



CITY OF BLACK DIAMOND
July 12, 2018 Regular Work Session
25510 Lawson Street, Black Diamond, Washington

Work Sessions are meetings for Council to review upcoming and pertinent business of the City. Public testimony is only accepted at the discretion of the Council.

6:00 P.M. – CALL TO ORDER, FLAG SALUTE, ROLL CALL

- 1) 2019-2024 Capital Improvement Plan – Public Works Portion – Ms. Miller
- 2) Adjournment



CITY OF BLACK DIAMOND

Interoffice Memorandum

To: City Council

From: Mayene Miller, Finance Director

Subject: Work Study Meeting on the Public Works Portion
of the 2019-2024 Capital Improvement Plan (CIP)

Date: **July 12, 2018**

Brief Description of Black Diamond's CIP:

The CIP is a six-year plan that provides a future roadmap and direction for the Community's capital and infrastructure needs. This plan is like the Public Works Transportation's Improvement Plan but includes more than street projects and includes more specific details on each project such as; timeline, needs and potential sources of funding.

Timeline:

A calendar is attached as the last page of the draft document and shows the two work session meetings (one for General Government Projects and one for Public Works projects).

This is the first work session of the Council on the first portion of the CIP update for the Public Works Portion. The next work session is scheduled for a Special meeting on July 26, 2018 for the General Government portion.

During this work session Black Diamond staff will review the details and answer questions regarding each capital project identified in this portion of the CIP 2019-2024 updates.

A Council Public Hearing is scheduled to be held on August 2, 2018 and adoption of the CIP update at the Council meeting of August 16, 2018.

City of Black Diamond, WA

Capital Improvement Plan

Public Works

2019 – 2024



Ginder Creek Area

DRAFT

July 12, 2018

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Street Department

T1

General Street Improvement

13.10

DESCRIPTION

Light Street Maintenance. Annually the Public Works staff assesses the street system and selects key street preservation and improvement work. Typical activities under this project are chip sealing, crack sealing, patch work and addressing minor safety problems.

BACKGROUND

This project provides annual funding for minor street improvements that typically do not require engineering.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Construction Costs	180,000	30,000	30,000	30,000	30,000	30,000	30,000
TOTAL COSTS	180,000	30,000	30,000	30,000	30,000	30,000	30,000
REQUESTED FUNDING							
Real Estate Excise Tax II	180,000	30,000	30,000	30,000	30,000	30,000	30,000
TOTAL SOURCES	180,000	30,000	30,000	30,000	30,000	30,000	30,000



Street Department

T2

Grant Matching Fund

13.03

DESCRIPTION

This project is used to accumulate funds for a match for grants for street and pedestrian projects now scheduled on the CIP.

BACKGROUND

The city has used this fund for professional technical assistance with grant applications and supplement funding if a grant is received for a project that needs to be moved up in the CIP schedule or if a larger match than anticipated is needed.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Funding to Match Grants	240,000	40,000	40,000	40,000	40,000	40,000	40,000
TOTAL COSTS	240,000	40,000	40,000	40,000	40,000	40,000	40,000
REQUESTED FUNDING							
Real Estate Excise Tax II	240,000	40,000	40,000	40,000	40,000	40,000	40,000
TOTAL SOURCES	240,000	40,000	40,000	40,000	40,000	40,000	40,000

What is a matching grant?

A matching grant is a contingent grant awarded only if the receiving entity is able to put up (or independently raise) a sum equal to the amount provided by the granting entity.



Roberts Drive Improvements - 236th to Bruckners

DESCRIPTION

Street Reconstruction. This project links existing sidewalks on the south side of Roberts Drive with existing sidewalks ending at 236th Ave. SE and at Bruckners Way. This project would install a pedestrian crossing at Rock Creek, make some upgrades to the existing Rock Creek Bridge, install pedestrian lighting, and pave a small portion of the eastbound lane of Roberts Drive between the bridge and Bruckners Way. City costs for the design efforts in 2018 will meet the match requirements for TIB funding.

BACKGROUND

Design will be complete in 2018 and the city will seek construction funding for 2019.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Construction Engineering	10,000	10,000					
Management & Administration	10,000	10,000					
Construction Costs	800,000	800,000					
TOTAL COSTS	820,000	820,000					
REQUESTED FUNDING							
TIB Grant	600,000	600,000					
Developer Contribution	80,000	80,000					
Real Estate Excise Tax II	100,000	100,000					
Grant Match	40,000	40,000					
TOTAL SOURCES	820,000	820,000					



Street Department

T4

SR 169 Roundabouts

13.02

DESCRIPTION

Capacity Adding Project. This project is to change the intersection control from stop control to one or two roundabouts and accommodate future road connections to the east for the Lawson Hills Master Planned Development and a new road to the west for the Ten Trails Development.

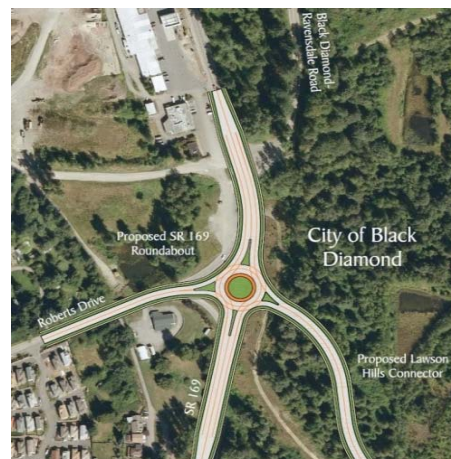
BACKGROUND

The existing intersection has a higher accident rate than the average along the corridor. Roberts Drive intersects SR 169 at an angle which makes it difficult for east bound motorists to turn left and west bound motorists on Ravensdale to turn left; This intersection has been identified as one of the first traffic mitigation projects that is required in the Master Planned Development FEIS.

COMMENTS

Because the city has had an existing deficiency at these intersections, the city in the development agreement has an obligation to seek grant funding to assist with moving these intersection improvements forward.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Land/Right of Way	500,000		500,000				
Preliminary Engineering	400,000	400,000					
Environ Engr & Permitting	500,000		500,000				
Construction Engineering	750,000			750,000			
Bid Documents	100,000		100,000				
Design Engineering	1,500,000		1,500,000				
Construction Costs	7,050,000		700,000	6,350,000			
Environ Mitigation	600,000		600,000				
Management / Admin	600,000	20,000	180,000	400,000			
TOTAL COSTS	12,000,000	420,000	4,080,000	7,500,000			
REQUESTED FUNDING							
Developer Funded	11,800,000	420,000	3,880,000	7,500,000			
Grants	200,000		200,000				
TOTAL SOURCES	12,000,000	420,000	4,080,000	7,500,000			



Park St. and SR 169 Intersection Safety Improvements

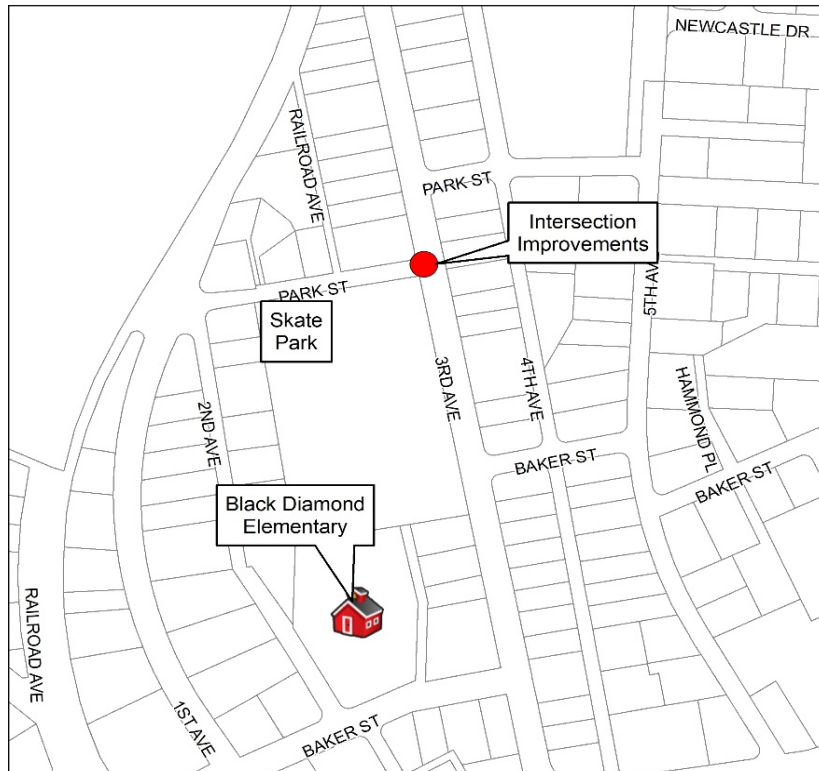
DESCRIPTION

This project would either close the Park Street access on the west side of SR 169 or close particular turning movements as recommended by the city's traffic engineer.

BACKGROUND

Traffic concurrency (mitigation) funds were received from the Enumclaw School District as part of the Black Diamond Elementary project to deal with the safety problem at this intersection.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Design Engineering	5,000	5,000					
Management & Administration	2,000	2,000					
Construction Costs	23,000	23,000					
TOTAL COSTS	30,000	30,000					
REQUESTED FUNDING							
Street Mitigation Funds	30,000	30,000					
TOTAL SOURCES	30,000	30,000					



Morgan Creek Seal Coat Preservation

DESCRIPTION

Seal coat streets in the Morgan Creek Neighborhood.

BACKGROUND

The pavement condition is good but is old enough that it could start to show more cracking. A seal coat will help extend the life of the roads in this neighborhood.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Engineering & Bid Docs	7,000		7,000				
Management & Administration	10,000		10,000				
Construction	90,000		90,000				
TOTAL COSTS	107,000		107,000				
REQUESTED FUNDING							
City Street Funds	50,000		50,000				
Real Estate Excise Tax II	57,000		57,000				
TOTAL SOURCES	107,000		107,000				



Street Department

T7

232nd Ave. SE Overlay, SE 288th St. to SE 293rd Pl.

14.03

DESCRIPTION

Grind, grade and pave 1500 feet of 232nd Ave SE from SE 288th Street to SE 293rd Place.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Design Engineering	20,000			20,000			
Management and Admin	10,000			10,000			
Construction	145,000			145,000			
TOTAL COSTS	175,000			175,000			
REQUESTED FUNDING							
Grants	148,750			148,750			
Grant Matching	26,250			26,250			
TOTAL SOURCES	175,000			175,000			



Downtown Public Parking

DESCRIPTION

Develop additional public parking in the downtown area of Baker Street and Railroad Ave.

BACKGROUND

Most of the existing buildings in the Railroad Ave area were constructed without off street parking lots other than the Eagles Hall. This area is zoned "Town Center" which does not require off street parking with the development of the property. There currently is a deficiency in available parking to support the existing businesses. The scope of this project will be refined in the initial preliminary engineering phase. In the preliminary phase of this project the city will compare several options for expanding parking in the area.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Land/Right of Way	60,000		60,000				
Preliminary Engineering	10,000	10,000					
Design Engineering	10,000	10,000					
Management and Admin	5,000	5,000					
Construction	60,000		60,000				
TOTAL COSTS	145,000	25,000	120,000				
REQUESTED FUNDING							
Grants	108,000		108,000				
Real Estate Excise Tax II	25,000	25,000					
Grant Matching	12,000		12,000				
TOTAL SOURCES	145,000	25,000	120,000				



SR 169 - James Street to Roberts Drive Sidewalk

14.02

DESCRIPTION

Create a pedestrian link between James Street and Roberts Drive along SR 169 on the west side of the road.

