facilities.	- ,								

PROJECT ASSUMPTIONS

The project will be completed as development progresses, most likely by development projects. The project is part of the City's traffic impact fee program under RMC 12.03 and thus will be funded through that program.

BENEFITS

The project will provide desirable travel facilities within the Badger South area and serve nearby development's travel needs.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT	128,280 10,000							128,280	10,000
CONSTRUCTION	379,636								379,636
10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	37,964 456,570							456,570	37,964
TOTAL	\$ 1,012,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 584,850	\$ 427,600
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
IMPACT FEES	1,012,450			-	-			584,850	427,600
	-								
	-								
TOTAL	\$ 1,012,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 584,850	\$ 427,600
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Van Giesen / Thayer Intersection Improvements												
Type of Project		NO				··· ·	Proj	ect # 30001	 			
Core Focus Area	Strategic I	eadership Pla	ın Project?	No		'		30001	J			
Van Giesen / Thayer Intersection Improvements												
OJECT ADMINISTRATION: Public Works Administration and Engineering												
Van Giesen Street & Thayer Drive intersection												
OJECT TIMELINE: 2019-2020 SPONSE TO *GMA LEVEL OF SERVICE? NO												
	<u></u>	PRO	JECT DES	CRIPTION	 [
PROJECT DESCRIPTION his project will improve travel safety at an intersection that has a history of crashes at a higher rate than other similar intersections. The project would be construct the intersection of Van Giesen Street and Thayer Drive as a single land roundabout.												
		PRO	JECT ASSI	UMPTIONS	s							
The project will rely on grant funds from	the Washing	gton State De	partment of	Transportati	ion.							
			BENEF	ITS								
Constructing a roundabout at this location	on will reduc	e the number		y of crashes,	thus improv	ing travel sa	fety.					
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024			
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 0% CONTINGENCY DTHER ENG. SRCES (ROW ACQUISITION)	52,300 15,000 656,909 65,691 12,300		2010	52,300 12,300	15,000 656,909 65,691							
TOTAL	\$ 802,200	\$ -	\$ - Authorized	\$ 64,600	\$ 737,600	\$ -	\$ -	\$ -	\$ -			
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024			
VSDOT HSIP GRANT (UNSECURED) RE EXCISE TAX 1ST 1/4% RE EXCISE TAX 2ND 1/4%	722,800 73,000 6,400		2016	58,200 6,400	664,600 73,000							
TOTAL	\$ 802,200	\$ -	\$ -	\$ 64,600	\$ 737,600	\$ -	\$ -	\$ -	\$ -			
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024			
	_											

 ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE

 2019
 CODING

 64,600
 301-402-0046-595300-6367

64,600 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

TOTAL

TOTAL

FOR FINANCE STAFF USE ONLY
DESCRIPTION
CAPITAL ITEM

Vantage Highway Pathway - Phase 2 Type of Project Transportation Partnership Project? NO Core Focus Area Strategic Leadership Plan Project? No Vantage Highway Pathway - Phase 2 PROJECT NAME: Public Works Administration and Engineering PROJECT ADMINISTRATION: From the intersection of SR240 and Robertson Drive to Stevens Drive along the PROJECT LOCATION: Snyder Street right of way. 2019 - 2020 PROJECT TIMELINE: RESPONSE TO *GMA LEVEL OF SERVICE? NO

PROJECT DESCRIPTION

This project is planned to improve non-motorized travel connectivity in the north Richland area. The project will construct a 12' asphalt multi-use pathway on the north side of SR-240, connecting the Vantage Highway Pathway Phase 1 with Stevens Drive Pathway by using the Snyder Street right of way. This will involve an undercrossing of the Port of Benton railroad tracks.

PROJECT ASSUMPTIONS

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

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES (ROW ACQUISITION)	53,000 25,000 709,727 70,973 26,500			53,000 26,500	25,000 709,727 70,973				
TOTAL	\$ 885,200	\$ -	\$ -	\$ 79,500	\$ 805,700	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
WSDOT GRANT (UNSECURED) RE EXCISE TAX 1ST 1/4%	796,680 88,520 - - -			71,550 7,950	725,130 80,570				
TOTAL	\$ 885,200	\$ -	\$ -	\$ 79,500	\$ 805,700	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	- - - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 P	L 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE							
DESCRIPTION	2019	CODING						
CAPITAL ITEM	79,500	301-402-0046-595600-6356						
TOTAL	\$ 79,500	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE						

X 7	ato ao TT: alo		<u></u>	Dlagge	2		
	ıntage High	iway Pat	nway -	rnase	3		
Type of Project Transportation Partne	ership Project? NO	Waterfront Proj	et? NO		Proje		
Core Focus Area	Strategic Leadership Pla	an Project?)	_	TRIS	50027	
PROJECT NAME: Vantage Highway Pat	hway - Phase 3						
PROJECT ADMINISTRATION: Public Works	Administration and Engin	eering					
PROJECT LOCATION: Along SR 240 - from T	win Bridges Road to King	sgate Way					
PROJECT TIMELINE: 2021 - 2022				_			
RESPONSE TO *GMA LEVEL OF SERVICE?)						
	PRO	DJECT DESCRIP	TION				
This project is planned to improve non- north side of SR-240.	notonized daver connecti	vity in the north ru	raura urcu. Cora	struct a 12 as	priant mann c	se paarway	on the
	PRC	JECT ASSUMP	IONS				
The project will require acquisition of g Department of Transportation, or the B	•		State Transportat	ion Improven	nent Board, t	he Washingt	on State
		BENEFITS					
This project will provide improved con	nectivity and safety for bic	cycle users and ped	estrians.				
PROJECT COST ESTIMATE	Total Estimated Project Costs To Project Cost Date 12/31/17	Authorized Budget Remaining in 20	19 2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SRCES	53,000 20,000 511,818 51,182					53,000	20,000 511,818 51,182
TOTAL	\$ 636,000 \$ -	\$ - \$ Authorized	- \$ -	\$ -	\$ -	\$ 53,000	\$ 583,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Project Revenues Project Revenue To-Date 12/31/17	Budget	19 2020	2021	2022	2023	2024
TAP (UL) GRANT (UNSECURED) RE EXCISE TAX 1ST 1/4%	561,800 74,200					31,800 21,200	530,000 53,000

TOTAL

OPERATING & MAINTENANCE COSTS (IMPACTS)

TOTAL

\$ 636,000 \$

Total Estimated
Project Operating
& Maint. Costs

\$

- \$

- \$

- \$

2019

- \$

\$

2020

- \$

- \$

2021

- \$

- \$

2023

2022

\$

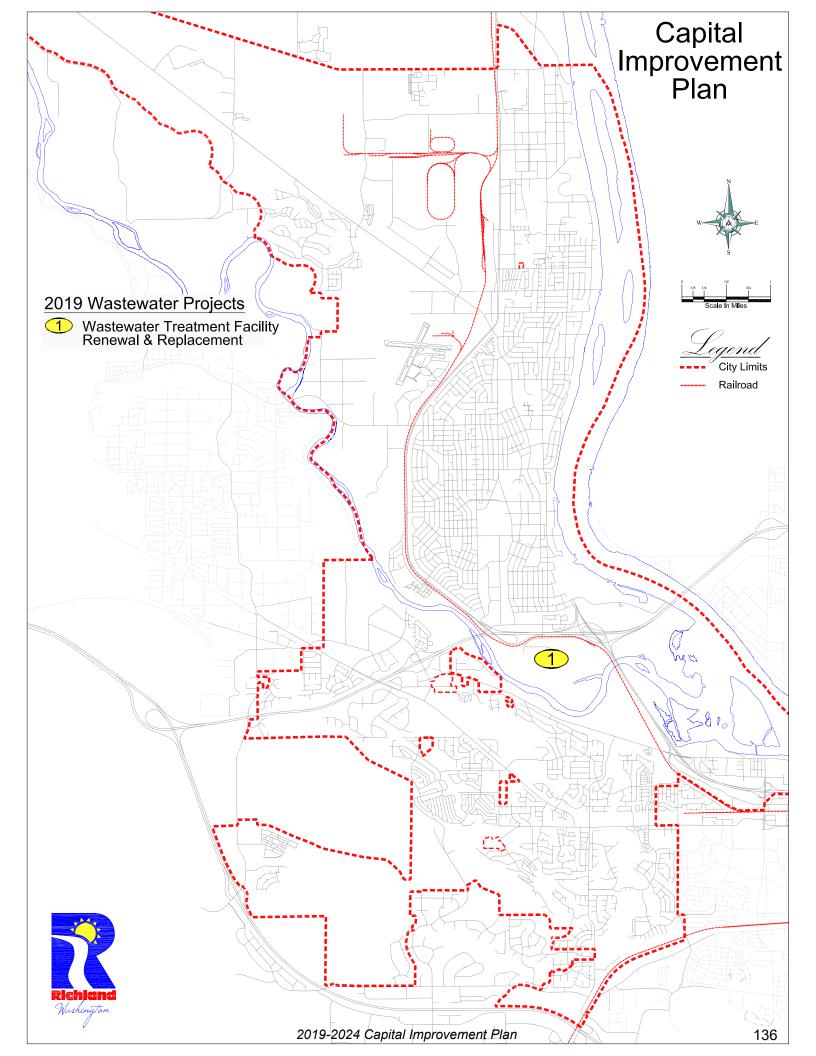
53,000 \$ 583,000

\$

2024



Wastewater





Capital Improvement Plan 2019 thru 2024

Wastewater Projects

Department	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Wastewater		2017	2010							
PROJECT COSTS										
Collection System Renewal & Replacement	WW130001	7,895,716	3,513,986	0	1,761,000	1,818,000	1,878,000	1,939,000	2,002,000	20,807,702
Wastewater Treatment Facility Renewal & Replacement	WW130006	3,563,287	7 661,082	568,000	587,000	606,000	626,000	646,000	667,000	7,924,369
	Wastewater Total:	11,459,003	3 4,175,068	568,000	2,348,000	2,424,000	2,504,000	2,585,000	2,669,000	28,732,071
FUNDING SOURCES										
Bonds - Prior Issue		(1,523,595	0	0	0	0	0	0	1,523,595
Facility Fees		200,000	1,600,000	300,000	600,000	600,000	600,000	600,000	600,000	5,100,000
Rate Revenue		11,259,003	3 1,051,473	268,000	1,748,000	1,824,000	1,904,000	1,985,000	2,069,000	22,108,476
	Wastewater Total:	11,459,003	3 4,175,068	568,000	2,348,000	2,424,000	2,504,000	2,585,000	2,669,000	28,732,071

Collec	tion System Renewal & Rep	placement
Type of Project Wastewater Partne	ership Project? NO	Project # WW130001
Core Focus Area	Strategic Leadership Plan Project? No	
PROJECT NAME: Collection System Res	newal & Replacement	
PROJECT ADMINISTRATION: Public Works	Administration and Engineering	
PROJECT LOCATION: Throughout Richland		
PROJECT TIMELINE: Ongoing]	
RESPONSE TO *GMA LEVEL OF SERVICE?		
	PROJECT DESCRIPTION	

This program preserves the City's large investment in its wastewater collection system by implementing lining of structurally adequate pipe and replacment of structurally or hydraulically deficient pipe. The program includes inspection, replacement and/or repair of deteriorated sewer lines, manholes and repair and replacement of obsolete pumping stations. The 2019 work includes the installation of a backup generator at the Columbia Point Drive lift station. This program also includes spot repairs or pipe rehabilitation in streets scheduled to be impacted by the Pavement Preservation Program.

PROJECT ASSUMPTIONS

The program funding level is based on the recommendations of the 2016 General Sewer Plan update, which indicate the City's sewer collection system has a large inventory of pipe approaching 75 years old. The program need will be refined, validated and directed by a two-year intensive pipeline inspection and condition rating program that was initially planned to begin in 2018, but will now be begin in 2019. The program relies on adequate funding from user rates and new connections.