BACKGROUND

This 6-foot wide sidewalk would provide a link to the downtown area and the north commercial area.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Design & Bid Docs	140,000		140,000				
Management & Inspection	25,000		10,000	15,000			
Construction	385,000			385,000			
TOTAL COSTS	550,000		150,000	400,000			
REQUESTED FUNDING							
Grant Matching	52,500		22,500	30,000			
Real Estate Excise Tax II	30,000			30,000			
Grants	467,500		127,500	340,000			
TOTAL SOURCES	550,000		150,000	400,000			



216th Avenue SE Overlay

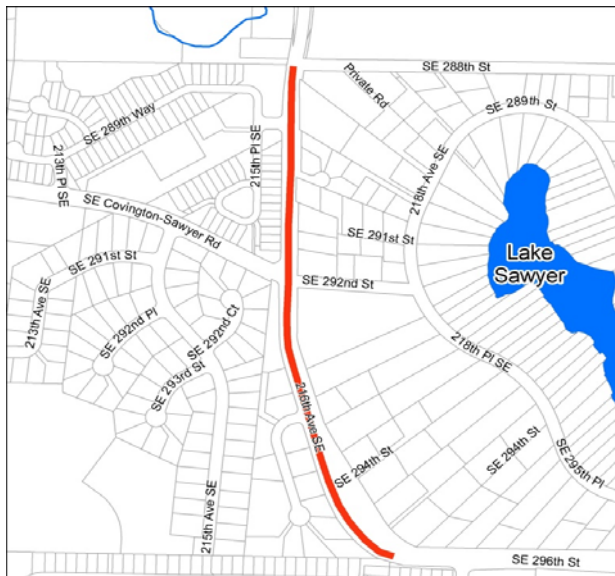
DESCRIPTION

Major Street Maintenance. Patch and overlay 216th Ave. SE from SE 288th St. to SE 296th St. Chip seal may be an option in this location.

BACKGROUND

The pavement condition is average to poor. The roadway width and side improvements vary. The engineering, bid process, inspections and project management will be provided by city staff. This is a heavy traffic area project.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Engineering & Bid Docs	20,000					20,000	
Management & Administration	15,000					15,000	
Construction	145,000					145,000	
TOTAL COSTS	180,000					180,000	
REQUESTED FUNDING							
TIB Pavement Preservation Grant	153,000					153,000	
Grant Matching	27,000					27,000	
TOTAL SOURCES	180,000					180,000	



Morgan Creek Pedestrian Connector

DESCRIPTION

Pedestrian link from the backside of the Morgan Creek neighborhood to SR 169.

BACKGROUND

This project would provide a pedestrian connection for the residents of the Morgan Creek neighborhood to the commercial area along SR 169. Sidewalks along the county-owned Black Diamond-Ravensdale Road are not a cost-effective option.

COMMENTS

Commercial development along the east side of SR 169 is becoming more probable. Commercial developers along the east side of SR 169 will be required to construct pedestrian connection as part of frontage improvements.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Design Engineering	50,000		50,000				
Management & Administration	10,000			10,000			
Construction Costs	140,000			140,000			
TOTAL COSTS	200,000		50,000	150,000			
REQUESTED FUNDING							
Developer Funding Frontage Impr.	200,000		50,000	150,000			
TOTAL SOURCES	200,000		50,000	150,000			



Roberts Drive Rehabilitation - Library to SR 169

14.02

DESCRIPTION

Major Street Maintenance from the Library to SR 169 (3000 ft.). Seal joints and cracks; Plane the concrete to a smooth surface; Install fabric to minimize reflective cracking; Widen shoulders; Asphalt overlay; install sidewalks and street lights from Library to SR 169.

BACKGROUND

The concrete roadway is about 100 years old but needs repair work. This project will be the final phase of work on Roberts Drive between the western city limits and SR 169.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Design & Bid Docs	350,000				350,000		
Management & Inspection	40,000				15,000	25,000	
Construction	1,360,000					1,360,000	
TOTAL COSTS	1,750,000				365,000	1,385,000	
REQUESTED FUNDING							
Grant Matching	80,000				40,000	40,000	
Real Estate Excise Tax II	182,500				14,750	167,750	
Grants	1,487,500				310,250	1,177,250	
TOTAL SOURCES	1,750,000				365,000	1,385,000	



224th Guardrail @ Cov Creek

DESCRIPTION

Safety Project. This safety project is to install guard rail on both sides of the road at the Covington Creek culverts on 224th Ave SE. This project would be an interim solution until this project could be combined with a larger culvert replacement project that could result in a bridge at this location.

BACKGROUND

Staff and the committee determined that guard rails at Covington Creek would provide a greater risk reduction for errant vehicles than the Abrams project was dropped and priorities shifted.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Management & Administration	2,500		2,500				
Construction Costs	22,500		22,500				
TOTAL COSTS	25,000		25,000				
REQUESTED FUNDING							
Real Estate Excise Tax II	25,000		25,000				
TOTAL SOURCES	25,000		25,000				



Downtown Pedestrian and Bicycle Link Study

DESCRIPTION

Pedestrian Project: This study will identify the best routes for pedestrians and bicycles to connect to the north and south of the old downtown area and identify right of way acquisition if needed.

BACKGROUND

The existing right of way for the state route is inadequate for widening to accommodate additional lanes along with pedestrian and bicycles. The study will investigate various bypass routes and key connection points, and provide opportunities for public input. Once the city has approved a pedestrian and bicycle plan for the downtown area the city will be in a better position to seek funding for these important alternative mode connections.

CAPITAL PROJECT COSTS	Total \$ 2019 -2024	2019	2020	2021	2022	2023	2024
Preliminary Engineering	10,000				10,000		
Design Engineering	20,000				20,000		
TOTAL COSTS	30,000				30,000		
REQUESTED FUNDING							
Grant Match	3,000				3,000		
Pedestrian Grant	27,000				27,000		
TOTAL SOURCES	30,000				30,000		



Street Department (Transportation Projects)

CAPITAL PROJECT SUMMARY

Summary by Project		Capital Plan 2019 - 2024						
Project Title		Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
T1	General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2	Grant Matching Project	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T3	Roberts Drive Improvements - 236th to Bruckners	820,000	820,000					
T4	SR 169 Roundabouts	12,000,000	420,000	4,080,000	7,500,000			
T5	Park St. & SR 169 Intersection Safety Improve.	30,000	30,000					
T6	Morgan Creek Seal Coat Preservation	107,000		107,000				
T7	232nd Ave. SE Overlay, SE 288th to SE 293rd	175,000			175,000			
T8	Downtown Public Parking	145,000	25,000	120,000				
T9	SR 169 - James St. to Roberts Dr. Sidewalk	550,000		150,000	400,000			
T10	216th Ave SE Overlay	180,000					180,000	
T11	Morgan Creek Pedestrian Connector	200,000		50,000	150,000			
T12	Roberts Dr. Rehab - Library to SR 169	1,750,000				365,000	1,385,000	
T13	224th Guardrail at Covington Creek	25,000		25,000				
T14	Downtown Pedestrian and Bicycle Link Study	30,000				30,000		
TOTAL ESTIMATED COSTS		16,432,000	1,365,000	4,602,000	8,295,000	465,000	1,635,000	70,000
Funding Sources								
TIB, CDBG and Other Grants								
T3	Roberts Drive Improvements - 236th to Bruckners	600,000	600,000					
T4	SR 169 Roundabouts	200,000		200,000				
T7	232nd Ave. SE Overlay, SE 288th to SE 293rd	148,750			148,750			
T8	Downtown Public Parking	108,000		108,000				
T9	SR 169 - James St. to Roberts Dr. Sidewalk	467,500		127,500	340,000			
T10	216th Ave SE Overlay	153,000					153,000	
T12	Roberts Dr. Rehab - Library to SR 169	1,487,500				310,250	1,177,250	
T14	Downtown Pedestrian and Bicycle Link Study	27,000				27,000		
Total Grant Funding		3,191,750	600,000	435,500	488,750	337,250	1,330,250	
Developer Funded/Impact Fees/SEPA								
T3	Roberts Drive Improvements - 236th to Bruckners	80,000	80,000					
T4	SR 169 Roundabouts	11,800,000	420,000	3,880,000	7,500,000			
T5	Park St. & SR 169 Intersection Safety Improve.	30,000	30,000					
T11	Morgan Creek Pedestrian Connector	200,000		50,000	150,000			
Total Developer/Impact/SEPA Funding		12,110,000	530,000	3,930,000	7,650,000			
Street Funding								
T6	Morgan Creek Seal Coat Preservation	50,000		50,000				
Total Street Funding		50,000		50,000				
Real Estate Excise Tax II Funding or Grant Matching								
T1	General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2	Grant Matching Project	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T3	Roberts Drive Improvements - 236th to Bruckners	100,000	100,000					
T3	Roberts Drive Improvements - 236th to Bruckners	40,000	40,000					
T6	Morgan Creek Seal Coat Preservation	57,000		57,000				
T7	232nd Ave. SE Overlay, SE 288th to SE 293rd	26,250			26,250			
T8	Downtown Public Parking	37,000	25,000	12,000				
T9	SR 169 - James St. to Roberts Dr. Sidewalk	82,500		22,500	60,000			
T10	216th Ave SE Overlay	27,000					27,000	
T12	Roberts Dr. Rehab - Library to SR 169	262,500				54,750	207,750	
T13	224th Guardrail at Covington Creek	25,000		25,000				
T14	Downtown Pedestrian and Bicycle Link Study	3,000				3,000		
Total Real Estate Excise Tax II Funding		1,080,250	235,000	186,500	156,250	127,750	304,750	70,000
TOTAL ESTIMATED FUNDING SOURCES		16,432,000	1,365,000	4,602,000	8,295,000	465,000	1,635,000	70,000

Springs & Transmission Reconstruction (WSFFA)

13.06

DESCRIPTION

This project will protect and rehabilitate the existing open springs, replacing pipes over the steep slope, and reconstructing the river crossing. This will include a new pumping system and replacing the transmission main back to Black Diamond.

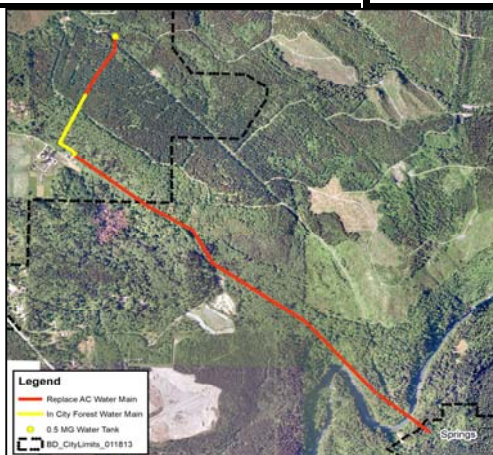
BACKGROUND

In late 2013, the city contracted with RH2 to study and compare two alternative concepts to improve and redevelop the springs to full water right capacity. The Springs Alternative Analysis Study recommended that the city pursue tapping an artesian spring on the north side of the river rather than reconstructing the spring collection system on the south side. After discussions with the Department of Health and Department of Ecology, it was determined that the city could not transfer its water right to the north side of the Green River, leaving the city to only withdraw water from the current location.

COMMENTS

This is a capacity and system reliability project funded by the Water Supply and Facilities Funding Agreement (WSFFA).

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Road/bldg imp.	30,000		30,000				
Preliminary Engineering		complete					
Design Engineering	600,000	600,000					
Management / Admin	75,000	25,000	50,000				
Easements	15,000	15,000					
Construction Costs	4,000,000	2,000,000	2,000,000				
Legal Fees	15,000	5,000	10,000				
TOTAL COSTS	4,735,000	2,645,000	2,090,000				
REQUESTED FUNDING							
Water Supply & Fac. Fnd Agrmt.	4,735,000	2,645,000	2,090,000				
TOTAL SOURCES	4,735,000	2,645,000	2,090,000				



Fire Flow Loop - North Commercial Area

13.08

DESCRIPTION

Replace 200 feet of 4 inch asbestos concrete with 12 inch ductile iron water main across SR 169 at the power substation; complete a 750 foot 12 inch ductile iron water main loop from Cedar Brook Mobile Home Park to the 6 inch asbestos water main behind Boots Tavern. Replace 1,200 feet of 8 inch asbestos water main on the west side of SR 169 from Ravensdale Road north to the existing 12 inch ductile iron water main. There will be 2,150 feet of 12 inch water in total.