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	198,356 - 20,609,346 - -	198,356 7,697,360	3,513,986	-	1,761,000	1,818,000	1,878,000	1,939,000	2,002,000
TOTAL	\$ 20,807,702	\$ 7,895,716	\$ 3,513,986	\$ -	\$ 1,761,000	\$ 1,818,000	\$ 1,878,000	\$ 1,939,000	\$ 2,002,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
WASTEWATER RATE REVENUE WASTEWATER FACILITY FEE REVENUE REVENUE BONDS	16,484,107 2,800,000 1,523,595	7,895,716 - -	690,391 1,300,000 1,523,595	-	1,461,000 300,000	1,518,000 300,000	1,578,000 300,000	1,639,000 300,000	1,702,000 300,000
TOTAL	\$ 20,807,702	\$ 7,895,716	\$ 3,513,986	\$ -	\$ 1,761,000	\$ 1,818,000	\$ 1,878,000	\$ 1,939,000	\$ 2,002,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

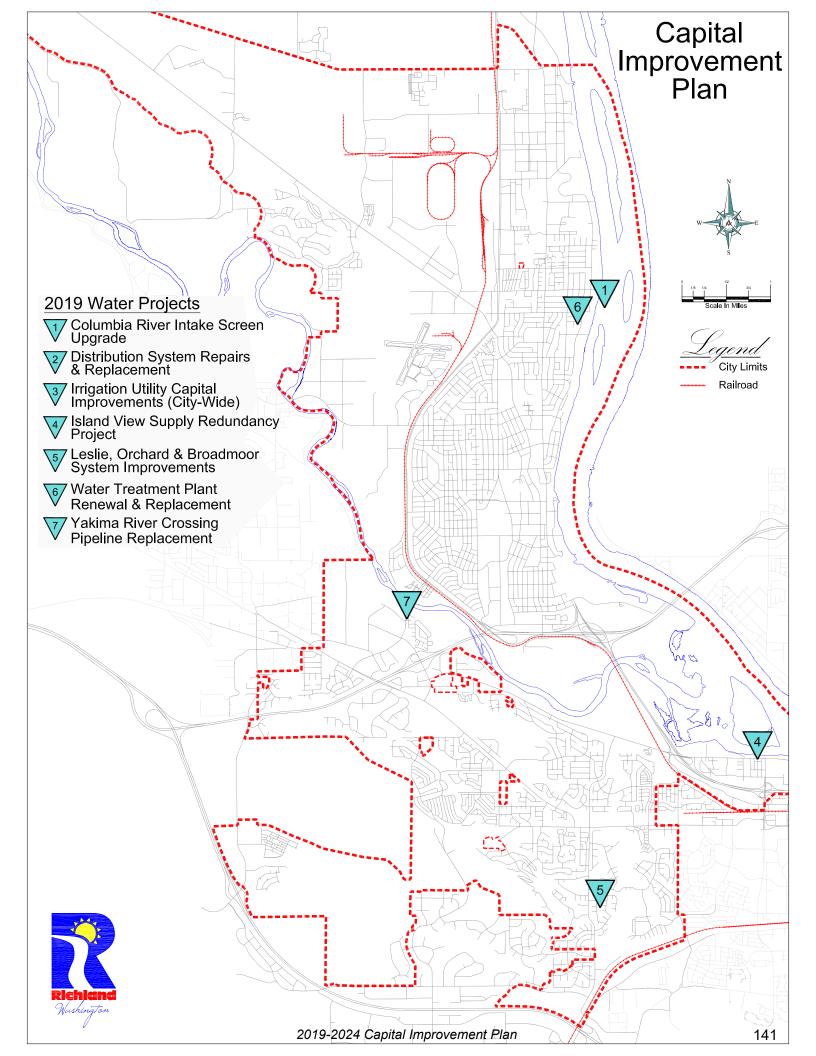
Wastewater Treatment Facility Renewal & Replacement Type of Project NO Wastewater Partnership Project? WW130006 Core Focus Area Strategic Leadership Plan Project? No Wastewater Treatment Facility Renewal & Replacement PROJECT NAME: Public Works Administration and Engineering PROIECT ADMINISTRATION: Wastewater Treatment Facility PROJECT LOCATION: Ongoing PROJECT TIMELINE: NO RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION This program protects the City's very large investment in its Wastewater Treatment Plant by completing timely renewal and replacement of components compromised by wear and tear. The program completes structural and mechanical rehabilitation, repair and replacement fo plant facilities and equipment to eliminate downtime and ensure continued effective wastewater treatment. 2019 work will include a retrofit of aeration basin #2 and replacement of the motor control center in the digester building. PROJECT ASSUMPTIONS The program relies on adequate funding from user rates and new connections. Maintenance record data and regular inspections by plant staff are utilized to prioritize ongoing repairs and replacements. A process engineering consultant, retained in 2018, will assist in analysis of operations challenges that may be related to system deficiencies. This program relies on adequate rate revenue to support it. **BENEFITS** Planned repairs and equipment replacement to the 30+ year old plant will maintain overall plant reliability, retain/increase plant capacity and avert emergency outages and repair efforts.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	7,924,369 - -	3,563,287	661,082	568,000	587,000	606,000	626,000	646,000	667,000
TOTAL	\$ 7,924,369	\$ 3,563,287	\$ 661,082	\$ 568,000	\$ 587,000	\$ 606,000	\$ 626,000	\$ 646,000	\$ 667,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
WASTEWATER RATE REVENUE WASTEWATER FACILITY FEE REVENUE	5,624,369 2,300,000 - -	3,363,287 200,000	361,082 300,000	268,000 300,000	287,000 300,000	306,000 300,000	326,000 300,000	346,000 300,000	367,000 300,000
TOTAL	\$ 7,924,369	\$ 3,563,287	\$ 661,082	\$ 568,000	\$ 587,000	\$ 606,000	\$ 626,000	\$ 646,000	\$ 667,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE									
DESCRIPTION	2019	CODING							
CAPITAL ITEM	568,000	403-421-0006-594522-6403							
TOTAL	\$ 568,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE							



Water





Capital Improvement Plan 2019 thru 2024

Water Projects

Department	Project #	\$ through 2017	Budget Rem. 2018	2019	2020	2021	2022	2023	2024	Total
Water										
PROJECT COSTS										
Automatic Meter Reading System	WA160001	0	3,235,000	0	1,800,000	0	0	0	0	5,035,000
Chief Joseph Middle School Irrigation Well	WA150010	C	150,000	0	0	0	0	0	0	150,000
Columbia River Intake Screen Upgrade	WA160002	0	200,000	100,000	4,330,000	0	0	0	0	4,630,000
Core 545 Zone Surge Analyses	WA170001	C	0	0	0	100,000	896,000	0	0	996,000
Distribution System Repairs & Replacement	WA130002	29,471,891	368,876	500,000	850,000	350,000	597,000	615,000	350,000	33,102,767
Irrigation Utility Capital Improvements	WA130003	1,402,067	839,662	200,000	100,000	100,000	100,000	100,000	100,000	2,941,729
Island View Supply Redundancy Project	WA160006	0	0	25,000	385,000	0	0	0	0	410,000
Leslie, Orchard & Broadmoor System Improvements	WA180001	C	0	350,000	0	0	0	0	0	350,000
Tapteal I Pump Station Upgrade	WA160010	C	0	0	0	500,000	0	0	1,647,000	2,147,000
Water Treatment Plant Pumping Capacity Improvements	WA170002	C	0	0	0	0	0	766,000	0	766,000
Water Treatment Plant Renewal & Replacement	WA130007	2,664,911	1,037,858	375,000	50,000	350,000	50,000	350,000	50,000	4,927,769
Yakima River Crossing Pipeline Replacement	WA130008	158,500	2,907,750	1,136,365	1,086,365	0	0	0	0	5,288,980
	Water Total:	33,697,369	8,739,146	2,686,365	8,601,365	1,400,000	1,643,000	1,831,000	2,147,000	60,745,245
FUNDING SOURCES										
Bonds - Future Rate Issue		C	0	0	4,330,000	0	0	0	0	4,330,000
Bonds - Prior Issue		5,243,509	1,020,690	1,636,365	1,936,365	0	0	0	0	9,836,929
Facility Fees		35,000	75,000	25,000	385,000	250,000	0	0	1,647,000	2,417,000
Grant - FEMA		106,241	1,887,060	0	0	0	0	0	0	1,993,301
Grant - Supplemental/Federal		503,000	0	0	0	0	0	0	0	503,000
Public Works Trust Fund Loan		15,525,414	0	0	0	0	0	0	0	15,525,414
Rate Revenue		12,284,205	5,706,396	1,025,000	1,950,000	900,000	1,643,000	1,831,000	500,000	25,839,601
Richland School District		0	50,000	0	0	0	0	0	0	50,000
West Richland		0	0	0	0	250,000	0	0	0	250,000
	Water Total:	33,697,369	8,739,146	2.686.365	8,601,365	1,400,000	1.643.000	1.831.000	2.147.000	60,745,245

	Aut	omate	ed Me	eter I	Readi	ng Sy	ysten	ı		
Type of Project Water	Partner	ship Project?	NO					Proje WA16		
Core Focus Area		Strategic Lea	adership Pla	n Project?	No			WAIO)
PROJECT NAME:	Automated Meter Rea	ding System				•				
PROJECT ADMINISTRAT	Public Works	Administratio	n and Engi	neering						
PROJECT LOCATION:	Water meters through	out Richland								
PROJECT TIMELINE:	2018-2020]								
RESPONSE TO *GMA LEV	VEL OF SERVICE? NO	Ī								
				CT DESC						
This project will leak detection eq	convert the City's wate uipment.	r meters with	technology	to automat	e meter rea	ding. The p	roject Will a	Also include (enhanced s	ystem
			PROJE	CT ASSU	MPTIONS					
moving forward.	nned to complement the	le Breenie Gu	nty o omarc	Chu man	arcea mee.	ang minusu	acture proj	ect und depe	ras on the	r project
				BENEFIT	S					
The project will i	mprove meter reading	accuracy, wat	·	nanagemen Authorized	t and leak d	letection, an	d customer	service.	ı	
PROJECT	COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION M CONSTRUCTION 10% CONTINGENC' OTHER ENG. SERV	Y	235,000 - 4,800,000 - -	-	235,000 3,000,000		1,800,000				
	TOTAL	\$ 5,035,000	\$ - Project	\$3,235,000 Authorized	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDE	D FUNDING SOURCES	Total Estimated Project Revenues	Revenue To- Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
WATER RATE REVE	ENUE	5,035,000	- -	3,235,000		1,800,000				
	TOTAL	\$ 5,035,000	\$ -	\$3,235,000	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -
	MAINTENANCE COSTS MPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024

Chief Jos	seph Middle School Irriga	tion Well
Type of Project Water Partn	ership Project? YES	Project #
Turk	1126 113jeci. 1226	WA150010
Core Focus Area 2	Strategic Leadership Plan Project? No	
PROJECT NAME: Chief Joseph Middle	School Irrigation Well	
PROJECT ADMINISTRATION: Public Works	s Administration and Engineering	
PROJECT LOCATION: Chief Joseph Middle	School	
PROJECT TIMELINE: 2019		
RESPONSE TO *GMA LEVEL OF SERVICE?		
	PROJECT DESCRIPTION	
. ,	staff to provide non-potable irrigation water to large turf	
irrigation to the Chief Joseph Middle S	School property located at the corner of Stevens Drive, Wils	son Street and Jadwin Avenue.

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. Activating underutilized portions of the City's water rights extends capacity for future growth. This is not driven by a near term scarcity of water rights, but is a long term strategy to avoid the increasingly costly process of acquiring new water rights. In terms of facilities the City's Water Treatment Plant and North Richland Slow Sand Facility provide adequate capacity for anticipated demands. These facilities are utilized to approximately 70% of rated capacity by current summer time peak demands. By removing large turf area irrigation demands from this system these facilities will retain capacity for future growth. The project will also benefit the Richland School District by reducing water costs.

School Bibliet by reddenig water costs									
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
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 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
RICHLAND SCHOOL DISTRICT	50,000		50,000						
IRRIGATION UTILITY RATE REVENUE	25,000		25,000						
WATER FACILITY FEES	75,000		75,000						
	_								
TOTAL	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
	_								
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

					_		_					
	Colun	nbia R	liver	Intak	e Sci	reen U	Jpgra	ıde				
Type of Project Water	Partner	ship Project?	NO]				Proje WA16				
Core Focus Area		Strategic Le	adership Pla	n Project?	No			WAIG	00002	7		
PROJECT NAME:	Columbia River Intake	Screen Upgra	ıde									
PROJECT ADMINISTRATI	Snyder Street Water Intake Structure											
PROJECT LOCATION:	Snyder Street Water In	take Structure	2									
PROJECT TIMELINE: RESPONSE TO *GMA LEV												
			PROJE	CT DESCE	RIPTION							
Corps of Enginee current inlet scree River as part of a	rs, as a condition of rene ening standards on the (large scale license renev	ewing the City City. The sam wal process. A	y's license a le condition	greement to s were impo	operate w sed on sev	ater withdra eral dozen c	wal on the other withd	Columbia Ri awal points	ver, is imp on the Col	osing umbia		
			PROJEC	CT ASSUM	IPTIONS	}						
	uired to maintain access ids. Issuance of revenue					n will depend	d on obtaini	ng environn	nental perr	nits and		
				BENEFIT	S							
	reserve the City's ability the Columbia River inta boat launch.											
PROJECT	COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date	Authorized Budget Remaining in	2019	2020	2021	2022	2023	2024		
DESIGN CONSTRUCTION MA CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVI		300,000 150,000 3,800,000 380,000	12/31/17	2018 200,000	100,000	150,000 3,800,000 380,000						
	TOTAL	\$ 4,630,000		\$ 200,000 Authorized	\$ 100,000	\$ 4,330,000	\$ -	\$ -	\$ -	\$ -		
RECOMMENDE	D FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Budget Remaining in	2019	2020	2021	2022	2023	2024		
WATER RATE REVE REVENUE BOND	NUE	300,000 4,330,000 -		200,000	100,000	4,330,000						
	TOTAL	\$ 4,630,000	\$ -	\$ 200,000	\$ 100,000	\$ 4,330,000	\$ -	\$ -	\$ -	\$ -		
	MAINTENANCE COSTS MPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024		
		-										
	TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
FOR FINANCE STAFF	USE ONLY ALL 2019 PR	OJECTS MUST HA		ND IDENTIFIED	AS CAPITAL/I	MAINTENANCE						
DESCRIPTION CAPITAL ITEM		2019 100,000	CODING 402-410-0006-594	4502-6403								

100,000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

		Co	re 545	Zon	e Sur	ge A	naly	ses			
Type of Project Water]	.	.				
Core Focus Area			Strategic Lea	adership Pla	n Project?	No			WAI	70001	
PROJECT NAME:	Water Syste	m Water H	lammer Mitig	gation							
PROJECT ADMINISTRAT	ion: Pub	lic Works A	Administratio	on and Engi	ineering						
Strategic Leadership Plan Project? No Project #WA170001											
Throughout the Richland core. Project WA170001 WA170001 WA170001											
RESPONSE TO *GMA LEV	EL OF SERVICE?										
				-							
pushes the existing	ng infrastruc	ture closer	to design star	ndards, ma	king the sys	stem more	vulnerable	e to water	hammer. T	his project	t will
				PROJECT	ASSUMP	TIONS					
			ies to grow th	nis project v	will be rema	in on the i	dentified s	chedule. A	A prelimin	ary evalua	tion in
				В	ENEFITS						
			alling the mit	tigating equ		l reduce th	ne risk of sy	ystem dam	age and p	rivate prop	perty
PROJECT	COST ESTIMAT	rE		To-Date	Budget Remaining in	2019	2020	2021	2022	2023	2024
CONSTRUCTION 10% CONTINGENCY	,		-					100,000	896,000		
	TOTAL		\$ 996,000			\$ -	\$ -	\$ 100,000	\$ 896,000	\$ -	\$ -
RECOMMENDE	D FUNDING SO	URCES		Revenue To-	Remaining in	2019	2020	2021	2022	2023	2024
WATER RATE REVE	NUE		996,000 - -		2018			100,000	896,000		
	TOTAL		. ,	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 896,000	\$ -	\$ -
	MAINTENANCE MPACTS)	COSTS	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024

Distribution System Renewal & Replacement Type of Project NO Water Partnership Project? WA130002 **Core Focus Area** Strategic Leadership Plan Project? No Distribution System Renewal & Replacement PROIECT NAME: Public Works Administration and Engineering PROJECT ADMINISTRATION: Throughout Richland PROJECT LOCATION: PROJECT TIMELINE Ongoing NO RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION This program preserves the City's large investment in its water distribution system by completing timely repairs and replacement of compromised components. The program repairs and replaces valves, pipelines and meters to maintain distribution system reliability and efficiency. The program will also replace galvanized service lines that are approaching the end of their service life. In addition, special focus is placed on areas scheduled for upcoming street resurfacing. PROJECT ASSUMPTIONS The program relies on adequate funding from user rates and new connections. Scheduled pavement preservation projects, leak survey data and maintenance records are utilized to prioritize ongoing repairs and replacement. **BENEFITS** This program extends the useful life of the water distribution system. Total Estimated Project Costs To-Budget 2020 2021 2022 2023 2024 PROJECT COST ESTIMATE 2019 **Project Cost** Date 12/31/17 Remaining in **DESIGN** 945,918 945,918 CONSTRUCTION MANAGEMENT 32.156.849 28.525.973 850.000 350.000 CONSTRUCTION 368.876 500.000 597.000 615.000 350.000 10% CONTINGENCY OTHER ENG. SERVICES \$ 368,876 \$ 500,000 \$ 850,000 \$ 350,000 \$ 597,000 \$ 615,000 \$ 350,000 TOTAL \$ 33,102,767 \$ 29,471,891 Total Estimated Project RECOMMENDED FUNDING SOURCES 2019 2020 2021 2022 2023 2024 To-Date 12/31/17 Remaining in Revenues 2018 WATER RATE REVENUE 11,301,103 9,020,227 368,876 350,000 597,000 615,000 350,000 FACILITIES FEES 35 000 35 000 PWTF LOAN 15,525,414 15,525,414 REVENUE BOND PROCEEDS 5,738,250 4,388,250 500,000 850,000 GRANT - SUPPLEMENT/FEDERAL 503,000 503 000 \$ 29,471,891 TOTAL \$ 33,102,767 \$ 368,876 \$ 500,000 \$ 850,000 \$ 350,000 \$ 597,000 \$ 615,000 \$ 350,000 **Total Estimated OPERATING & MAINTENANCE COSTS** Project Operating & Maint. Costs 2021 2024 2019 2020 2022 2023 (IMPACTS) TOTAL \$ \$ *FOR FINANCE STAFF USE ONLY** ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE DESCRIPTION 2019 CODING

500.000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

402-410-0006-594536-6403

Irrigation Utility Capital Improvements Type of Project Water Partnership Project? Project # WA130003 Core Focus Area Strategic Leadership Plan Project? No Irrigation Utility Capital Improvements PROIECT NAME: Public Works Administration and Engineering PROJECT ADMINISTRATION: Columbia Point, Horn Rapids, Willowbrook, Smart Park, Innovation Center, PROJECT LOCATION: PROJECT TIMELINE Ongoing NO RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION This program preserves the effectiveness and efficiency of non-potable water delivery systems. The program repairs and replaces pumps, motors, valves, and pipelines in order to maintain the irrigation pumping and distribution system. In 2019 the 400 area pump station electric and pump upgrades are planned. Also, Willowbrook Well pump rehabilitation will take place. **PROJECT ASSUMPTIONS** The program relies on adequate funding through irrigation user rates. Operation and 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 Costs Total Estimated Budget Remaining in To-Date 2021 2022 2023 2024 2019 2020 **PROJECT COST ESTIMATE Project Cost** 12/31/17 DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 2,941,729 839,662 100,000 1.402.067 200.000 100.000 100.000 100.000 100.000 10% CONTINGENCY OTHER ENG. SERVICES \$ 839,662 \$ 200,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 TOTAL \$ 2,941,729 \$ 1,402,067 Project **Total Estimated** Budget Revenue To-RECOMMENDED FUNDING SOURCES 2019 2020 2021 2022 2023 2024 **Project Revenues** Remaining in Date 12/31/17 2018

FOR FINANCE STAFF USE ONLY ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE											
DESCRIPTION	2019	CODING									
CAPITAL ITEM	200,000	402-410-0006-594507-6403									
TOTAL	\$ 200,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE									

839,662

599.067

803.000

200,000

2019

100,000

2020

\$ 1,402,067 \$ 839,662 \$ 200,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000

100,000

2021

100,000

2022

100,000

2023

100,000

2024

2,138,729

\$ 2,941,729

Total Estimated

Project Operating 8

803.000

IRRIGATION UTILITY RATE REVENUE

TOTAL

OPERATING & MAINTENANCE COSTS

(IMPACTS)

TOTAL

REVENUE BOND ISSUE

	Island V	iew Supply Red	lund	lancy F	Project
Type of Project Water	Partnersl	nip Project? NO			Project # WA160006
Core Focus Area 2		Strategic Leadership Plan Project?	No		
PROJECT NAME: IS	land View Supply Red	dundancy Project			
PROJECT ADMINISTRATION:	Public Works A	dministration and Engineering			
PROJECT LOCATION: St	eptoe Street and Tapt	eal Drive area			
PROJECT TIMELINE: 20)19 - 2020				
RESPONSE TO *GMA LEVEL O	OF SERVICE?				
		PROJECT DESCRIP	TION		
This project will im	prove water supply re	esiliency to the Island View area. It	will includ	le construction	of a second supply route to the

This project will improve water supply resiliency to the Island View area. It will include construction of a second supply route to the Island View area since the area is currently provided water service through a single pipeline and pressure reducing station near Columbia Park Trail. This project will install a pressure reducing station near the intersection of Steptoe Street and Tapteal Drive, thus improving the supply reliability to the Island View area. Approximately 700 LF of 8" diameter main is proposed in Steptoe Street, from Canyon Street to Tapteal Drive, where the pressure reducing station will be installed.

PROJECT ASSUMPTIONS

The project schedule will work best if aligned with street improvements and development projects in the Steptoe - Tapteal area. Design work for the intersection began in 2018, but construction of the intersection improvement at Steptoe Street and Tapteal Drive will coincide with development plans in the area. The project will require an easement or permit from the Port of Benton and the Tri-City Railroad. If the street improvement project does not occur this project will be deferred because the supply redundancy improvement is not considered critical, but only a desirable system enhancement.