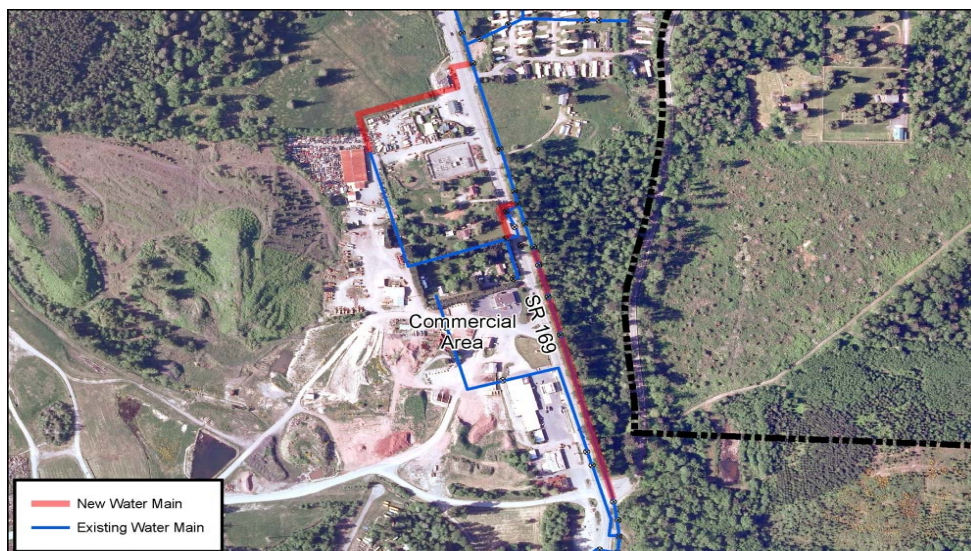
BACKGROUND

This is a capacity and system reliability project. Other commercial properties development along SR-169 may also be contributing or constructing portions of this project, if required through SEPA. This project can easily be phased if funding is short.

COMMENTS

This project does not describe what is needed to provide fire flow and redundant service to the north triangle but rather is the minimum to provide a looped system for the north part of the existing city system. This project is being moved up in priority in order to install the 12 inch water mains through the Roberts and Ravensdale intersections before the roundabouts are constructed.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Management / Administration	30,000	30,000					
Permitting, easements, legal	30,000	30,000					
Engineering	85,000	85,000					
Construction Costs	690,000		690,000				
TOTAL COSTS	835,000	145,000	690,000				
REQUESTED FUNDING							
Water Fund Reserves	417,500	72,500	345,000				
Developer Mitigation	417,500	72,500	345,000				
TOTAL SOURCES	835,000	145,000	690,000				



4.3 Mil Gal Tank Maintenance & Repairs

14.11

DESCRIPTION

The 4.3 million gallon water tank will be 13 years old in 2019. The interior will need **inspection**. The exterior will need **cleaning** and potentially **spot treatment** where the coating is damaged.

COMMENTS

While this project is a maintenance project, the work does extend the life of the coating by 10 years or more and therefore is included in this Capital Improvement Plan

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Water Tank Maintenance	35,000	35,000					
TOTAL COSTS	35,000	35,000					
REQUESTED FUNDING							
Water Rates	35,000	35,000					
TOTAL SOURCES	35,000	35,000					

Newly constructed



August 2016



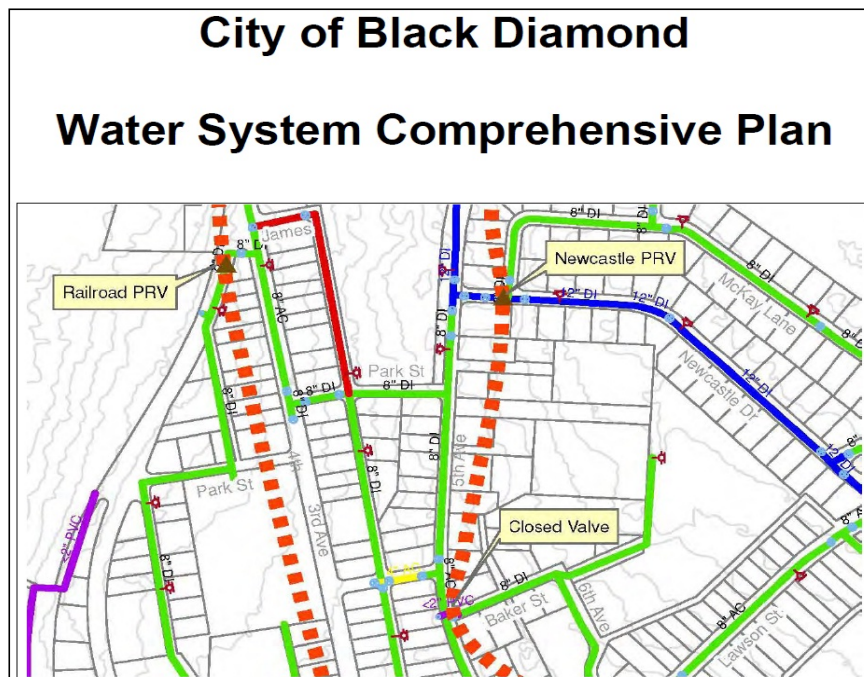
Water Comprehensive Plan Update

14.12

DESCRIPTION

The Department of Health requires an update of the Water Comprehensive Plan every 6 years to 10 years. The city received an extension of the previous Water Comprehensive Plan which moved the expiration date to February 15, 2020.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Management / Administration	5,000	5,000					
In house engineering	5,000	5,000					
Engineering Consultant	68,243	68,243					
Public hearings/edits/approval	20,000	20,000					
TOTAL COSTS	98,243	98,243					
REQUESTED FUNDING							
Carryover Water Funds	98,243	98,243					
TOTAL SOURCES	98,243	98,243					



Asbestos Water Main Replacement Program - Morganville South

17.13

DESCRIPTION

Replace 4 inch asbestos and 2 inch cast iron water main on Morgan Drive from Roberts Drive to the south end of Morgan Drive, connecting to an existing 8 inch main on Buena Vista Drive, and on Union from Buena Vista Drive to approximately 230 feet south of Roberts Drive, a total of approximately 1630 feet.

BACKGROUND

This project will improve fire flows to the Morganville area and replace substandard pipe that is nearing its useful performance life. An income survey will be required to determine eligibility for Community Development Block Grant Funding.

COMMENTS

Further future study of the existing asbestos water mains may show that a different asbestos water main should be replaced than this particular water main. Leak history, street reconstruction projects, pavement condition, developer improvements and asbestos pipe strength tests may change the priority of the asbestos pipe to be replaced.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Income Survey/ CDBG Application	1,200	1,200					
Preliminary Engineering	21,000		21,000				
Engineering, Design, Bid Docs	73,000		73,000				
Management / Administration	21,500		10,000	11,500			
Construction	405,000			405,000			
Contingency	40,500			40,500			
TOTAL COSTS	562,200	1,200	104,000	457,000			
REQUESTED FUNDING							
KC CDBG Grant	476,000		90,000	386,000			
Water Rates	86,200	1,200	14,000	71,000			
TOTAL SOURCES	562,200	1,200	104,000	457,000			



Water Department

W6

Asbestos Water Main Replacement Program - Morganville North

17.13

DESCRIPTION

Replace 4 inch and 6 inch asbestos water main on Morgan Drive from Roberts Drive to the north end of Morgan Drive, east to Union and then south 350 feet to the existing ductile iron pipe, 1600 feet.

BACKGROUND

This project will improve fire flows to the Morganville area and replace substandard pipe that is nearing its useful performance life. An income survey will be required to determine eligibility for Community Development Block Grant Funding.

COMMENTS

Further future study of the existing asbestos water mains may show that a different asbestos water main should be replaced than this particular water main. Leak history, street reconstruction projects, pavement condition, developer improvements and asbestos pipe strength tests may change the priority of the asbestos pipe to be replaced.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Income Survey/ CDBG Application	1,000			1,000			
Preliminary Engineering	20,000				20,000		
Engineering, Design, Bid Docs	70,000				70,000		
Management / Administration	19,000				9,000	10,000	
Construction	380,000					380,000	
Contingency	38,000					38,000	
TOTAL COSTS	528,000			1,000	99,000	428,000	
REQUESTED FUNDING							
KC CDBG Grant	476,000				90,000	386,000	
Water Rates	52,000			1,000	9,000	42,000	
TOTAL SOURCES	528,000			1,000	99,000	428,000	



0.5 MG Water Reservoir Recoat

DESCRIPTION

Repaint the 0.5 MG reservoir inside and out. This project would also add equipment for water mixing in the tank to eliminate stagnation and to insure chlorine residuals remain at optimum levels prior to distribution.

BACKGROUND

The city drained and inspected the interior of the water tank in 2015. The interior coating has deteriorated to a point where total replacement is needed. If the developer were to move forward with development above this reservoir, it may be a better solution to rebuild the storage capacity up above at a higher elevation. However the lower reservoir would need to last until the higher one is built.

COMMENTS

This project may be pushed out a few more years waiting for the development schedule for Lawson Hills in order to make a decision to defer the project for a few more years or move forward and paint the tank and preserve it.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Design Engineering & Bid Docs	20,000		20,000				
Specialty Inspection	10,000			10,000			
Tank Painting	180,000			180,000			
Tank Mixing	20,000			20,000			
Project Management	5,000			5,000			
TOTAL COSTS	235,000		20,000	215,000			
REQUESTED FUNDING							
Interfund Loan from Sewer	235,000		20,000	215,000			
TOTAL SOURCES	235,000		20,000	215,000			
Five year term at 1%					48,426	48,426	48,426



Water Department

W8

Pacific Street Water Line Loop

DESCRIPTION

Construction of 1,200 lineal feet of 8 inch ductile iron water line from the intersection with Pacific Ave to Old Lawson Road to provide system looping.

BACKGROUND

The homes on 5th Ave, Pacific Ave Pacific Street and Old Lawson are all on dead end lines which can cause water quality issues, reduces fire flow and can cause interruption of service to more people when a water main needs to be shut down for service.

COMMENTS

Easements will be needed to complete the water line loop.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Management / Administration	20,000					10,000	10,000
Permitting, easements, legal	20,000					10,000	10,000
Engineering	100,000					100,000	
Construction Costs	100,000						100,000
TOTAL COSTS	240,000					120,000	120,000
REQUESTED FUNDING							
Water Fund Reserves	240,000					120,000	120,000
TOTAL SOURCES	240,000					120,000	120,000



Water Department

W9

Second Intertie with City of Tacoma

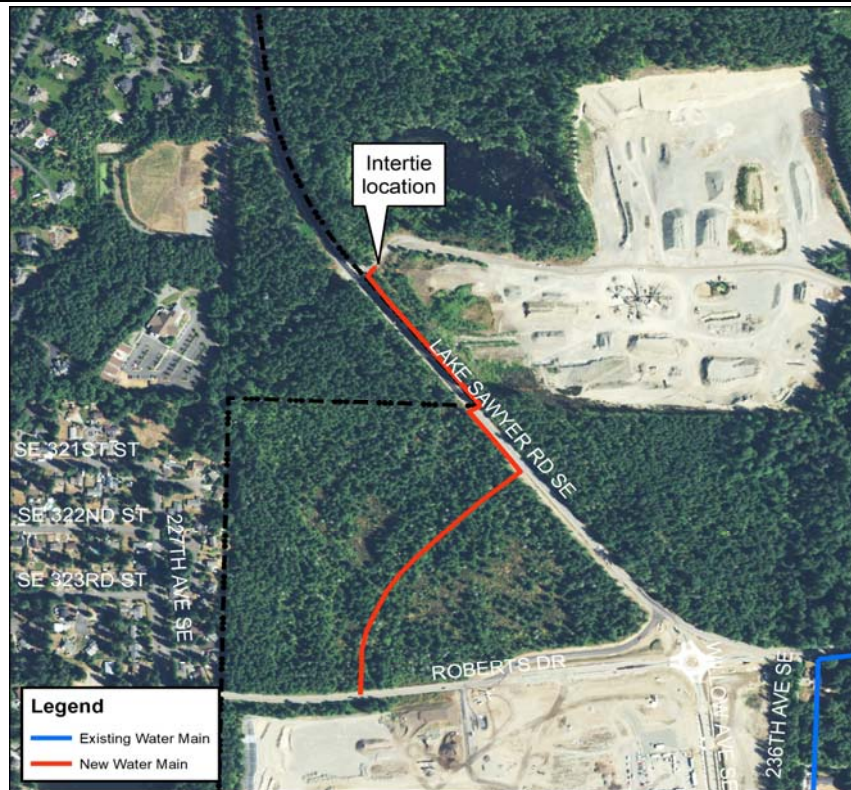
DESCRIPTION

Design and work with the City of Tacoma for a second intertie in the western portion of the City. Tap the Tacoma Pipeline and install an 8 inch meter, valves, vaults and telemetry system along Lake Sawyer Road.