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	25,000 - 385,000 - -			25,000	385,000				
TOTAL	\$ 410,000	\$ -	\$ -	\$ 25,000	\$ 385,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
WATER FACILITY FEE REVENUE	410,000			25,000	385,000				
TOTAL	\$ 410,000	\$ -	\$ -	\$ 25,000	\$ 385,000	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY ALL 2019 PH	ROJECTS MUST I	HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION	2019	CODING
CAPITAL ITEM	25,000	402-410-0006-594504-6403
TOTAL	\$ 25,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

Les	lie, Orcha	rd & E	Broad	moor	Sys	tem l	lmpr	oven	nent	S			
Type of Project Water	Partner	ship Project?	NO					Proj WA1	ect # 80001]			
Core Focus Area 2		Strategic Le	adership Pla	n Project?	No								
PROJECT NAME:	Leslie, Orchard & Broa	ndmoor Syste	m Improve	ments									
PROJECT ADMINISTRAT	Public Works	Administratio	on and Engi	neering									
PROJECT LOCATION:	Leslie Road between E of Greenview Drive ar			•	Orchard V	Nay east							
PROJECT TIMELINE:	2019												
RESPONSE TO *GMA LE	VEL OF SERVICE? YES												
PROJECT DESCRIPTION													
his project was developed as part of the 2017 Water System Plan to resolve areas that may experience low service pressures as the new ustomers are added to the water system. The additional demands of new customers elsewhere on the system are anticipated to create ervice pressure deficiencies in this area. The Plan's computer modeling indicated that demand growth on the water system will expose he effected services to substandard pressure if the system is not modified. This project will remove, upsize and replace water line in eslie Road, install approximately 200 LF of 8" water main in Orchard Way and 800 LF of 8" water main in Broadmoor Street.													
PROJECT ASSUMPTIONS The project will require adequate funding and staff time.													
			В	ENEFITS									
	improve water pressur	Total Estimated	Project Costs	Authorized Budget	erience sub	estandard p	2021	2022	2023	2024			
DESIGN CONSTRUCTION M CONSTRUCTION 10% CONTINGENC	ANAGEMENT	25,000 20,000 275,000 30,000	12/31/17	Remaining in 2018	25,000 20,000 275,000 30,000	2020	2021	2022	2023	2024			
	TOTAL	\$ 350,000	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -			
RECOMMENDE	D FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-	Authorized Budget Remaining in	2019	2020	2021	2022	2023	2024			
WATER RATE REVI		350,000	Date 12/31/17	2018	350,000								
	TOTAL	\$ 350,000	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -			
	MAINTENANCE COSTS MPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024			
		<u>-</u>											
FOR FINANCE STAR DESCRIPTION CAPITAL ITEM	TOTAL FF USE ONLY ALL 2018 F	\$ - ROJECTS MUST 2019 350,000	HAVE CODING CODING 402-410-0006-594		\$ -	· ·	\$ -	\$ -	\$ -				

Tapteal I Booster Pump Station U	Jpgrade
Type of Project Water Partnership Project? YES	Project # WA160010
Core Focus Area Strategic Leadership Plan Project? No	
Tapteal I Booster Pump Station Upgrade	
Project administration: Public Works Administration and Engineering	
PROJECT LOCATION: City Shops	
PROJECT TIMELINE: 2021-2024	
RESPONSE TO *GMA LEVEL OF SERVICE? YES	
PROJECT DESCRIPTION	

The project will replace pump station equipment to provide increased capacity and efficiency to meet the water supply needs of growth in south Richland and the City of West Richland. The City of West Richland has committed to partner with Richland for this project. Initial improvements will be completed in 2021 with major construction to occur in 2024.

PROJECT ASSUMPTIONS

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

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	50,000 50,000 2,007,000 40,000					50,000 50,000 360,000 40,000			1,647,000
TOTAL	\$ 2,147,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 1,647,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
WATER FACILITY FEES CITY OF WEST RICHLAND	1,897,000 250,000 -					250,000 250,000			1,647,000
TOTAL	\$ 2,147,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 1,647,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	ı	\$	\$ -	\$ -	\$	\$ -	\$ -

Water Treatment Plant Pumping Capacity Improvements Type of Project Water Partnership Project? WA170002 **Core Focus Area** Strategic Leadership Plan Project? No Water Treatment Plant Pumping Capacity Improvements PROIECT NAME: Public Works Administration and Engineering PROJECT ADMINISTRATION: Water Treatment Plant PROJECT LOCATION: PROIECT TIMELINE: NO RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION This project will enhance the reliability and supply capacity of the water treatment plant as system demand grows. The installation of a new pump with a variable frequency drive in the finished water pump room of the water treatment plant. The plant currently has seven operating pumps, one with a variable frequency drive. The variable frequency drive-equipped pump results in steady system pressure and smooth water treatment operations. With only one variable frequency equipped pump the system is vulnerable to failure of this one unit. In addition the loss of any pump would compromise the ability of the plant to deliver peak flow when needed. As system demand grows these vulnerabilities will become more impactful. This project will mitigate those risks by adding a variable-frequency drive equipped pump to the finished water pump room. PROJECT ASSUMPTIONS The project assumes that system demand grows as projected and that the North Richland Slow Sand Facility continues to provide reliable water supply. If the North Richland Slow Sand Facility is compromised this project would become more critical. If demand growth slows this project could be deferred. **BENEFITS** Improves the capacity and reliability of the plant and continuity of operations during an extended equipment failure at the plant. Project Costs Total Estimated -To-Date **PROJECT COST ESTIMATE** 2019 2020 2021 2022 2023 2024 **Project Cost DESIGN** CONSTRUCTION MANAGEMENT CONSTRUCTION 766 000 766.000 10% CONTINGENCY OTHER ENG. SERVICES TOTAL 766,000 \$ - \$ 766,000 \$ **Total Estimated** Revenue To-2019 2020 2021 2022 2023 2024 RECOMMENDED FUNDING SOURCES Project Revenues Date 12/31/17 WATER RATE REVENUE 766,000 766,000 TOTAL - \$ 766,000 \$ \$ 766 000 \$ \$ \$ **OPERATING & MAINTENANCE COSTS Total Estimated** Project Operating 2023 2019 2020 2021 2022 2024 (IMPACTS)

\$

\$

\$

\$

TOTAL

\$

Water Tr	eatment	Plant	Ren	ewa	l & R	Repla	cem	ent	
Type of Project Water	Partnership Project?	NO]				Proj WA1		
Core Focus Area	Strategic Lea	adership Pla	n Project?	No					
PROJECT NAME: Water Treatmen	nt Plant Renewal & I	Replacemen	nt						
PROJECT ADMINISTRATION: Public V	Works Administratio	n and Engi	neering						
PROJECT LOCATION: Water Plant & V	Water Facilities thro	ughout Rich	nland						
PROJECT TIMELINE: Ongoing									
RESPONSE TO *GMA LEVEL OF SERVICE?	NO								
		-	DESCRIE						
This program preserves the City's compromised elements. The progwater plant facility and infrastruct painting and a project to replace a	gram completes structure. In 2019, staff w	ctural, mecl vill prioritiz	hanical, and e between v	control sy vater treat	stems reh ment plant	abilitation,	repair and	d replacem	ent of
		PROJECT	ASSUMP	TIONS					
The program relies on adequate f	unung mom user ra	tes and new	Connection	is and the	avanabini	y of staff th	me.		
			ENEFITS						
The City's Saint Street Water Trea and several other smaller water to preserve and extend the effective	reatment plants are v	rital to deliv							
PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	4,927,769 - -	2,664,911	1,037,858	375,000	50,000	350,000	50,000	350,000	50,000
TOTAL	\$ 4,927,769	\$ 2,664,911	\$ 1,037,858 Authorized	\$ 375,000	\$ 50,000	\$ 350,000	\$ 50,000	\$ 350,000	\$ 50,000
RECOMMENDED FUNDING SOURCE	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
WATER RATE REVENUE	4,927,769 - -	2,664,911	1,037,858	375,000	50,000	350,000	50,000	350,000	50,000
TOTAL	\$ 4,927,769	\$ 2,664,911	\$ 1,037,858	\$ 375,000	\$ 50,000	\$ 350,000	\$ 50,000	\$ 350,000	\$ 50,000
OPERATING & MAINTENANCE COS (IMPACTS)	STS Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

375,000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE

19 **CODING** 375,000 402-410-0006-594505-6403

2019

FOR FINANCE STAFF USE ONLY
DESCRIPTION
CAPITAL ITEM

•	Yakima R	River Crossing P	ipeli	ne Re	eplace	ement	
Type of Project Water	Partners	ship Project? NO	··			Project # WA130008	
Core Focus Area 2		Strategic Leadership Plan Project?	No				
PROJECT NAME:	akima River Crossing	g Pipeline Replacement					
PROJECT ADMINISTRATIO	N: Public Works A	Administration and Engineering					
PROJECT LOCATION:	ouportail Street and B	ridge					
PROJECT TIMELINE: 20	017 - 2021						
RESPONSE TO *GMA LEVEL	OF SERVICE? NO						
		PROJECT DESCI	RIPTION				

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

The project is partially funded through a grant funding agreement with FEMA and relies on the availability of those funds.

be phased with the Duportail Bridge project.

BENEFITS

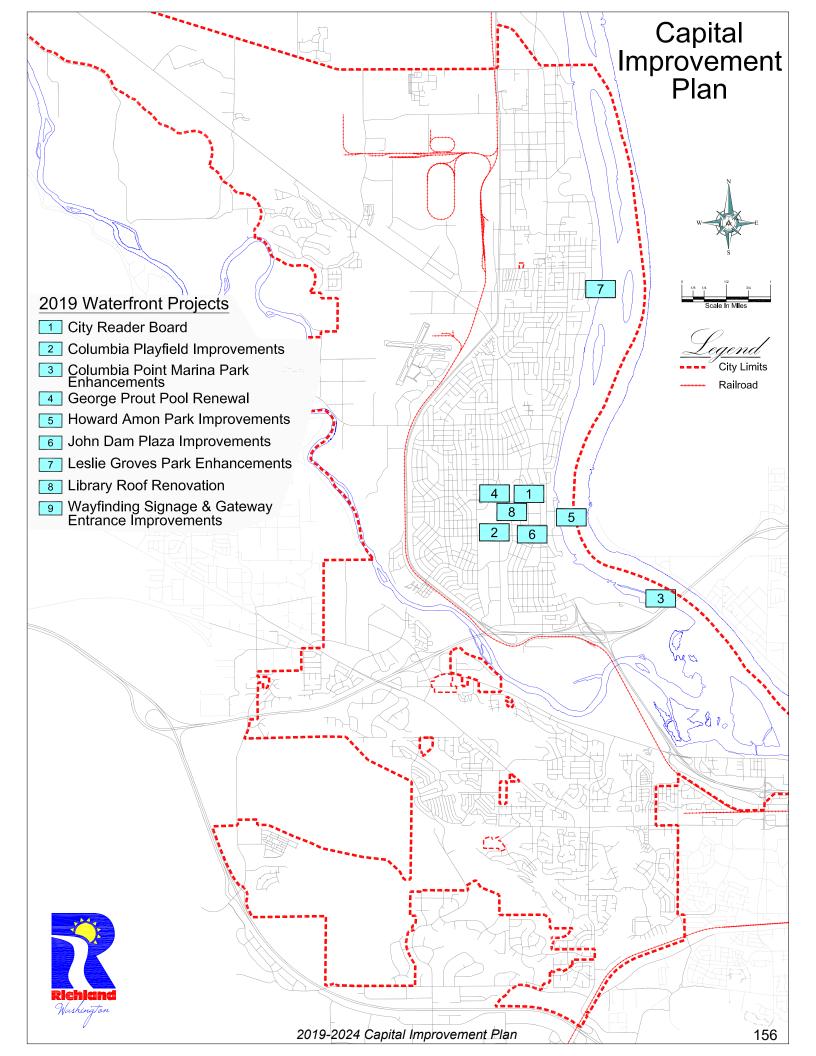
The replacement water line will ensure continued reliable water supply to the portion of the City south of the Yakima River and will extend this crossing's capacity to support anticipated growth in south Richland and West Richland. If the project is not completed the existing pipeline in the bed of the Yakima River will remain in service and remain vulnerable to damage.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN	215,000	158,500	6,500	50,000					
CONSTRUCTION MANAGEMENT	260,000	-	150,000	55,000	55,000				
CONSTRUCTION 10% CONTINGENCY	4,391,600	-	2,516,250	937,675	937,675 93,690				
OTHER ENG. SERVICES	422,380	-	235,000	93,690	93,690				
OTHER ENG. SERVICES	_								
TOTAL	\$ 5,288,980	\$ 158,500	\$2,907,750	\$ 1,136,365	\$1,086,365	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
GRANT - FEMA REVENUE BOND	1,993,301 3,295,679	106,241 52,259	1,887,060 1,020,690	1,136,365	1,086,365				
TOTAL	- - -	₾ 450.500	¢2 007 750	¢ 1 126 265	¢4 006 265	Φ	¢.	¢.	Φ.
IOTAL	\$ 5,288,980	\$ 158,500	\$2,907,750	\$ 1,136,365	\$1,086,365	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY	ALL 2019 PROJECTS MUS	T HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION	2019	CODING
CAPITAL ITEM	1,136,	65 402-410-0006-594554-6403
TOTAL	\$ 1,136,	65 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE



Waterfront





Capital Improvement Plan 2019 thru 2024

Waterfront Projects

Vaterfront PROJECT COSTS ity Reader Board olumbia Playfield Improvements olumbia Point Marina Park Enhancements olumbia Pt. Golf Course Clubhouse Modernization & Course approvements ire Station 71 - Replacement Station eorge Prout Pool Renewal oward Amon Park Improvements ohn Dam Plaza Improvements esile Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement layfinding Signage & Gateway Entrance Improvements	WF180001 WF140007 WF150015 WF160003 WF140004 WF170001 WF140011 WF140008 WF160002 WF180002 WF180002 WF140010 WF140003 WF140012 Waterfront Total:	2017 0 1,403,958 722,846 266,000 0 365,400 1,475,894 0 0 90,000 3,258,979 352,311 7,935,388	183,000 350,000 30,000 0 200,000 200,000 0 0 30,000 15,560,786 450,000	170,000 60,000 410,000 0 0 20,000 320,000 120,000 450,000 0 0 320,000 1,895,000	0 0 450,000 0 130,000 450,000 250,000 0 0 330,000	0 330,000 300,000 0 0 590,000 200,000 350,000 0	0 0 0 0 0 390,000 200,000 0 0	0 0 0 0 0 5,300,000 0 0 200,000 0 0	0 0 0 600,000 0 0 200,000 0	170,000 1,976,955 2,232,846 896,000 5,300,000 350,000 2,315,400 2,550,894 470,000 450,000 18,819,765
ity Reader Board olumbia Playfield Improvements olumbia Point Marina Park Enhancements olumbia Pt. Golf Course Clubhouse Modernization & Course aprovements ire Station 71 - Replacement Station eorge Prout Pool Renewal oward Amon Park Improvements ohn Dam Plaza Improvements essile Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement (ayfinding Signage & Gateway Entrance Improvements	WF140007 WF150015 WF160003 WF140004 WF170001 WF140011 WF140008 WF160002 WF180002 WF140010 WF140003 WF140003	1,403,958 722,846 266,000 0 0 365,400 1,475,894 0 90,000 3,258,979 352,311	183,000 350,000 30,000 0 200,000 200,000 0 0 30,000 15,560,786 450,000	60,000 410,000 0 0 20,000 320,000 25,000 120,000 450,000 0 320,000	0 450,000 0 130,000 450,000 250,000 0 0 330,000	330,000 300,000 0 0 0 590,000 200,000 0 0	0 0 0 0 390,000 200,000 0 0	5,300,000 0 0 5,300,000 0 200,000 0 0	0 0 600,000 0 0 200,000 0 0	1,976,95 2,232,84 896,00 5,300,00 350,00 2,315,40 2,550,89 470,00 450,00 18,819,76
olumbia Playfield Improvements olumbia Point Marina Park Enhancements olumbia Pt. Golf Course Clubhouse Modernization & Course aprovements ire Station 71 - Replacement Station eorge Prout Pool Renewal oward Amon Park Improvements ohn Dam Plaza Improvements eselie Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement //ayfinding Signage & Gateway Entrance Improvements	WF140007 WF150015 WF160003 WF140004 WF170001 WF140011 WF140008 WF160002 WF180002 WF140010 WF140003 WF140003	1,403,958 722,846 266,000 0 0 365,400 1,475,894 0 90,000 3,258,979 352,311	183,000 350,000 30,000 0 200,000 200,000 0 0 30,000 15,560,786 450,000	60,000 410,000 0 0 20,000 320,000 25,000 120,000 450,000 0 320,000	0 450,000 0 130,000 450,000 250,000 0 0 330,000	330,000 300,000 0 0 0 590,000 200,000 0 0	0 0 0 0 390,000 200,000 0 0	5,300,000 0 0 5,300,000 0 200,000 0 0	0 0 600,000 0 0 200,000 0 0	1,976,95 2,232,84 896,00 5,300,00 350,00 2,315,40 2,550,89 470,00 450,00 18,819,76
olumbia Point Marina Park Enhancements olumbia Pt. Golf Course Clubhouse Modernization & Course approvements are Station 71 - Replacement Station eorge Prout Pool Renewal oward Amon Park Improvements ohn Dam Plaza Improvements estile Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement (ayfinding Signage & Gateway Entrance Improvements	WF150015 WF160003 WF140004 WF170001 WF140011 WF140008 WF160002 WF180002 WF140010 WF140003 WF140012	722,846 266,000 0 365,400 1,475,894 0 90,000 3,258,979 352,311	350,000 30,000 0 200,000 200,000 0 0 30,000 15,560,786 450,000	410,000 0 20,000 320,000 25,000 120,000 450,000 0 320,000	450,000 0 130,000 450,000 250,000 0 0 330,000 0	300,000 0 0 0 590,000 200,000 0 0	0 0 0 390,000 200,000 0 0	5,300,000 0 0 0 200,000 0 0 0	0 600,000 0 0 0 200,000 0 0	2,232,84 896,00 5,300,00 350,00 2,315,40 2,550,89 470,00 450,00 18,819,76
olumbia Pt. Golf Course Clubhouse Modernization & Course inprovements are Station 71 - Replacement Station eorge Prout Pool Renewal oward Amon Park Improvements ohn Dam Plaza Improvements estile Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement (ayfinding Signage & Gateway Entrance Improvements	WF160003 WF140004 WF170001 WF140011 WF140008 WF160002 WF180002 WF140010 WF140003 WF140012	266,000 0 365,400 1,475,894 0 90,000 3,258,979 352,311	30,000 0 200,000 200,000 0 0 30,000 15,560,786 450,000	0 20,000 320,000 25,000 120,000 450,000 0 0	0 130,000 450,000 250,000 0 0 330,000 0	0 0 590,000 200,000 350,000 0	0 0 0 390,000 200,000 0 0	5,300,000 0 0 200,000 0 0 0	600,000 0 0 0 200,000 0 0	896,00 5,300,00 350,00 2,315,40 2,550,89 470,00 450,00 18,819,76
nprovements ire Station 71 - Replacement Station eorge Prout Pool Renewal oward Amon Park Improvements ohn Dam Plaza Improvements esile Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement /ayfinding Signage & Gateway Entrance Improvements	WF140004 WF170001 WF140011 WF140008 WF160002 WF180002 WF140010 WF140003 WF140012	0 365,400 1,475,894 0 90,000 3,258,979 352,311	0 200,000 200,000 0 0 30,000 15,560,786 450,000	0 20,000 320,000 25,000 120,000 450,000 0 0	0 130,000 450,000 250,000 0 0 330,000 0	0 0 590,000 200,000 350,000 0	0 0 390,000 200,000 0 0	5,300,000 0 0 200,000 0 0 0	0 0 0 200,000 0 0	5,300,00 350,00 2,315,40 2,550,89 470,00 450,00 48,000
eorge Prout Pool Renewal oward Amon Park Improvements ohn Dam Plaza Improvements esile Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement //ayfinding Signage & Gateway Entrance Improvements	WF170001 WF140011 WF140008 WF160002 WF180002 WF140010 WF140003 WF140012	0 365,400 1,475,894 0 90,000 3,258,979 352,311	200,000 200,000 0 0 0 30,000 15,560,786 450,000	20,000 320,000 25,000 120,000 450,000 0 320,000	130,000 450,000 250,000 0 0 330,000	0 590,000 200,000 350,000 0 0	0 390,000 200,000 0 0	0 0 200,000 0 0 0	0 0 200,000 0 0 0	350,00 2,315,40 2,550,89 470,00 450,00 450,00
oward Amon Park Improvements shin Dam Plaza Improvements esile Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement /ayfinding Signage & Gateway Entrance Improvements	WF140011 WF140008 WF160002 WF180002 WF140010 WF140003 WF140012	365,400 1,475,894 0 90,000 3,258,979 352,311	200,000 0 0 0 30,000 15,560,786 450,000	320,000 25,000 120,000 450,000 0 0 320,000	450,000 250,000 0 0 330,000 0	590,000 200,000 350,000 0 0	390,000 200,000 0 0 0	0 200,000 0 0 0	0 200,000 0 0 0	2,315,400 2,550,894 470,000 450,000 450,000 18,819,76
ohn Dam Plaza Improvements esile Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement //ayfinding Signage & Gateway Entrance Improvements	WF140008 WF160002 WF180002 WF140010 WF140003 WF140012	1,475,894 0 0 90,000 3,258,979 352,311	0 0 0 30,000 15,560,786 450,000	25,000 120,000 450,000 0 0 320,000	250,000 0 0 330,000 0	200,000 350,000 0 0	200,000 0 0 0	200,000 0 0 0	200,000 0 0 0	2,550,89 470,00 450,00 450,00 18,819,76
eslie Groves Park Enhancements brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement /ayfinding Signage & Gateway Entrance Improvements	WF160002 WF180002 WF140010 WF140003 WF140012	0 90,000 3,258,979 352,311	0 0 30,000 15,560,786 450,000	120,000 450,000 0 0 320,000	0 0 330,000 0 0	350,000 0 0	0 0 0	0 0 0	0 0 0	470,000 450,000 450,000 18,819,769
brary Roof Renovation horeline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement /ayfinding Signage & Gateway Entrance Improvements	WF180002 WF140010 WF140003 WF140012	90,000 3,258,979 352,311	0 30,000 15,560,786 450,000	450,000 0 0 320,000	0 330,000 0 0	0 0 0	0 0 0	0 0	0 0 0	450,000 450,000 18,819,76
noreline Enhancement & Deferred Maintenance wift Corridor: City Hall Replacement /ayfinding Signage & Gateway Entrance Improvements	WF140010 WF140003 WF140012	90,000 3,258,979 352,311	30,000 15,560,786 450,000	0 0 320,000	330,000 0 0	0	0	0	0	450,000 18,819,76
wift Corridor: City Hall Replacement /ayfinding Signage & Gateway Entrance Improvements	WF140003 WF140012	3,258,979 352,311	15,560,786 450,000	0 320,000	0	0	0	0	0	18,819,76
/ayfinding Signage & Gateway Entrance Improvements	WF140012	352,311	450,000	320,000	0					
/ayfinding Signage & Gateway Entrance Improvements	WF140012	352,311	450,000	320,000		0	0	•		
					1 /10 000			0	0	1,122,31
TINIDING COURSE					1,610,000	1,770,000	590,000	5,500,000	800,000	37,104,17
UNDING SOURCES										
ond Proceeds		15,168,049	0	0	0	0	0	0	0	15,168,04
onds - Future Rate Issue		0		0	0	0	0	5,300,000	0	5,300,00
usiness License Reserve Fund		181,894	50,000	0	50,000	50,000	0	0	0	331,89
DBG Funds		63,000		0	0	0	0	0	0	63,00
onations		160,000		0	0	0	0	0	0	160,00
eneral Fund		0		0	0	0	0	0	0	353,00
eneral Fund - Facility Reserves		458,660		0	0	0	0	0	0	458,660
rant		480,000		0	0	0	0	0	0	480,000
rant - RCO		235,400		150,000	0	170,000	0	0	0	555,40
rant (YAF)		203,846		0	0	0	0	0	0	203,84
rant Funds (Unsecured)		176,000		0	0	0	0	0	0	176,00
otel/Motel-Lodging Funds		979,183		965,000	500,000	250,000	200,000	200,000	200,000	3,624,18
		490,137			0	230,000	200,000	200,000	200,000	550,13
dustrial Development Fund		490,137		60,000	0	0	0	0	0	
and Sale (Swift & GWW)				0			-			111,20
brary Bond Reserve Fund		0		450,000	0	0	0	0	0	450,000
brary Const. Fund (Added Parking)		_	,	0	-	0	0	-	0	250,00
odging Tax Grant (Secured) IGO 98 Fund		771,775 0		0	0	0	0	0	0	771,77
		_	,	_	-	0	0	-	-	550,000
TGO Bond Fund		250,000		0	0	0	0	0	0	250,000
arks Reserve Fund (Undesignated)		217,500		0	30,000	0	0	0	0	357,500
arks Reserve-Park District 1		14.500		180,000	30,000	380,000	0	0	0	810,000
arks Reserve-Park District 2		14,500		0	0	0	0	0	0	14,50
rivate Funding		50,000		0	0	0	0	0	0	50,000
ublic Safety Sales Tax		20,000		0	0	0	0	0	0	20,000
EET-RE Excise Tax 1st 1/4%		920,374		20,000	370,000	670,000	0	0	0	2,360,37
EET-RE Excise Tax 2nd 1/4%		0		70,000	330,000	0	0	0	0	650,00
ight-of-Way Sale (Secured)		160,000		0	0	0	0	0	0	160,00
nfunded		0		0	300,000	250,000	390,000	0	600,000	1,540,00
tility Occ Tax Increase	Waterfront Total:	21,000,318		1,895,000	1,610,000	1,770,000	5 90,000	5,500,000	0 800,000	1,334,65° 37,104,174

								_				
			(City I	Reade	er Boa	r	d				
Type of Project Waterfront		Partnersh	ip Project?	NO	Waterf	ront Project?	YES	6			ect #	Į
Core Focus Area			Strategic Le	adership Plan	ı Project?	No				WFI	80001]
1	C' P 1 P	1			·]					
PROJECT NAME:	City Reader Boar											
PROJECT ADMINISTRATI												
PROJECT LOCATION:	Along George W	ashingt	on Way									
PROJECT TIMELINE:	2019											
RESPONSE TO *GMA LEV	EL OF SERVICE?	NO										
	der board to repla				ECT DESC							
				PROJE	ECT ASSU	MPTIONS	6					
Locate reader boo	ard at Howard Ar	non Par	rk Overlook.									
					BENEFI	TS						
The new reader b	ooard will provide	e better	graphics and	improved p	rograming (rapabilities.						
PROJECT	COST ESTIMATE		Total Estimated Project Cost	Project Costs To- Date 12/31/17	Budget Remaining in	2019	2	2020	2021	2022	2023	2024
CONSTRUCTION CONTINGENCY			150,000 20,000		2018	150,000 20,000						
	TOTAL		\$ 170,000	\$ -		\$ 170,000	\$	-	\$ -	\$ -	\$ -	\$ -
RECOMMENDE	ED FUNDING SOURC	ES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2	2020	2021	2022	2023	2024
HOTEL/MOTEL LOD	GING FUND		170,000 - - -		2016	170,000						
	TOTAL		\$ 170,000 Total Estimated	\$ -	\$ -	\$ 170,000	\$	-	\$ -	\$ -	\$ -	\$ -
	MAINTENANCE COS MPACTS)	TS	Project Operating & Maint. Costs			2019	2	2020	2021	2022	2023	2024
			2,900					500	500	500	700	700
	TOTAL		\$ 2,900	-	-	\$ -	\$	500	\$ 500	\$ 500	\$ 700	\$ 700
FOR FINANCE STAFF DESCRIPTION CAPITAL ITEM	FUSE ONLY ALL 2	2019 PROJ	2019 170,000	E CODING AND I CODING 380-337-0066-5967		CAPITAL/MAINT	TENAI	VCE				
	TOTAL		\$ 170,000	TOTAL MUST EQU	IAL PROJECT COS	STS FOR 2019 ABO	VE					

	Col	umbia	a Play	field	Imp	rover	nent	S		
Type of Project Waterfront			YES		ont Project?	YES]	Pro	ject # 40007	 [
Core Focus Area 5		Strategic L	eadership Pla	n Project?	Yes			VVF1	40007	
PROJECT NAME:	Columbia Playfield Im	provements			1]			
PROJECT ADMINISTRAT	Parks & Public	Facilities]			
PROJECT LOCATION:	Columbia Playfield, 15	00 Mansfield								
PROJECT TIMELINE:	2019-2021	1					1			
RESPONSE TO *GMA LEV	VEL OF SERVICE? YES		DD OIE	T DECCDI	DTION					
The Columbia Pl	layfields are a premier so	oftball comple		CT DESCRI local, regiona		nament use	rs. 2018- C	Completed r	enovation t	o Fields 1
	improved the basketbal om building with a more			lighting on F	Field 5. <u>20</u>	<u>19</u> - Recons	truct fields	2 & 3. <u>202</u>	<u>1</u> - replace t	he aging,
			PROJEC	T ASSUMI	PTIONS					
Receiving 2018 L	odging Tax grant.			DENIEGITO						
T		. 1 . 1		BENEFITS	1 1		··· · · ·	.1 .		
increase tourism	activity through tourna	ments nosted	at Columbia	i i iayileid. T	Iovide add	equate facili	nes for you	itii sports.	ı	
PROJECT	COST ESTIMATE	Total Estimated Project Cost		Authorized Budget Remaining in 2018		2020	2021	2022	2023	2024
DESIGN CONSTRUCTION M CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERV	Υ	1,976,958 - -	1,403,958	183,000	60,000		330,000			
	TOTAL	\$ 1,976,958	\$ 1,403,958	\$ 183,000	\$ 60,000	\$ -	\$ 330,000	\$ -	\$ -	\$ -
RECOMMENDE	ED FUNDING SOURCES	Total Estimated Project Revenues		Authorized Budget Remaining in 2018		2020	2021	2022	2023	2024
RIGHT-OF-WAY SAI LODGING TAX GRA PRIVATE FUNDING LODGING TAX GRA RCO GRANT RE EXCISE TAX 15' CDBG GRANT PARK DISTRICT 1 GENERAL FUND	NT (SECURED)	160,000 771,775 50,000 289,183 150,000 300,000 63,000 90,000 103,000	160,000 771,775 50,000 209,183 150,000 63,000	80,000	60,000		300,000 30,000			
	TOTAL	\$ 1,976,958	\$ 1,403,958	\$ 183,000	\$ 60,000	\$ -	\$ 330,000	\$ -	\$ -	\$ -
	MAINTENANCE COSTS IMPACTS)	Total Estimated Project Operating & Maint. Costs 2,850			2019 350	2020 400	2021 450	2022 500	2023 550	2024 600
	TOTAL	\$ 2,850	_	-	\$ 350	\$ 400	\$ 450	\$ 500	\$ 550	\$ 600
**FOR FINANCE STAF		ROJECTS MUST HA					Ψ 450	ψ 500	_ ψ 550	Ψ 000
CAPITAL ITEM			380-337-0066-5947	783-6403						

60,000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

	Colum	bia Point N	[arina]	Park	Enha	ncen	nents	
Type of Project Waterfront	Par	tnership Project? NO	Waterfro	ont Project?	YES		Project # WF150015	
Core Focus Area 5		Strategic Leadership	Plan Project?	Yes		L		
PROJECT NAME:	Columbia Point Ma	rina Park Enhancements						
PROJECT ADMINISTRATION	on: Parks & Pub	olic Facilities						
PROJECT LOCATION:	Columbia Point Ma	rina Park						
PROJECT TIMELINE:	2016 - 2021							
RESPONSE TO *GMA LEVI	EL OF SERVICE?	0						
		PRO	JECT DESCRI	IPTION				
Columbia Point N	Marina Park is the Cit	ty's top rated marina and	is located in the	e heart of C	Columbia Poi	nt. Use of tl	he marina has grown	steadily

over the years along with the development of neighborhood restaurants and hotels. The park master plan calls for certain amenities to serve park users beginning with the addition of a lighted sports field in 2017. 2018: replace an undersized and failing sewer lift station that serves the public bathrooms and boat pump out facilities. 2019: replace an aging playground and begin environmental and a cultural resource study to widen the marina opening. 2020: widen the opening to accommodate marina traffic and large vessels and construct a covered multi-use

Receive state BIG TIER 1 grant for dock development. Use the Industrial Development Fund to fund a project to replace state funded parkland that was converted to private use for LuLu's restaurant. The required project will satisfy the previous state investment by widening the marina opening.

BENEFITS

New docks will improve the appearance and safety of the marina and a wider marina opening will increase marina capacity. A new playground will provide a unique play experience.

pavilion. 2021: construct a new commercial dock as an expansion to the existing commercial dock.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CONSTRUCTION	2,092,846	722,846	350,000	350,000	400,000	270,000			
PLANNING CONTINGENCY	60,000 80,000			60,000	50,000	30,000			
	-								
TOTAL	\$ 2,232,846	\$ 722,846	\$ 350,000	\$ 410,000	\$ 450,000	\$ 300,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
GRANT (YAF)	203,846	203,846			050.000	000 000			
RE EXCISE TAX 1ST 1/4% RE EXCISE TAX 2ND 1/4%	804,000 150,000	254,000	150,000		250,000	300,000			
RCO BIG TIER 1 GRANT	180,000	180.000	130,000						
INDUSTRIAL DEVELOPMENT FUND	60,000	100,000		60,000					
UNDESIGNATED PARK RESERVE	20,500	20,500		,					
PARKS RESERVE DISTRICT 2	14,500	14,500							
HOTEL/MOTEL LODGING FUNDS	800,000	50,000	200,000	350,000	200,000		_		
TOTAL	\$ 2,232,846	\$ 722,846	\$ 350,000	\$ 410,000	\$ 450,000	\$ 300,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
	_								
	_								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY	ALL 2019 PROJ	JECTS MUST HA	VE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE
DESCRIPTION		2019	CODING
CAPITAL ITEM		410,000	380-337-0066-596797-6403
TOTAL	\$	410,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

Columbia Pt. Golf Course Clubhouse Modernization & Co	ourse Improvements
Type of Project Waterfront Partnership Project? NO Waterfront Project? YES	Project # WF160003
Core Focus Area Strategic Leadership Plan Project? Yes	
PROJECT NAME: Columbia Pt. Golf Course Clubhouse Modernization & Course Improvements	
PROJECT ADMINISTRATION: Parks & Public Facilities	
PROJECT LOCATION: Columbia Point Golf Course	
PROJECT TIMELINE: 2018 - 2024	
RESPONSE TO *GMA LEVEL OF SERVICE?	
PROJECT DESCRIPTION	

A 10-year management agreement with the Columbia Point Golf Course operator (CourseCo) includes a required contribution of \$75,000 from the operator, or up to \$100,000 if the City provides a matching \$100,000 for clubhouse and course improvements in an effort to improve the profitability of the golf course. The facility has not had significant paint, carpet, or any implements since new in 1996. Food and beverage improvements are needed in the kitchen and dining room, in addition to bathroom remodel (urinals, dividers, flooring fixtures), interior and exterior painting, weatherproofing, customer seating, exterior lighting, and parking lot seal and striping. Minor course improvements includes tree maintenance and rebuilding of several sand bunkers. All items in this project are "capital projects" as defined in the operating agreement with CourseCo and outside the normal maintenance obligations of the operator. 2018 - Hired consultant to design clubhouse renovations and performed deferred maintenance on building.

PROJECT ASSUMPTIONS

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

BENEFITS

Enhanced food and beverage sales are expected to improve facility revenue and other investments are intended to retain and attract customers.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
FOOD AND BEVERAGE ENHANCEMENTS OTHER CLUBHOUSE IMPROVEMENTS PARKING LOT SEAL AND STRIPE BUNKER REBLDING/TREE MAINTENANCE CONTINGENCY	296,000 540,000 60,000	266,000	30,000						540,000 60,000
TOTAL	\$ 896,000	\$ 266,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
RECOMMENDED FUNDING SOURCES	Total Estimated	Project Revenue To-Date 12/31/17	Authorized	2019	2020	2021	2022	2023	2024
RE EXCISE TAX 1ST 1/4% DONATION (PRIVATE - COURSECO.) UNFUNDED	196,000 100,000 600,000	166,000 100,000	30,000						600,000
TOTAL	\$ 896,000	\$ 266,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Fire Station 71 - Replacement Station										
Type of Project Waterfront	Partnership Project? NO Waterfront Project? Yes	Project # WF140004								
Core Focus Area 2	Strategic Leadership Plan Project? Yes									
PROJECT NAME:	PROJECT NAME: Fire Station 71 - Replacement Station									
PROJECT ADMINISTRATI	on: Fire Services									
PROJECT LOCATION:	Between George Washington Way and Jadwin, just North of the Richland Police Department main station									
PROJECT TIMELINE:	2023-2025									
RESPONSE TO *GMA LEV	EL OF SERVICE? NO									
PROJECT DESCRIPTION										

Police Station. Currently, the primary driver for this project is the economic development opportunity related to the current station site at the west end of

Swift Blvd.