BACKGROUND

As the Ten Trails area continues to grow, additional water transmission capacity will be needed to serve western Black Diamond.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Management / Administration	25,000					15,000	10,000
Permitting, easements, legal	15,000					15,000	
Engineering	100,000					100,000	
Construction Costs	500,000						500,000
TOTAL COSTS	640,000					130,000	510,000
REQUESTED FUNDING							
Developer Funded	640,000					130,000	510,000
TOTAL SOURCES	640,000					130,000	510,000



SCADA System Improvements

DESCRIPTION

The city needs to update the SCADA (Supervisory Control and Data Acquisition) system for the water and sewer system from time to time. This project sets aside funds so that as needs come up the Public Works Operations staff can update software, computers, communication systems or upgrade the Programmable Logic Controller as needed rather than delaying needed improvements for a bigger project to be defined, budgeted, and implemented. This set aside strategy will assist the city with smoothing out the budgeting to the needs and keep the operations more reliable with lower malfunction risks.

BACKGROUND

The city's water has a system of pump controllers, computers, software and communications systems that operates, monitors, sends alarms and collects data on our water and sewer system. This project proposes to upgrade components of the overall system as needed going forward. Some years expenses may be minimal but as the funds are rolled over, the city will be able to afford the upgrades with less single year budget impact.

COMMENTS

In 2018 the city in partnership with the Master Planned Developer is upgrading the SCADA system to accommodate a new sewer pump station in Ten Trails as well as upgrading the city's existing system that is outdated and no longer supported. The 2018 improvement will bring the city up to date with current technology, hardware and software.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Tech Provider Services	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Equipment and Software	30,000	5,000	5,000	5,000	5,000	5,000	5,000
TOTAL COSTS	60,000	10,000	10,000	10,000	10,000	10,000	10,000
REQUESTED FUNDING							
Water Rates	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Sewer Rates	30,000	5,000	5,000	5,000	5,000	5,000	5,000
TOTAL SOURCES	60,000	10,000	10,000	10,000	10,000	10,000	10,000



Morgan Street AC Water Main Replacement

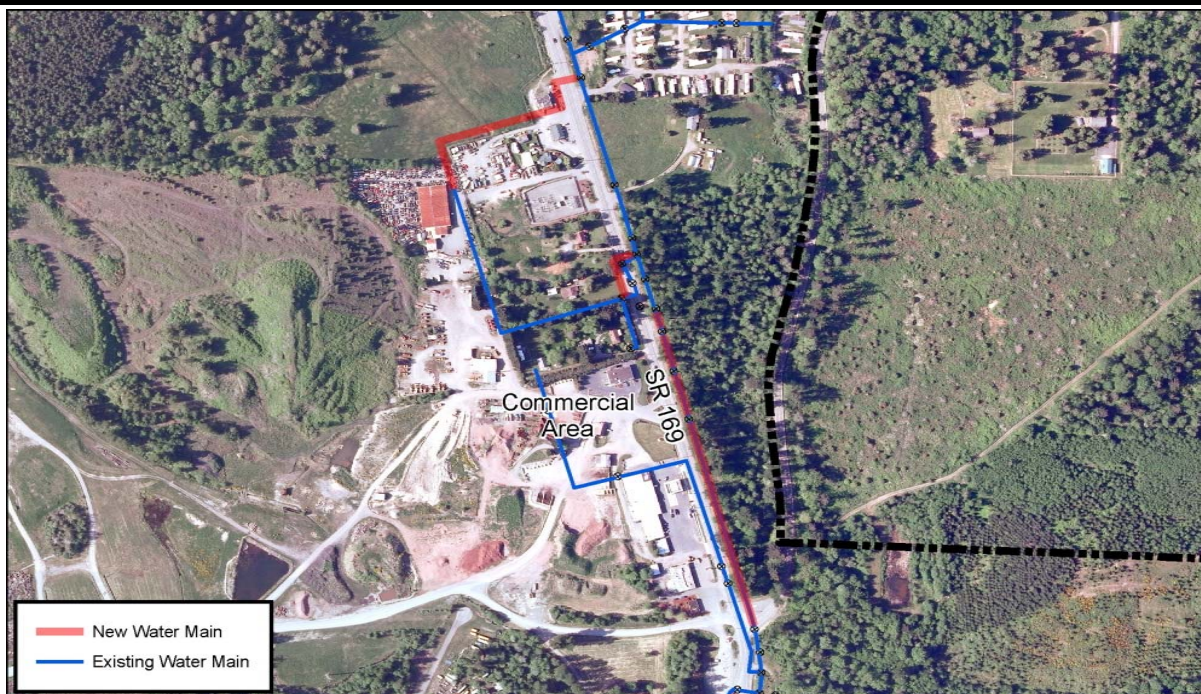
DESCRIPTION

Replace 2700 feet of old 6 inch asbestos water main from RR Ave to Roberts Drive with an 8 inch water main for the western half and 12 inch water main for the eastern half.

BACKGROUND

There is an 8 inch water main to tie connection from Roberts Drive just west off the Library. The water main diverts from Morgan Street to Cemetery Road at Terrace Place.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Management / Administration	20,000					10,000	10,000
Permitting, easements, legal	30,000					20,000	10,000
Engineering	170,000					150,000	20,000
Construction Costs	670,000						670,000
TOTAL COSTS	890,000					180,000	710,000
REQUESTED FUNDING							
Water Fund Reserves	445,000					90,000	355,000
CDBG Grant funding	445,000					90,000	355,000
TOTAL SOURCES	890,000					180,000	710,000



Water Department

CAPITAL PROJECT SUMMARY

Summary by Project							
Summary by Project		Capital Plan 2019 - 2024					
Project Title	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
W1 Springs & Transmission Reconstruction WSFFA	4,735,000	2,645,000	2,090,000				
W2 Fire Flow Loop - North Commercial Area	835,000	145,000	690,000				
W3 4.3 MG Tank Repaint	35,000	35,000					
W4 Water Comprehensive Plan Update	98,243	98,243					
W5 Asbestos Morganville S. Water Main Replace	562,200	1,200	104,000	457,000			
W6 Asbestos Morganville N. Water Main Replace	528,000			1,000	99,000	428,000	
W7 .5 MG Tank Water Reservoir Recoat	235,000		20,000	215,000			
W8 Pacific Street Water Line Loop	240,000					120,000	120,000
W9 2nd Intertie with City of Tacoma	640,000					130,000	510,000
W10 SCADA System Improvements	60,000	10,000	10,000	10,000	10,000	10,000	10,000
W11 Morgan St AC Water Main Replacement	890,000					180,000	710,000
TOTAL ESTIMATED COSTS	8,858,443	2,934,443	2,914,000	683,000	109,000	868,000	1,350,000
Funding Sources							
Water Reserves and Rates							
W2 Fire Flow Loop - North Commercial Area	417,500	72,500	345,000				
W3 4.3 MG Tank Repaint	35,000	35,000					
W5 Asbestos Morganville S. Water Main Replace	86,200	1,200	14,000	71,000			
W6 Asbestos Morganville N. Water Main Replace	52,000			1,000	9,000	42,000	
W8 Pacific Street Water Line Loop	240,000					120,000	120,000
W10 SCADA System Improvements	30,000	5,000	5,000	5,000	5,000	5,000	5,000
W11 Morgan St AC Water Main Replacement	445,000					90,000	355,000
Total Water Reserves & Rates	1,305,700	113,700	364,000	77,000	14,000	257,000	480,000
Water System & Facilities Funding Agmt (WSFFA)							
W1 Springs & Transmission Reconstruction WSFFA	4,735,000	2,645,000	2,090,000				
Total WSFFA Funds	4,735,000	2,645,000	2,090,000				
Grant Funding							
W5 Asbestos Morganville S. Water Main Replace	476,000		90,000	386,000			
W6 Asbestos Morganville N. Water Main Replace	476,000				90,000	386,000	
W11 Morgan St AC Water Main Replacement	445,000					90,000	355,000
Total Grant Funding	1,397,000		90,000	386,000	90,000	476,000	355,000
Sewer Rates							
W10 SCADA System Improvements	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Total PWTF Loan	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Loan From Sewer Reserve							
W7 .5 MG Tank Water Reservoir Recoat	235,000		20,000	215,000			
Total PWTF Loan	235,000		20,000	215,000			
Developer Funding							
W2 Fire Flow Loop - North Commercial Area	417,500	72,500	345,000				
W9 2nd Intertie with City of Tacoma	640,000					130,000	510,000
Total Developer Funding	1,057,500	72,500	345,000			130,000	510,000
Carryover Funds							
W4 Water Comprehensive Plan Update	98,243	98,243					
Total PWTF Loan	98,243	98,243					
TOTAL ESTIMATED FUNDING SOURCES	8,858,443	2,934,443	2,914,000	683,000	109,000	868,000	1,350,000
W7 Loan Repay to Sewer Reserves					48,426	48,426	48,426

Morganville Force Main Reroute

13.12

DESCRIPTION

Reroute the flows from the Morgan Street Sewer pump station from pumping to the Jones Lake Pump Station to pump to the new King County western storage facility. The new force main will be about 3500 feet from Morgan Street west along Roberts Drive and northwest along Lake Sawyer Road East.

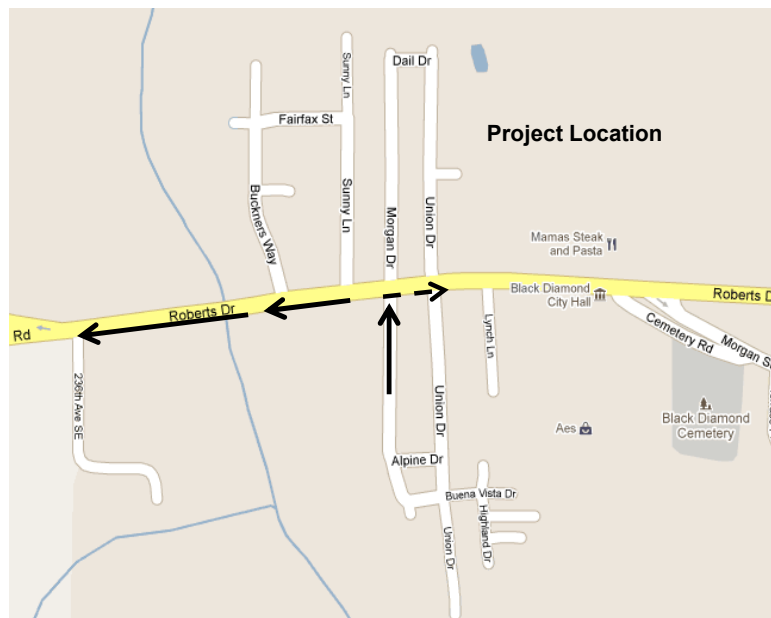
BACKGROUND

This project was programmed to provide capacity for infill in the old part of Black Diamond in the Jones Lake Pump station and save energy from pumping sewage twice. The need has diminished because of the King County approval of a regional discharge location in the western part of Black Diamond, and more than adequate trunk line capacity verified in the main trunk line to the Jones Lake Pump Station. The priority of this project will also be affected if Infiltration and Inflow can be reduced further.