PROJECT ASSUMPTIONS

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

Because this is a station replacement, no additional staffing or vehicles will be required for this project. The building site will be City owned land, just north of the Richland Police Station on George Washington Way. Funding mechanism and timing of construction will be identified by City council in conjunction with staff, and will likely include revenue from the sale of the 1000 GWW property. The station construction project will utilize a designbuild approach.

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CONSTRUCTION ENGINEERING & DESIGN	4,500,000 800,000							4,500,000 800,000	
TOTAL	\$ 5,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,300,000	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17		2019	2020	2021	2022	2023	2024
MUNICIPAL BONDS	5,300,000							5,300,000	
TOTAL	\$ 5,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,300,000	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	- - -								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

		Can	rge Pr	Out P	00	1 R	onou	72 1					
Type of Project Waterfront	Partne	ship Project?	NO	···—··—··— 1	ront Pro	г	YES	v a 1		Pr	oject #		
Core Focus Area		Strategic L	eadership Plan	ı Project?	N	Io				WI	170001		
	George Prout Pool Re	norura1						ſ					
PROJECT NAME:								ļ					
PROJECT ADMINISTRA		Facilities						l t					
PROJECT LOCATION:	1005 Swift Blvd.												
PROJECT TIMELINE:	2018 - 2020												
RESPONSE TO *GMA LE	VEL OF SERVICE?												
				ECT DESC									
replaced in 2002	ut Pool is a long-serving 2018 - Replace necess directly onto the pool de	ary portions of	the pool bot	tom and res	urface	entire	pool with	new plast	er; <u>20</u>	<u> 19</u> - insta	all new exit	door	
			PROJ	ECT ASSU	MPT	IONS	;						
	nent of the pool bottom ter access to the pool di			BENEFI he bath hou		ll exter	nd the live o	of the faci	lity fo	r public	use. Some	pool {	guests wil
		Total Estimated	Project Costs To	Authorized Budget									
	COST ESTIMATE	Project Cost	Date 12/31/17	Remaining in 2018		19	2020	2021		2022	2023		2024
CONSTRUCTION		350,000		200,000	2	20,000	130,000						
	TOTAL	\$ 350,000	\$ -	\$ 200,000	\$ 2	20,000	\$ 130,000	\$	- \$		- \$	- \$	-
RECOMMEND	ED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Remaining in	20	19	2020	2021		2022	2023		2024
RE EXCISE TAX 1S UNDESIGNATED P PARKS RESERVE I	ARK RESERVE	190,000 60,000 100,000		2018 100,000 30,000 70,000	2	20,000	70,000 30,000 30,000						
	TOTAL	\$ 350,000	\$ -	\$ 200,000	\$ 2	20,000	\$ 130,000	\$	- \$		- \$	- \$	-
	MAINTENANCE COSTS IMPACTS)	Total Estimated Project Operating & Maint. Costs			20	19	2020	2021		2022	2023		2024
		-											
	TOTAL	\$ -	-	-	\$	-	\$ -	\$	- \$		- \$	- \$	-
FOR FINANCE STAI	FF USE ONLY ALL 2019 P	ROJECTS MUST HA		IDENTIFIED AS	CAPITA	AL/MAIN	TENANCE						
DESCRIPTION CAPITAL ITEM		2019	CODING 380-337-0066-5947	761-6403									

20,000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE

	Howard Amon Park Improvements									
Type of Project										
Waterfront	Partnership Project? NO Waterfront Project? YES Project #									
	WF140011									
Core Focus Area 5	Strategic Leadership Plan Project? Yes									
3										
PROJECT NAME:	Howard Amon Park Improvements									
PROJECT ADMINISTRAT	ION: Parks & Public Facilities									
PROJECT LOCATION:	Howard Amon Park									
PROJECT TIMELINE:	2015-2022									
RESPONSE TO *GMA LEV	VEL OF SERVICE? NO									
	PROJECT DESCRIPTION									
A citizen survey	taken at the 2017 City Fair event documented that Howard Amon Park remains the Community's favorite Richland park. The									
•										

A citizen survey taken at the 2017 City Fair event documented that Howard Amon Park remains the Community's favorite Richland park. The projects included in Howard Amon Park are focused on widening the Riverfront Trail and stabilizing the beach between the Hampton Inn and north Howard Amon Park to include trail widening and reconstruction, lighting, removal and replanting of dead or diseased trees (only as necessary), and annual beach restoration work. <u>2018</u> - completed trail widening to the Hampton Inn and 400 feet of bank stabilization and beach enhancement. <u>2019</u> - complete 700 feet for trail reconstruction. <u>2020</u> - complete 660 feet of trail reconstruction (\$300,000) and construct outdoor fitness area (\$150,000) . <u>2021</u> - complete 480 feet of trail reconstruction(\$340,000) and finish installing rubber playground surfacing (\$250,000) in Sturgeon Cove Playground. <u>2022</u> - complete 780 feet of trail reconstruction.

PROJECT ASSUMPTIONS

State Resource and Conservation Office and other grants will be obtained. Cultural resource work will represent 30% of project expenses.

BENEFITS

This section of the Riverfront Trail is the busiest and most congested trail in the City and is currently 8 feet wide. Widening the trail will ease congestion by providing a 15 foot wide concrete sidewalk section along with trail lighting for safe use after dark. Beach restoration will provide bank stabilization and create an attractive beach amenity for park users.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021		2022	20)23	2	2024
CONSTRUCTION CONTINGENCY	2,125,400 190,000	365,400	200,000	290,000 30.000	400,000 50.000	530,0 60.0		340,000 50,000				
CONTINGENCY	190,000			30,000	50,000	60,0	UU	50,000				
	-											
	-											
TOTAL	\$ 2,315,400	\$ 365,400	\$ 200,000	\$ 320,000	\$ 450,000	\$ 590.0	00	\$ 390,000	\$	_	\$	-
	Total Estimated	Project	Authorized Budget	<u> </u>		, , , , , , , , , , , , , , , , , , ,						
RECOMMENDED FUNDING SOURCES	Project Revenues	Revenue To- Date 12/31/17	Remaining in 2018	2019	2020	2021		2022	20	23	2	2024
RE EXCISE TAX 1ST 1/4%	212,000	92,000			50,000	70,0	00					
RE EXCISE TAX 2ND 1/4%	170,000		100,000	70,000								
BUSINESS LICENSE RESERVE FUND	148,000	48,000			50,000	50,0						
HOTEL/MOTEL - LODGING TAX FUNDS	420,000	120,000	100,000	100,000	50,000	50,0	00					
PUBLIC SAFETY SALES TAX	20,000	20,000										
RCO GRANT	405,400	85,400		150,000		170,0						
UNFUNDED	940,000				300,000	250,0		390,000				
TOTAL	\$ 2,315,400	\$ 365,400	\$ 200,000	\$ 320,000	\$ 450,000	\$ 590,0	00	\$ 390,000	\$	-	\$	-
OPERATING & MAINTENANCE COSTS	Total Estimated											
(IMPACTS)	Project Operating & Maint. Costs			2019	2020	2021		2022	20	23	2	2024
MAINTENANCE	3,300			500	500	5	00	600		600		600
	-											
TOTAL	\$ 3,300	-	-	\$ 500	\$ 500	\$ 5	00	\$ 600	\$	600	\$	600

FOR FINANCE STAFF USE ONLY ALL 2019 PH	019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE								
DESCRIPTION	2019	CODING							
CAPITAL ITEM	320,000	380-337-0066-596793-6209							
TOTAL	\$ 320,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE							

John Dam Plaza Improvements									
Type of Project									
Waterfront Partnership Project? YES Waterfront Project? YES Project # WF140008									
Core Focus Area Strategic Leadership Plan Project? Yes									
PROJECT NAME: John Dam Plaza Improvements									
PROJECT ADMINISTRATION: Parks & Public Facilities									
PROJECT LOCATION: John Dam Plaza, 800 Jadwin Avenue									
PROJECT TIMELINE: 2015 - 2024									
RESPONSE TO *GMA LEVEL OF SERVICE? NO									
PROJECT DESCRIPTION									
John Dam Plaza is the host of the HAPO Community Stage attracting thousands of visitors each weekend who attend music performances									
supplemented with food trucks and other entertainment. 2019 - design of shade structures for spectator seating area; 2020-construct shade									
structure. 2021 - 2024 construct a concrete/paved plaza in the north section of the park per the approved master plan to more effectively									
accommodate large crowds and vendors.									

BENEFITS

The proposed improvements will complement the City's vision to enhance the downtown and waterfront areas. The annual HAPO contribution of \$30,000 will be set aside for maintenance beginning in 2017 and included in the operating budget for additional, necessary maintenance and support for the stage and John Dam Plaza to keep the facility in a high-quality condition.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 10% CONTINGENCY OTHER ENG. SERVICES	25,000 - 2,420,894 105,000 -	1,475,894		25,000	225,000 25,000	180,000 20,000	180,000 20,000	180,000 20,000	180,000 20,000
TOTAL	\$ 2,550,894	\$ 1,475,894	\$ -	\$ 25,000	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
BUSINESS LICENSE RESERVE FUND HOTEL/MOTEL LODGING FUNDS RE EXCISE TAX 1ST 1/4% RE EXCISE TAX 2ND 1/4% RCO GRANT DONATION HAPO LTGO BOND FUND UNDESIGNATED PARK RESERVE	133,894 1,675,000 25,000 - 300,000 60,000 250,000	133,894 600,000 25,000 300,000 60,000 250,000		25,000	250,000	200,000	200,000	200,000	200,000
TOTAL	107,000 \$ 2,550,894	107,000 \$ 1,475,894	\$ -	\$ 25,000	\$ 250,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
PARK MAINTENANCE	36,500 - - - -				5,500	7,000	8,000	8,000	8,000
TOTAL	\$ 36,500	-		\$ -	\$ 5,500	\$ 7,000	\$ 8,000	\$ 8,000	\$ 8,000

FOR FINANCE STAFF USE ONLY	ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE								
DESCRIPTION	2019	CODING							
CAPITAL ITEM	25,000	380-337-0066-594599-6403							
TOTAL	\$ 25,000	TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE							

Leslie Groves Park Enhancements									
Type of Project Waterfront	Partnersl	hip Project? NO	Waterfront Project?	YES	Project # WE 60002				
Core Focus Area 5		Strategic Leadership Plan	n Project? Yes						
PROJECT NAME: Leslie Groves Park Enhancements									
PROJECT ADMINISTRATION:	Parks & Public	Facilities							
PROJECT LOCATION:	eslie Groves Park								
PROJECT TIMELINE: 20	18]							
RESPONSE TO *GMA LEVEL O	F SERVICE? NO								
PROJECT DESCRIPTION									
Loclio Crorros Dorleio	a a biab anality park	couring north Dichland Th	no north has soon increa	and use commencer	verith athor resotant assats 201	7			

Leslie Groves Park is a high quality park serving north Richland. The park has seen increased use commensurate with other waterfront assets. 2017 - Reconstructed the sand volleyball courts and installed an outdoor shower. 2019 - Improve swim area by removing existing jersey barrier retaining wall along the swim beach and replace with a stepped wall to provide better beach access and aesthetics. 2021 rebuild tennis courts, replace existing restroom with a facility that meets modern ADA requirements and add a fish cleaning station to accommodate the popular Snyder Street Docks and boat launch for fishing.

PROJECT ASSUMPTIONS

The public use of Leslie Groves Park including the beach, Synder Street Docks, and sand volleyball facility is increasing and warrants park and facility improvements.

BENEFITS

Many of the amenities at Leslie Groves Park are showing their age and are in need of renewal or replacement to meet the community's expectations of this premier city park.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
CONSTRUCTION CONTINGENCY	420,000 50,000 -			105,000 15,000		315,000 35,000			
TOTAL	\$ 470,000	\$ -	\$ -	\$ 120,000	\$ -	\$ 350,000	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
PARK DISTRICT 1	470,000			120,000		350,000			
TOTAL	\$ 470,000	\$ -	\$ -	\$ 120,000	\$ -	\$ 350,000	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
	-								
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FOR FINANCE STAFF USE ONLY	**FOR FINANCE STAFF USE ONLY** ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE									
DESCRIPTION		2019	CODING							
CAPITAL ITEM		120,000	PENDING							
ΤΟΤΔΙ	\$	120,000	TOTAL MUST FOUND PROJECT COSTS FOR 2019 ABOVE							

		T 01								
		Lib	rary F	koot I	Kenov	vatio	n			
Type of Project Waterfront	Partners	hip Project?	NO	Waterf	ront Project?	YES]		ect #	<u> </u>
Core Focus Area		Strategic Le	eadership Plan	ı Project?	No			VVF1	80002	
PROJECT NAME:	Library Roof Renovation	on								
PROJECT ADMINISTRAT	D 1 4 D 11]			
	Library]			
PROJECT LOCATION:	Library									
PROJECT TIMELINE:	2019									
RESPONSE TO *GMA LEV	VEL OF SERVICE?									
				ECT DESC						
The library was remoded and expanded in 2009. The expected lifecycle of this type of product is 20 - 25 years. Based on inspection of the roof by professionals this life cycle has not been achieved and an overlay of the roof system is required.										
			PROJE	ECT ASSU	MPTIONS					
PROJECT ASSUMPTIONS										
				BENEFI	ΓS					
Provide weather proofing to City facilities to protect the public investment.										
PROJECT	COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Remaining in	2019	2020	2021	2022	2023	2024
CONSTRUCTION CONTINGENCY		410,000 40,000 -		2018	410,000 40,000					
	TOTAL	\$ 450,000	\$ -	\$ - Authorized	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMEND	ED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17	Budget Remaining in	2019	2020	2021	2022	2023	2024
LIBRARY RESERVE	FUND	450,000 - -		2018	450,000					
	TOTAL	\$ 450,000	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -
	MAINTENANCE COSTS IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
		-								
	TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FOR FINANCE STAF DESCRIPTION CAPITAL ITEM	F USE ONLY ALL 2019 PRO	2019 450,000	E CODING AND I CODING 001-303-0066-5725		CAPITAL/MAINT	ENANCE				
	TOTAL									

	Shoreline Enhancement & Ba	nk Stabilization
Type of Project	Siturcinic Emilancement & Bu	
Waterfront	Partnership Project? YES Waterfront Project	
G F A		WF140010
Core Focus Area	Strategic Leadership Plan Project? Yes	
PROJECT NAME:	Shoreline Enhancement & Bank Stabilization	
PROJECT ADMINISTRAT	Parks & Public Facilities	
	Columbia & Yakima River shorelines	
PROJECT LOCATION:	Columbia & Taxima River shorelines	
BROWEGT THEY BY	2017-2020	
PROJECT TIMELINE:		
RESPONSE TO *GMA LEV	VEL OF SERVICE? NO	
	PROJECT DESCRIPTION	
The Columbia ar	nd Yakima Rivers are valuable economic and recreational amenities. The	e shoreline along the Columbia River is continually
	arly south of the Shilo Inn and along Columbia Point Marina Park. In 20	
	he erosion and several options to stabilize and protect the shoreline from	
for a section of the	ne shoreline south of the Shilo Inn to prevent additional bank erosion th	at is threating the Riverfront Trail.

A Shoreline Vegetation Management Plan is being sought from the US Army Corps of Engineers and new in 2017 is an administrative "Shoreline Substantial Development" permit required for maintenance activities. Safe access to the water remains a high priority for the public.

BENEFITS

Protect shoreline from erosion, improve appearance of shoreline, provide views and accessibility to the river.

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To-Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
VEGETATION & SHORELINE MAINTENANCE CONSTRUCTION & RIVERSHORE ENHANCEMENT	420,000	90,000	30,000		300,000				
CONTINGENCY	30,000				30,000				
TOTAL	\$ 450,000	\$ 90,000	\$ 30,000	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
UNDESIGNATED PARK RESERVE FUND RE EXCISE TAX 2ND 1/4%	120,000 330,000 -	90,000	30,000		330,000				
TOTAL	\$ 450,000	\$ 90,000	\$ 30,000	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
TOTAL	\$ -	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$

Swift Corridor: City Hall Replacement									
Type of Project Waterfront	Partnership Project? NO Waterfront Project? YES	Project # WF140003							
Core Focus Area	Strategic Leadership Plan Project? Yes								
PROJECT NAME:	Swift Corridor: City Hall Replacement]							
PROJECT ADMINISTRAT	ION: Parks & Public Facilities								
PROJECT LOCATION:	625 Swift Boulevard								
PROJECT TIMELINE:	06/2011 - 12/2019								
RESPONSE TO *GMA LE	VEL OF SERVICE? NO								
	PROJECT DESCRIPTION								

The Swift Corridor project is a multi-year, long-range economic development and infrastructure investment in the Central Business District. This project phase will replace three aging city buildings (Development Services, Administrative Annex and City Hall) into one approximately 44,000 square foot multistory structure in an effort to increase efficiencies and avoid costly building modifications for ADA accessibility and other major system upgrades. The facility will be located on 1.8 acres purchased in 2017 on the northern portion of the federally owned parking lot at the southwest corner of Swift Boulevard and Jadwin Avenue. The existing City Hall site will be cleared for economic development purposes consistent with the City's waterfront vision. Annual debt service estimated at \$893,720 would begin in 2018 and will be funded with savings resulting from the retirement of City Shops debt and from the approved 2016 increase in electric utility occupation tax to 8.5%.

PROJECT ASSUMPTIONS

3.5% interest on a 30-year general obligation bond, with interest only payments during the construction period, repaid from the authorized 2016 increase in electric utility occupation tax to the General Fund and retirement of the City Shops debt funded by Real Estate Excise Tax. Washington State design-build project delivery authority will be utilized. The existing City Hall and Administrative Annex Building will be demolished to create a 1.5 acre site for economic development purposes. A reconfiguration of the federal parking lot and city led parking lot management will be necessary. The Development Services Building will be excess to the City's needs.

BENEFITS

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

PROJECT COST ESTIMATE	Total Estimated Project Cost	Project Costs To- Date 12/31/17	Authorized Budget Remaining in 2018	2019	2020	2021	2022	2023	2024
PROJECT PLANNING INCL DEBT ISSUANCE	377,203	163,583	213,620						
REMODEL UB AREA&SWIFT/JADWIN SIGNL	104,079	62,735	41,344						
DESIGN BUILD	17,387,711	2,342,844	15,044,867						
LAND ACQUISITION	610,342	610,342							
OTHER ENG. SERVICES	340,430	79,475	260,955						
	-								
TOTAL	\$ 18,819,765	\$ 3,258,979	\$15,560,786	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RECOMMENDED FUNDING SOURCES	Total Estimated Project Revenues	Project Revenue To-Date 12/31/17		2019	2020	2021	2022	2023	2024
GENERAL FUND - FACILITY RESERVES	458,660	458,660							
LAND SALE (SWIFT & GWW)	111,205	-	111,205						
INDUSTRIAL DEVELOPMENT FUND	308,000	308,000							
LTGO 98 FUND	550,000	-	550,000						
CAPITAL IMPRVMNT FUND (REET 1ST 1/4%)	463,200	213,200	250,000						
LIBRARY CONST FUND (ADDED PARKING)	250,000		250,000						
BOND PROCEEDS	15,168,049	15,168,049							
UTILITY OCCUPATION TAX INCREASES	1,334,651	470.000	1,334,651						
GRANT FUNDS (UNSECURED)-STREET IMPRV	176,000	176,000							
BUSINESS LICENSE RESERVE-STREET IMPRV	-								
TOTAL	\$ 18,819,765	\$ 16,323,909	\$ 2,495,856	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING & MAINTENANCE COSTS (IMPACTS)	Total Estimated Project Operating & Maint. Costs			2019	2020	2021	2022	2023	2024
DEBT SERVICE (REET)	2,558,400			426,400	426,400	426,400	426,400	426,400	426,400
DEBT SERVICE (UTILITY TAX)	2,550,450			213,850	467,320	467,320	467,320	467,320	467,320
TOTAL	\$ 5,108,850	-	-	\$ 640,250	\$ 893,720	\$ 893,720	\$ 893,720	\$ 893,720	\$ 893,720

Wayfinding Signage & Gateway Entrance Improvements Type of Project Waterfront Project? YES Waterfront Partnership Project? Core Focus Area Strategic Leadership Plan Project? YesWayfinding Signage & Gateway Entrance Improvements PROIECT NAME: Parks & Public Facilities PROIECT ADMINISTRATION: City-wide PROJECT LOCATION: 2017 - 2020 PROJECT TIMELINE: NO RESPONSE TO *GMA LEVEL OF SERVICE? PROJECT DESCRIPTION Visit Tri Cities (the area's visitor and convention bureau) has managed a consultant effort to coordinate the Cities of Richland, West Richland, Kennewick, Pasco, Benton and Franklin Counties and the Ports of Benton and Kennewick, along with the Tri-Cities Lodging Association to develop a wayfinding guide signage program consistent with the Tri Cities brand. Wayfinding guide signage a category of traffic control as defined by the MUTCD and the area program is intended to result in well-designed, attractive signage (vehicular and pedestrian) and entrance features expected to beautify the region and provide helpful tourist directions. The beatification elements are not MUTCD guide signs and will utilize Lodging Tax revenue and General Fund. The plan is complete as of the end of 2017. 2018 a consultant has been hired to implement the plan. 2019 - 2020 the City will construct/install the wayfinding guide signage and entrance features within city limits. PROJECT ASSUMPTIONS Other regional partners will make similar contributions in other jurisdictions. A three phase plan has been developed in an effort to encourage a coordinated, regional implementation. **BENEFITS** Improve community image and tourist accessibility. Project Costs To-Date Total Estimated 2019 2020 2021 2022 2023 2024 PROJECT COST ESTIMATE **Project Cost** 12/31/17 DESIGN CONSTRUCTION MANAGEMENT CONSTRUCTION 1,122,311 352,311 450,000 320,000 10% CONTINGENCY OTHER ENG. SERVICES 320,000 \$ TOTAL 1,122,311 \$ 352,311 450,000 \$ Project Total Estimated Budget Revenue To-2019 2020 2021 2022 2023 2024 RECOMMENDED FUNDING SOURCES Proiect Revenues Date 12/31/17 RE EXCISE TAX 1ST 1/4% 170.174 170.174 INDUSTRIAL DEVELOPMENT FUND 182,137 182,137 HOTEL/MOTEL-LODGING TAX 520,000 200,000 320,000 GENERAL FUND 250,000 250.000 TOTAL 1,122,311 \$ 352,311 450,000 320,000 \$ **Total Estimated OPERATING & MAINTENANCE COSTS** Project Operating 8 Maint. Costs 2020 2021 2022 2023 2024 2019 (IMPACTS) 18 000 3,000 3 000 3 000 3,000 3 000 3 000 TOTAL 18,000 3,000 \$ 3,000 \$ 3,000 \$ 3,000 \$ 3,000 **FOR FINANCE STAFF USE ONLY** ALL 2019 PROJECTS MUST HAVE CODING AND IDENTIFIED AS CAPITAL/MAINTENANCE DESCRIPTION 380-337-0066-594590-6403 320.000 CAPITAL ITEM

320,000 TOTAL MUST EQUAL PROJECT COSTS FOR 2019 ABOVE