COMMENTS

Developers may want to assist with funding this project in order to temporarily discharge out of basin flows to the Jones Lake Pump Station.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Preliminary Engineering	20,000			20,000			
Design Engineering	40,000				40,000		
Construction Costs	380,000				380,000		
Management / Administration	20,000				20,000		
TOTAL COSTS	460,000			20,000	440,000		
REQUESTED FUNDING							
Sewer Reserve	20,000			20,000			
PWTF Loan	440,000				440,000		
TOTAL SOURCES	460,000			20,000	440,000		
PWTF Loan Repay							
Begins in 2023	48,800					24,400	24,400
Total Debt under Timeframe	48,800					24,400	24,400



Diamond Glen Pump Station Decommissioning

13.12

DESCRIPTION

Remove pumps and equipment and install gravity sewer main to tie into new sewer mains from Master Planned Development to the west.

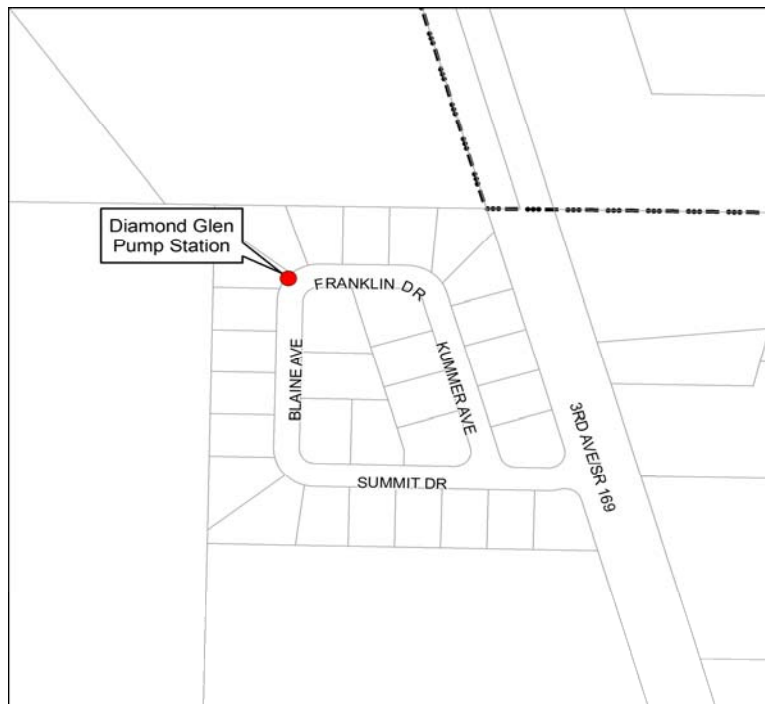
BACKGROUND

Once the development to the west moves forward, the city will have the opportunity to eliminate this small sewer pump station by tying the sewer main in Diamond Glen to gravity sewer mains to the west.

COMMENTS

This project will save maintenance expense and remove surface facilities in the front yard of two homes.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Design Engineering	10,000					10,000	
Construction Costs	30,000						30,000
Management / Administration	5,000					5,000	
TOTAL COSTS	45,000					15,000	30,000
REQUESTED FUNDING							
Sewer Reserves	45,000					15,000	30,000
TOTAL SOURCES	45,000					15,000	30,000



Sewer Department

CAPITAL PROJECT SUMMARY

Summary By Project		Capital Plan 2019 - 2024						
Project Title		Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
S1	Cedarbrook Sewer Main	330,000	35,000	295,000				
S2	Morganville Force Main Reroute	460,000			20,000	440,000		
S3	Diamond Glen Pump Station Decommissioning	45,000					15,000	30,000
TOTAL ESTIMATED COSTS		835,000	35,000	295,000	20,000	440,000	15,000	30,000
Funding Sources								
PWTF Loan Funding								
S1	Cedarbrook Sewer Main	330,000	35,000	295,000				
S2	Morganville Force Main Reroute	440,000				440,000		
Total PWTF Funding		770,000	35,000	295,000		440,000		
Sewer Reserves								
S2	Morganville Force Main Reroute	20,000			20,000			
S3	Diamond Glen Pump Station Decommissioning	45,000					15,000	30,000
Total Sewer Reserves		65,000			20,000		15,000	30,000
TOTAL ESTIMATED FUNDING SOURCES		835,000	35,000	295,000	20,000	440,000	15,000	30,000
DEBT SERVICE								
S1	Cedarbrook Sewer Main	69,270		13,854	13,854	13,854	13,854	13,854
S2	Morganville Force Main Reroute	48,800					24,400	24,400
TOTAL DEBT SERVICE		118,070		13,854	13,854	13,854	38,254	38,254

North Commercial and SR 169 Stormwater Treatment Pond

13.15

DESCRIPTION

Collect storm water runoff from the main commercial area in north Black Diamond and from State Route 169 and route to city property north of the library or combine this stormwater project with the roundabout project at Ravensdale and Roberts Drive.

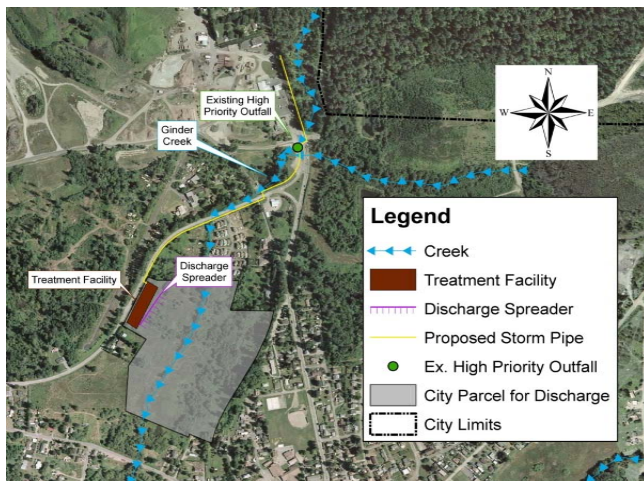
BACKGROUND

Whereas there is a total maximum daily load (TMDL) on Lake Sawyer for phosphorous, the city should look for opportunities to reduce phosphorous inputs from existing untreated stormwater discharges. Stormwater outfall discharges from the commercial area and the state route appear to have the highest pollutant loadings as compared to other city stormwater outfalls.

COMMENTS

The city has completed a partial design for a treatment facility on city property on Roberts Drive. However it appears that combining this stormwater project with the roundabout project can substantially reduce costs and meet all the goals of the project.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Final Engineering Prepare Bid Docs	60,000	60,000					
Services during Construction	50,000		50,000				
Construction	790,000		790,000				
Management / Administration	20,000	10,000	10,000				
TOTAL COSTS	920,000	70,000	850,000				
REQUESTED FUNDING							
KC Water Quality Improvement Prog	243,643	70,000	173,643				
DOE Grant	676,357		676,357				
Opportunity Funds available if needed							
TOTAL SOURCES	920,000	70,000	850,000				



Ginder Creek Headwall

14.16

DESCRIPTION

Reconstruct an 80 foot section of the Ginder Creek Headwall along the north side of Roberts Drive.

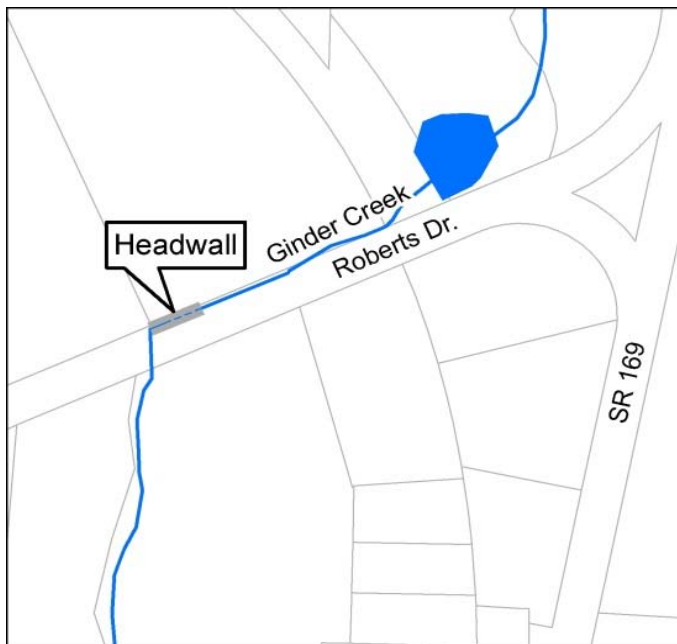
BACKGROUND

The base of the existing concrete headwall was not constructed deep enough so that high flows in Ginder Creek have undermined the headwall, destabilizing the wall. The headwall has been slowly tilting into the Creek. Staff has braced the headwall as an interim step to hold the wall in position.

COMMENTS

This project is needed to protect the roadway and prevent the erosion that would occur if the headwall tipped over. A significant amount of the cost of this project will be related to environmental permitting. This project may get rolled into a larger street reconstruction project if street grants are obtained for this road segment.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Preliminary Engineer/Permitting	25,000		25,000				
Design Engineering	25,000		25,000				
Construction	90,000			90,000			
Management / Administration	10,000		5,000	5,000			
TOTAL COSTS	150,000		55,000	95,000			
REQUESTED FUNDING							
King County Flood Control Grant	85,000		30,000	55,000			
Grant Matching	65,000		25,000	40,000			
TOTAL SOURCES	150,000		55,000	95,000			



Covington Creek Culverts

13.14

DESCRIPTION

Reline the three 6 foot diameter culverts to extend the useful life and install headwalls to improve channelization through the culverts.

BACKGROUND

The summer 2012 inspections found the culverts are nearing the end of their useful life and have serious corrosion and pitting in the lower third of the culverts and a few areas where corrosion has opened holes in the culvert. The three culverts divide the small summer flow leaving only a small amount of water for fish passage. The city began design on a concrete box culvert but found there were too many conflicts to make that replacement work.

COMMENTS

It is highly unlikely that the city would be able to come up with the funding for a bridge alternative (early estimate \$2,000,000). This project refocuses the city's funding to address the impending problem of the deteriorating culverts and improving fish passage.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Design Engineering	93,706	93,706					
Construction	485,473		485,473				
Management / Administration	20,821	8,000	12,821				
TOTAL COSTS	600,000	101,706	498,294				
REQUESTED FUNDING							
Grant Funding	600,000	101,706	498,294				
TOTAL SOURCES	600,000	101,706	498,294				



Basin Study

DESCRIPTION

The first part of the study would evaluate the runoff conditions in Black Diamond within the Lake Sawyer basin, with the goals to determine: 1) Could improvement to the weir be made to attenuate storm peak flows and reduce lake flood events; 2)What can be done to improve instream flows in Covington Creek in the fall, 3)What stormwater policies and standards should be implemented to better address the stormwater runoff conditions of east Black Diamond. The second part of the study would be to investigate the costs of implementing outcomes of the first part and how it should be paid for. Additionally, other lake expenses include dock numbering enforcement, aquatic weeds, water quality testing, removal of dangerous floating debris, removal of derelict boats and docks, weir maintenance and buoy maintenance.

BACKGROUND

In recent years there are numerous needs and issues related to Lake Sawyer, stormwater and the environment that are unfunded. With better information and a potential funding plan an informed policy decision could be made.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Design Engineering	120,000		60,000	60,000			
TOTAL COSTS	120,000		60,000	60,000			
POTENTIAL FUNDING							
WRIA 9 Salmon mitigation	60,000		30,000	30,000			
Stormwater Connection/Res	60,000		30,000	30,000			
TOTAL SOURCES	120,000		60,000	60,000			



Lawson Hills Stormwater Ponds

DESCRIPTION

Reconstruct the two stormwater ponds in Lawson Hills estates to eliminate the conflicts of stormwater treatment and detention from recreational use.

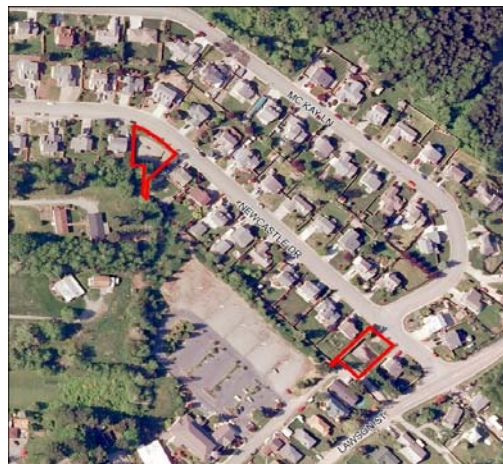
BACKGROUND

The original intent of these storm ponds was to provide joint use for homeowner association provided recreation facilities and city provided stormwater detention and treatment facilities. The configuration hasn't worked very well for stormwater or for recreation. The city would like to work with the homeowners association to put the stormwater facilities underground so that the surface of the lots will be well drained and available for year around recreation and open space for the neighborhood.

COMMENTS

This project would make the stormwater system and the surface park easier to maintain for both agencies. Cooperation and funding commitment from the homeowners association will be needed. Stormwater funding is not available.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
In House Design/ Mgmt	15,000				15,000		
Construction	120,000				120,000		
Management / Administration	5,000				5,000		
TOTAL COSTS	140,000				140,000		
REQUESTED FUNDING							
Stormwater Rates	140,000				140,000		
TOTAL SOURCES	140,000				140,000		



Replace Diamond Glen Storm Pond

DESCRIPTION

If the new regional stormwater facility is constructed for the North Villages Commercial area, this project diverts stormwater from the Diamond Glen local stormwater pond to the regional stormwater facility.

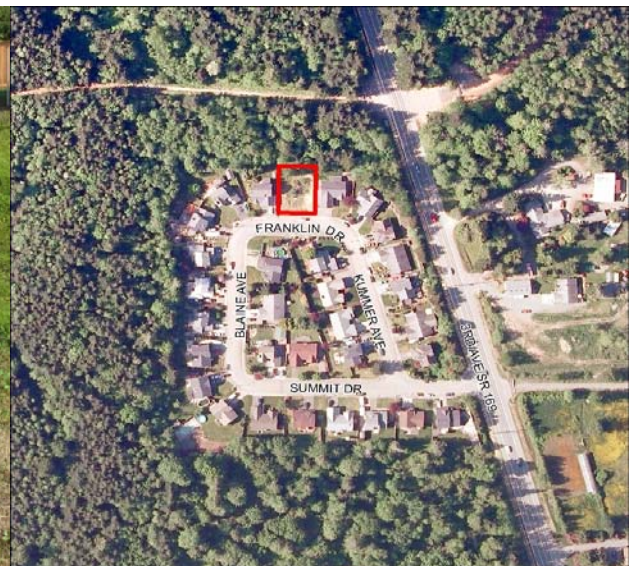
BACKGROUND

Many small stormwater facilities increase the city maintenance costs. Providing a commensurate amount of storage and treatment in the larger regional stormwater pond to the west would allow the land to be reclaimed for a residential lot, improve the neighborhood and lower maintenance costs.

COMMENTS

Legal and planning issues must be addressed before the city property can be sold.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Pay for offsite pond capacity	15,000					15,000	
Design and Bid	10,000					10,000	
Construction	20,000					20,000	
Management / Administration	5,000					5,000	
Return funds to Operations	30,000					30,000	
TOTAL COSTS	80,000					80,000	
REQUESTED FUNDING							
Sale of Lot	80,000					80,000	
TOTAL SOURCES	80,000					80,000	



Park Street Stormwater

DESCRIPTION

Construct a stormwater treatment facility for the stormwater discharge coming off Park Street. This stormwater discharge is the second highest priority to get treated because of the size of the discharge and the pollutants coming off the state route and the old downtown area.

BACKGROUND

The city could construct the treatment facility on the Ginder Creek property.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Design Engineering	50,000						50,000
Environmental Permitting	20,000						20,000
Construction	200,000						200,000
Management / Administration	10,000						10,000
TOTAL COSTS	280,000						280,000
REQUESTED FUNDING							
Stormwater Connection/Res	80,000						80,000
KC WWT Clean Water Fund	200,000						200,000
TOTAL SOURCES	280,000						280,000



Eagle Creek Pond to Park Improvement

DESCRIPTION

Convert the stormwater retention pond at the Eagle Creek Sub-Division to a stormwater /park multi-purpose facility. Add a layer of permeable top soil that will not exceed the design infiltration rate of the storm water retention pond and seed to grass. The area and slopes will be seeded to a nice lawn and the fence removed on the south end of the project.

BACKGROUND

After the construction of this facility, engineering staff observed that surface water infiltration rates **far** exceeded the delivery volumes associated with surface run-off generated within the sub-division. Because of this, the pond is dry throughout the year and can provide an excellent grass lawn open space feature to users of the city parks facility. The conversion of a gravel storm infiltration pond to a stormwater/park multi-purpose facility will improve storm water treatment, improve aesthetics, and provide additional recreation space for citizens.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
In House Planning & Design	3,000		3,000				
In House Construction Cost	15,000		15,000				
TOTAL COSTS	18,000		18,000				
REQUESTED FUNDING							
Stormwater Grant or Other	18,000		18,000				
TOTAL SOURCES	18,000		18,000				



Stormwater Department

CAPITAL PROJECT FUNDING SUMMARY

Summary by Project							
Capital Plan 2019 - 2024							
Project Title	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
D1 N. Commercial St 169 Stormwater Improvements	920,000	70,000	850,000				
D2 Ginder Creek Headwall	150,000		55,000	95,000			
D3 Covington Creek Culverts	600,000	101,706	498,294				
D4 Basin Study	120,000		60,000	60,000			
D5 Lawson Hills Stormwater Ponds Improvement	140,000				140,000		
D6 Diamond Glen Stormwater Pond	80,000					80,000	
D7 Park Street Stormwater	280,000						280,000
D8 Eagle Creek Pond to Park Improvement	18,000		18,000				
TOTAL ESTIMATED EXPENDITURES	2,308,000	171,706	1,481,294	155,000	140,000	80,000	280,000
Funding Sources							
Grants							
D1 N. Commercial St 169 Stormwater Improvements	920,000	70,000	850,000				
D2 Ginder Creek Headwall	85,000		30,000	55,000			
D3 Covington Creek Culverts	600,000	101,706	498,294				
D7 Park Street Stormwater	200,000						200,000
D8 Eagle Creek Pond to Park Improvement	18,000		18,000				
Total Grants	1,823,000	171,706	1,396,294	55,000			200,000
Stormwater Funding							
D4 Basin Study	60,000		30,000	30,000			
D5 Lawson Hills Stormwater Ponds Improvement	140,000				140,000		
D7 Park Street Stormwater	80,000						80,000
Total Stormwater Funding	280,000		30,000	30,000	140,000		80,000
Sale of Land (Stormwater Funds)							
D6 Diamond Glen Stormwater Pond	80,000					80,000	
Total Sale of Land	80,000					80,000	
WIRA 9 Salmon Mitigation Funds							
D4 Basin Study	60,000		30,000	30,000			
Total WIRA 9 Funding	60,000		30,000	30,000			
Grant Matching							
D2 Ginder Creek Headwall	65,000		25,000	40,000			
Total Grant Matching	65,000		25,000	40,000			
TOTAL ESTIMATED FUNDING SOURCES	2,308,000	171,706	1,481,294	155,000	140,000	80,000	280,000

Cross Departmental Projects

All 1

Public Works Facility Improvements

DESCRIPTION

With more equipment, more record keeping needs, growing staff, need for materials handling site, more operations office work, more equipment repair space needs, more dry storage needs and meetings/training room needs, improvements to the Public Works Facilities will be needed.

BACKGROUND

This infrastructure need is proposed as a step by step improvement to the PW facilities rather than a major one time improvement. In the past the city has added the equipment wash facility, new doors and dividing wall for better use of the ware house, new roof on the warehouse and the shop and added employee offices and lunch room space.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
In House Design & Permitting	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Construction Costs	120,000	20,000	20,000	20,000	20,000	20,000	20,000
TOTAL COSTS	150,000	25,000	25,000	25,000	25,000	25,000	25,000
REQUESTED FUNDING							
Real Estate Excise Tax II	150,000	25,000	25,000	25,000	25,000	25,000	25,000
TOTAL SOURCES	150,000	25,000	25,000	25,000	25,000	25,000	25,000



City of Sammamish



Cross Departmental Projects

All 2

Equipment Replacement Program

DESCRIPTION

Replace and purchase new equipment as needed for the Public Works Department needs, with regular, fairly distributed, expenses to the various departments.

BACKGROUND

The current funding level which has been in place for about 10 years appears to be enough to meet the current needs of the department. No adjustments are currently being recommended.

CAPITAL PROJECT COSTS	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
Contribution to Equipment Fund	282,000	47,000	47,000	47,000	47,000	47,000	47,000
TOTAL COSTS	282,000	47,000	47,000	47,000	47,000	47,000	47,000
REQUESTED FUNDING							
Water Department	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Street Department	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Stormwater Department	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Parks, Cemetery, Facilities	42,000	7,000	7,000	7,000	7,000	7,000	7,000
Sewer Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
TOTAL SOURCES	282,000	47,000	47,000	47,000	47,000	47,000	47,000

Public Works Equipment Replacement Plan	2019	2020	2021	2022	2023	2024
Mini Trackhoe (JD 35 or equal) & Trailer	130,000					
1/2 Ton Utility Truck 4x4 ('98 Red Silverado)	40,000					
2005 White Dodge 4x4		40,000				
1998 White Ford Dump Truck			50,000			
Backhoe				125,000		
Ferris Zero Turn Mower				12,000		
Shoulder Mower					80,000	
1983 C/R Utility Trailer					5,000	
2005 Chevy 4500 Flatbed Dump Truck						45,000
Street Sweeper						50,000
Totals	\$ 170,000	\$ 40,000	\$ 50,000	\$ 137,000	\$ 85,000	\$ 95,000



Capital Improvement Program 2019 - 2014

Equipment Replacement Cash Flow

PWERS

DESCRIPTION

The City maintains an equipment replacement schedule for Public Works shared vehicles and equipment.

BACKGROUND

Operations equipment is scheduled for replacement when maintenance costs exceed replacement cost or as safety dictates.

	2018	2019	2020	2021	2022	2023	2024
REVENUE							
Beginning Fund Balance	258,647	204,269	81,269	88,269	85,269	4,731	42,731
Cemetery & Parks REET I	7,000	7,000	7,000	7,000	7,000	7,000	7,000
Street Contribution	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Water Contribution	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Sewer Contribution	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Stormwater Contribution	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Revenue Total	47,000	47,000	47,000	47,000	47,000	47,000	47,000
Available Funding	305,647	251,269	128,269	135,269	132,269	42,269	4,269
EXPENDITURES							
Replace John Deere riding mower (zero turn)	15,000						
Replace Ferris zero turn/deck mower (x2)					12,000		
New 1/2 ton utility truck 4x4 (98 Silverado)		40,000					
Sewer Jet Roddr Mtc	20,000						
Backhoe					125,000		
Mini trackhoe & trailer		130,000					
Ford 2000 4 wheel drive (Justin)				50,000			
Shoulder Mower (existing)						80,000	
Cemetery casket lowering device	5,000						
Vacuum Trailer							50,000
2000 Gray Chevy Silverado (Kevin)	40,000						
2005 White Dodge 4x4 (Dan)			40,000				
2005 Chevy 4500 Flatbed Dump Truck							45,000
1983 C/R Trailer						5,000	
Computers & Radio's	21,378						
Totals	101,378	170,000	40,000	50,000	137,000	85,000	95,000
Ending Fund Balance	204,269	81,269	88,269	85,269	4,731	42,731	90,731

Public Works Cross Departmental Projects

CAPITAL PROJECT SUMMARY

Summary By Project		Capital Plan 2019 - 2024					
Project Title	Total \$ 2019 - 2024	2019	2020	2021	2022	2023	2024
A1 Upgrade Utility Staff Facilities	150,000	25,000	25,000	25,000	25,000	25,000	25,000
A2 Equipment Replacement Program	282,000	47,000	47,000	47,000	47,000	47,000	47,000
TOTAL ESTIMATED COSTS	432,000	72,000	72,000	72,000	72,000	72,000	72,000
Funding Sources							
Real Estate Excise Tax							
A1 Real Estate Excise Tax II	150,000	25,000	25,000	25,000	25,000	25,000	25,000
Department Contributions							
A2 Water Department	60,000	10,000	10,000	10,000	10,000	10,000	10,000
A2 Street Department	60,000	10,000	10,000	10,000	10,000	10,000	10,000
A2 Stormwater Department	60,000	10,000	10,000	10,000	10,000	10,000	10,000
A2 Parks, Cemetery, Facilities	42,000	7,000	7,000	7,000	7,000	7,000	7,000
A2 Sewer Funds	60,000	10,000	10,000	10,000	10,000	10,000	10,000
TOTAL ESTIMATED FUNDING SOURCES	432,000	72,000	72,000	72,000	72,000	72,000	72,000

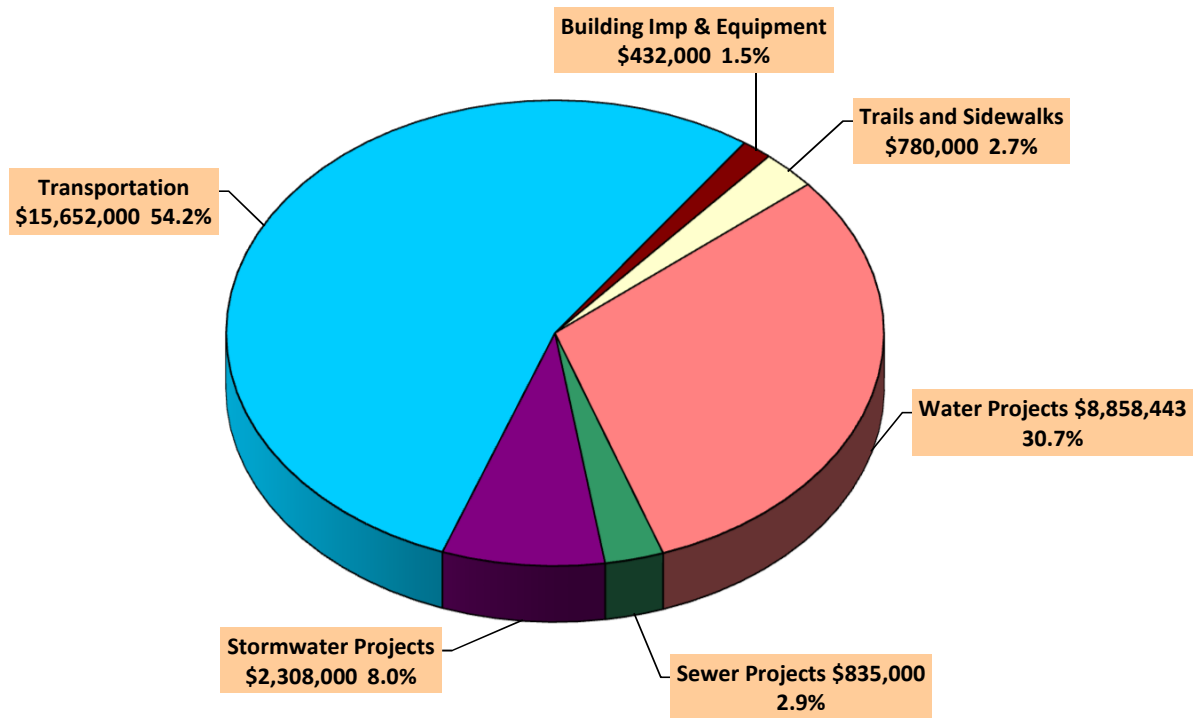
Public Works Project Areas

Capital Improvement Plan 2019 - 2024

EXPENSES

	Total \$ Project 2019 - 2024	2019	2020	2021	2022	2023	2024
CAPITAL PROJECTS							
Transportation	15,652,000	1,365,000	4,402,000	7,745,000	435,000	1,635,000	70,000
Building Imp & Equipment	432,000	72,000	72,000	72,000	72,000	72,000	72,000
Trails and Sidewalks	780,000		200,000	550,000	30,000		
Water Projects	8,858,443	2,934,443	2,914,000	683,000	109,000	868,000	1,350,000
Sewer Projects	835,000	35,000	295,000	20,000	440,000	15,000	30,000
Stormwater Projects	2,308,000	171,706	1,481,294	155,000	140,000	80,000	280,000
TOTAL COSTS	\$28,865,443	\$4,578,149	\$9,364,294	\$9,225,000	\$1,226,000	\$2,670,000	\$1,802,000

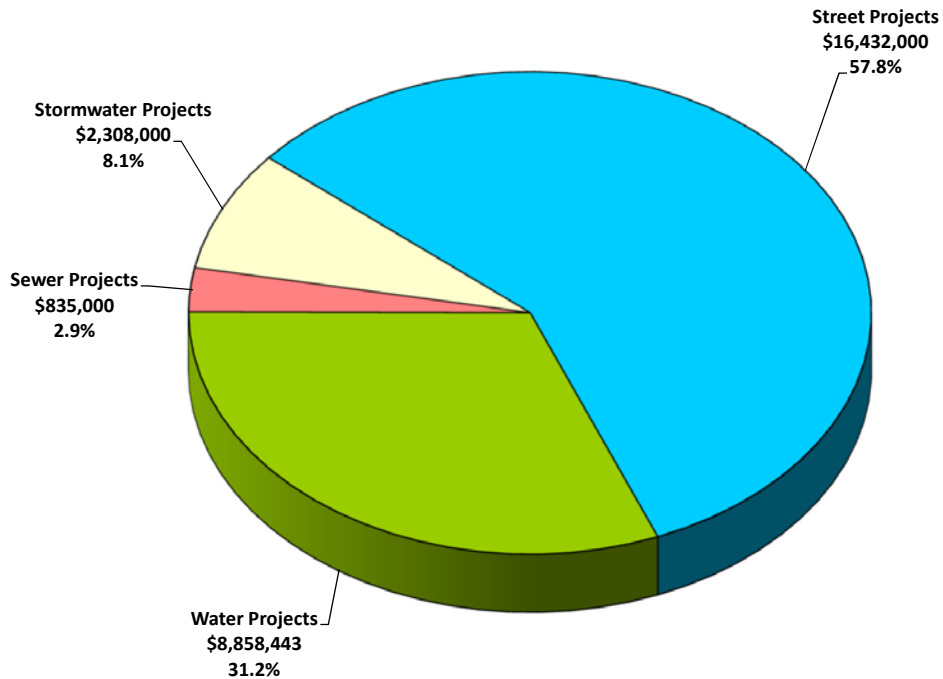
Public Works Projects Summary



Public Works Fund Summary
Capital Improvement Plan 2019 - 2024

Funds	Total \$ Project 2019 - 2024	2019	2020	2021	2022	2023	2024
Street Projects	16,432,000	1,365,000	4,602,000	8,295,000	465,000	1,635,000	70,000
Water Projects	8,858,443	2,934,443	2,914,000	683,000	109,000	868,000	1,350,000
Sewer Projects	835,000	35,000	295,000	20,000	440,000	15,000	30,000
Stormwater Projects	2,308,000	171,706	1,481,294	155,000	140,000	80,000	280,000
All PW Departments	432,000	72,000	72,000	72,000	72,000	72,000	72,000
TOTAL Projected Expenditures	\$ 28,865,443	\$4,578,149	\$9,364,294	\$9,225,000	\$1,226,000	\$2,670,000	\$1,802,000

Public Works CIP Projects by Fund
Total: \$28,865,443



CIP Public Works Summary Capital Improvement Plan 2019 - 2024

		Total \$ Project 2019 - 2024	2019	2020	2021	2022	2023	2024
ALL DEPARTMENT PROJECTS								
A1	Upgrade Utility Staff Facilities	150,000	25,000	25,000	25,000	25,000	25,000	25,000
A2	Equipment Replacement Program	282,000	47,000	47,000	47,000	47,000	47,000	47,000
ALL DEPARTMENT PROJECTS		432,000	72,000	72,000	72,000	72,000	72,000	72,000
STREET PROJECTS								
T1	General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2	Grant Matching Project	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T3	Roberts Drive Improvements - 236th to Bruckners	820,000	820,000					
T4	SR 169 Roundabouts	12,000,000	420,000	4,080,000	7,500,000			
T5	Park St. & SR 169 Intersection Safety Improve.	30,000	30,000					
T6	Morgan Creek Seal Coat Preservation	107,000		107,000				
T7	232nd Ave. SE Overlay, SE 288th to SE 293rd	175,000			175,000			
T8	Downtown Public Parking	145,000	25,000	120,000				
T9	SR 169 - James St. to Roberts Dr. Sidewalk	550,000		150,000	400,000			
T10	216th Ave SE Overlay	180,000					180,000	
T11	Morgan Creek Pedestrian Connector	200,000		50,000	150,000			
T12	Roberts Dr. Rehab - Library to SR 169	1,750,000				365,000	1,385,000	
T13	224th Guardrail at Covington Creek	25,000		25,000				
T14	Downtown Pedestrian and Bicycle Link Study	30,000				30,000		
STREET PROJECTS		16,432,000	1,365,000	4,602,000	8,295,000	465,000	1,635,000	70,000
WATER PROJECTS								
W1	Springs & Transmission Reconstruction WSFFA	4,735,000	2,645,000	2,090,000				
W2	Fire Flow Loop - North Commercial Area	835,000	145,000	690,000				
W3	4.3 MG Tank Repaint	35,000	35,000					
W4	Water Comprehensive Plan Update	98,243	98,243					
W5	Asbestos Morganville S. Water Main Replace	562,200	1,200	104,000	457,000			
W6	Asbestos Morganville N. Water Main Replace	528,000			1,000	99,000	428,000	
W7	.5 MG Tank Water Reservoir Recoat	235,000		20,000	215,000			
W8	Pacific Street Water Line Loop	240,000					120,000	120,000
W9	2nd Intertie with City of Tacoma	640,000					130,000	510,000
W10	SCADA System Improvements	60,000	10,000	10,000	10,000	10,000	10,000	10,000
W11	Morgan St AC Water Main Replacement	890,000					180,000	710,000
WATER PROJECTS		8,858,443	2,934,443	2,914,000	683,000	109,000	868,000	1,350,000
SEWER PROJECTS								
S1	Cedarbrook Sewer Main	330,000	35,000	295,000				
S2	Morganville Force Main Reroute	460,000			20,000	440,000		
S3	Diamond Glen Pump Station Decommissioning	45,000					15,000	30,000
SEWER PROJECTS		835,000	35,000	295,000	20,000	440,000	15,000	30,000
STORMWATER PROJECTS								
D1	N. Commercial St 169 Stormwater Improvements	920,000	70,000	850,000				
D2	Ginder Creek Headwall	150,000		55,000	95,000			
D3	Covington Creek Culverts	600,000	101,706	498,294				
D4	Basin Study	120,000		60,000	60,000			
D5	Lawson Hills Stormwater Ponds Improvement	140,000				140,000		
D6	Diamond Glen Stormwater Pond	80,000					80,000	
D7	Park Street Stormwater	280,000						280,000
D8	Eagle Creek Pond to Park Improvement	18,000		18,000				
STORMWATER PROJECTS		2,308,000	171,706	1,481,294	155,000	140,000	80,000	280,000
TOTAL PUBLIC WORKS CAPITAL PROJECTS		28,865,443	4,578,149	9,364,294	9,225,000	1,226,000	2,670,000	1,802,000

CIP Public Works Summary

FUNDING SUMMARY, Cont.

		Total \$ Project 2019 - 2024	2019	2020	2021	2022	2023	2024
REET II Funding								
A1	Facility Upgrades	150,000	25,000	25,000	25,000	25,000	25,000	25,000
T1	General Street Improvement	180,000	30,000	30,000	30,000	30,000	30,000	30,000
T2	Grant Matching	240,000	40,000	40,000	40,000	40,000	40,000	40,000
T3	Roberts Drive Improvements - 236th to Bruckners	100,000	100,000					
T3	Roberts Drive Improvements - 236th to Bruckners	40,000	40,000					
T6	Morgan Creek Seal Coat Preservation	57,000		57,000				
T7	232nd Ave. SE Overlay, SE 288th to SE 293rd (Grant Match)	26,250			26,250			
T8	Downtown Public Parking	37,000	25,000	12,000				
T9	SR 169 - James St. to Roberts Dr. Sidewalk	82,500		22,500	60,000			
T10	216th Ave SE Overlay	27,000					27,000	
T12	Roberts Dr. Rehab - Library to SR 169	262,500				54,750	207,750	
T13	224th Guardrail at Covington Creek	25,000		25,000				
T14	Downtown Pedestrian and Bicycle Link Study	3,000				3,000		
D2	Ginder Creek Headwall (Grant Match)	65,000		25,000	40,000			
Total REET II Funding		1,295,250	260,000	236,500	221,250	152,750	329,750	95,000
Water Reserves and Rates								
A2	Equipment Replacement Program	60,000	10,000	10,000	10,000	10,000	10,000	10,000
W2	Fire Flow Loop - North Commercial Area	417,500	72,500	345,000				
W3	4.3 MG Tank Repaint	35,000	35,000					
W5	Asbestos Morganville S. Water Main Replace	86,200	1,200	14,000	71,000			
W6	Asbestos Morganville N. Water Main Replace	52,000			1,000	9,000	42,000	
W8	Pacific Street Water Line Loop	240,000					120,000	120,000
W10	SCADA System Improvements (Water Rates)	30,000	5,000	5,000	5,000	5,000	5,000	5,000
W11	Morgan St AC Water Main Replacement	445,000					90,000	355,000
Total Water Reserves and Rates		1,365,700	123,700	374,000	87,000	24,000	267,000	490,000
Sewer Reserves and Rates								
A2	Equipment Replacement Program	60,000	10,000	10,000	10,000	10,000	10,000	10,000
S2	Morganville Force Main Reroute	20,000			20,000			
S3	Diamond Glen Pump Station Decommissioning	45,000					15,000	30,000
W10	SCADA System Improvements (Sewer Rates)	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Total Sewer Reserves		155,000	15,000	15,000	35,000	15,000	30,000	45,000
Stormwater Funding								
A2	Equipment Replacement Program	60,000	10,000	10,000	10,000	10,000	10,000	10,000
D4	Basin Study	60,000		30,000	30,000			
D5	Lawson Hills Stormwater Ponds Improvement	140,000				140,000		
D7	Park Street Stormwater	80,000						80,000
Total Stormwater Funding		340,000	10,000	40,000	40,000	150,000	10,000	90,000
Street Funding								
A2	Equipment Replacement Program	60,000	10,000	10,000	10,000	10,000	10,000	10,000
T6	Morgan Creek Seal Coat Preservation	50,000		50,000				
Total Street Funding		110,000	10,000	60,000	10,000	10,000	10,000	10,000
Parks Funding								
A2	Equipment Replacement Program	42,000	7,000	7,000	7,000	7,000	7,000	7,000
Total Parks Funding		42,000	7,000	7,000	7,000	7,000	7,000	7,000

CIP Public Works Summary FUNDING SUMMARY, Cont.								
	Total \$ Project 2019 - 2024	2019	2020	2021	2022	2023	2024	
Developer, Impact Fees and/or SEPA								
T3 Roberts Drive Improvements - 236th to Bruckners	80,000	80,000						
T4 SR 169 Roundabouts	11,800,000	420,000	3,880,000	7,500,000				
T5 Park St&SR 169 Intersection Safety Impr (Mitigaton Funds)	30,000	30,000						
T5 Park St. & SR 169 Intersection Safety Improve.	200,000		50,000	150,000				
W2 Fire Flow Loop - North Commercial Area	417,500	72,500	345,000					
W9 2nd Intertie with City of Tacoma	640,000					130,000	510,000	
Total Developer, Street Impact and/or SEPA Fees	13,167,500	602,500	4,275,000	7,650,000		130,000	510,000	
Grants								
T3 Roberts Drive Improvements (TIB Grant)	600,000	600,000						
T4 SR 169 Roundabouts	200,000		200,000					
T7 232nd Ave. SE Overlay, SE 288th to SE 293rd	148,750			148,750				
T8 Downtown Public Parking	108,000		108,000					
T9 SR 169 - James St. to Roberts Dr. Sidewalk	467,500		127,500	340,000				
T10 216th Ave SE Overlay (TIB Grant)	153,000					153,000		
T12 Roberts Dr. Rehab - Library to SR 169	1,487,500				310,250	1,177,250		
T14 Downtown Pedestrian & Bicycle Link Study (Ped. Grant)	27,000				27,000			
W5 Asbestos Morganville S. Water Main Replace (CDBG)	476,000		90,000	386,000				
W6 Asbestos Morganville N. Water Main Replace (CDBG)	476,000				90,000	386,000		
W11 Morgan St AC Water Main Replacement (CDBG)	445,000					90,000	355,000	
D1 N. Commercial St 169 Stormwater Improvements	920,000	70,000	850,000					
D2 Ginder Creek Headwall (KC Flood Control Grant)	85,000		30,000	55,000				
D3 Covington Creek Culverts (Stormwater Grant)	600,000	101,706	498,294					
D4 Basin Study (WIRA 9)	60,000		30,000	30,000				
D7 Park Street Stormwater (KC-WW3)	200,000						200,000	
D8 Eagle Creek Pond to Park Improvement (Stormwater Grant)	18,000		18,000					
Total Grants	6,471,750	771,706	1,951,794	959,750	427,250	1,806,250	555,000	
Loans								
W7 .5 MG Tank Water Reservoir Recoat (Sewer Reserve Loan)	235,000		20,000	215,000				
S1 Cedarbrook Sewer Main	330,000	35,000	295,000					
S2 Morganville Force Main Reroute	440,000				440,000			
Total Loans	1,005,000	35,000	315,000	215,000	440,000			
Sale of Land								
D6 Diamond Glen Stormwater Pond	80,000					80,000		
Total Sale of Land	80,000					80,000		
Carryover/Beginning Fund Balance								
W4 Water Comprehensive Plan Update	98,243	98,243						
Total Carryover Funds	98,243	98,243						
Water Facilities and Funding Agreement (WSFFA)								
W1 Springs & Transmission Reconstruction WSFFA	4,735,000	2,645,000	2,090,000					
Total WSFFA	4,735,000	2,645,000	2,090,000					
Grand Total Public Works CIP Funding	28,865,443	4,578,149	9,364,294	9,225,000	1,226,000	2,670,000	1,802,000	
DEBT SERVICE								
S1 Cedarbrook Sewer Main 20 yr 1% PWTF - (Sewer Res)	69,270		13,854	13,854	13,854	13,854	13,854	
S2 Morganville Force Main Reroute 20 yr 1% PWTF (Sewer Res)	48,800					24,400	24,400	
W7 .5 MG Tank Water Reservoir Recoat (Sewer Loan to Water)	145,278				48,426	48,426	48,426	
TOTAL DEBT SERVICE	263,348		13,854	13,854	62,280	86,680	86,680	

REET II ANALYSIS SUMMARY (Fund 320)

Capital Improvement Plan 2019 - 2024

REET II - REVENUE		Capital Improvement Plan 2019 - 2024					
	Est. Ending Balance	2019	2020	2021	2022	2023	2024
Beg Fund Balance 321		139,055	55,105	21,919	34,853	136,792	32,774
REET Revenue (annual)							
1/4 of 1% REET - Existing Property		102,500	108,742	115,267	122,085	129,209	137,838
1/4 of 1% REET - Other new homes and Plats		73,550	94,572	118,917	132,605	96,524	105,061
Subtotal REET II Revenue		176,050	203,314	234,184	254,690	225,732	242,898
TOTAL Avail. Balance for Public Works Projects		315,105	258,419	256,103	289,542	362,524	275,673
REET II - PROJECT EXPENDITURES		Capital Improvement Plan 2019 - 2024					
		2019	2020	2021	2022	2023	2024
All Departments							
A1 Facility Upgrades		25,000	25,000	25,000	25,000	25,000	25,000
Street Projects							
T1 General Street Improvement		30,000	30,000	30,000	30,000	30,000	30,000
T2 Grant Matching		40,000	40,000	40,000	40,000	40,000	40,000
T3 Roberts Drive Impr - 236th - Bruckners		100,000					
T3 Roberts Drive Impr - 236th - Bruckners Grant Match		40,000					
T6 Morgan Creek Seal Coat Preservation			57,000				
T7 232nd Ave. SE Overlay, SE 288th to SE 293rd				26,250			
T8 Downtown Public Parking		25,000	12,000				
T9 SR 169 - James St. to Roberts Dr. Sidewalk			22,500	60,000			
T10 216th Ave SE Overlay						27,000	
T12 Roberts Dr. Rehab - Library to SR 169					54,750	207,750	
T13 224th Guardrail at Covington Creek			25,000				
T14 Downtown Pedestrian and Bicycle Link Study					3,000		
Stormwater							
D2 Ginder Creek Headwall			25,000	40,000			
Total REET II Projects		260,000	236,500	221,250	152,750	329,750	95,000
REET II left for next year (Ending Balance)	139,055	55,105	21,919	34,853	136,792	32,774	180,673
REET based on Houses sold		2019	2020	2021	2022	2023	2024
Existing Property Sales (in 000's)		100 @ \$410	100 @ \$422	100 @ \$435	100 @ \$448	100 @ \$461	100 @ \$475
Other new homes sales (in 000's)		62 @ \$410	82 @ \$422	102 @ \$435	105 @ \$448	75 @ \$461	80 @ \$475



CITY OF BLACK DIAMOND

2018 Schedule

2019 – 2024 Capital Improvement Plan (CIP)

	Process	Internal Due Date	Workstudy	City Council Meetings
1	CIP Worksheets to affected departments	March 1		
2	Departments Update detailed requests and submit to Finance	April 1 – May 26		
3	Finance combines revenue and all Department requests for review by Mayor and Management Team for priorities and balancing.	By June 29		
4	Finance and Management Team meet with Mayor to review Workstudy projects & revenue, and presentations.	By June 29		
5	CIP Workstudy – Public Works		July 12	
6	CIP Special Workstudy – Non Public Works		July 26	
7	Public Hearing for 2019 – 2024 CIP	July 16 - to newspaper		Aug 2
8	Council adopts 2019 – 2024 CIP			Aug 16