

Council Study Session

March 19, 2018

Title:	Capital Improvements Plan Update	
Item Type:	Information	
Requested by Council?	Yes	
From:	Paula C. Brown, PE	Public Works Director
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Discussion Questions:

Does Council have questions or comments on the current status of the 2017-19 Biennium Budget's Capital Improvements Plan?

Resource Requirements:

Each project has been approved and has a funding mechanism in place. Details of costs are shown on the attached CIP spreadsheet that was included in the budget. At this time, there are no cost changes that have not already been brought to Council for approval.

Policies, Plans and Goals Supported:

City Council:

21. be proactive in using best practices in infrastructure management and modernization

Department Goals:

- Maintain existing infrastructure to meet regulatory requirements and minimize life-cycle costs
- Deliver timely life cycle capital improvement projects
- Maintain and improve infrastructure that enhances the economic vitality of the community
- Evaluate all city infrastructure regarding planning management and financial resources

Suggested Next Steps:

Continue to solicit CIP updates from staff twice a year and request that staff bring specific items to council for approvals as necessary.

Background and Additional Information:

The projects included in the Public Work's CIP are found in each division's budget. Most of the projects are a result of individual master plans that help inform the condition and status of the City's infrastructure. Of the \$106 million public works budget over the 2017-19 biennium, approximately 38% or \$40.5 million is set aside for capital projects. The City distinguishes capital projects from general maintenance items. Capital projects are typically for new construction, expansion, major renovations, replacements, or projects that substantially increase the life of an asset. There are 28 listed CIP projects for year one – FY18. The approved 2017-19 CIP summary is shown in attachment 1. Many of these projects are multi-year and some have multiple funding sources. Details are found in the budget document.

To help make this informational item easier to follow, the project listing follows the one-page spreadsheet CIP summary, not the order of the budget document. Page numbers of the specific division and where these projects may be found in the budget document are listed in the text narrative. This is similar to the update provided to Council on [January 16th](#), and changes are in **yellow**.

Roadway Projects:

- Railroad Crossing Improvements: Hersey and Laurel [p. 2-64] (back on schedule)
 - This project has been in the works for many years and is dependent upon the railroad for funding.
 - Design (OBEC) is in final review. Construction could begin as early as summer.
- Independent Way – Washington Street to Tolman Creek Road [p. 2-64] (on schedule)
 - Design (Thornton) of this new street is **nearing completion awaiting final review and acceptance from other regulatory agencies.**
 - Staff has submitted a request to the Rogue Valley Metropolitan Planning Organization to utilize funds previously approved for the Nevada Street Bridge.
 - It is anticipated that construction could start **next spring.**
 - Costs expended to date are for right of way purchases and design.
- N. Main Refuge Island [p. 2-65] (on schedule)
 - Council was apprised of the status and details of this project in November 2017 as part of the “Road Diet” update.
 - Design is largely complete and staff is working with ODOT on approvals.
 - Construction could begin as early as late spring.
- Overlay/Partial Rebuild N. Mountain Avenue from Hersey to I-5 [p. 2-67] (on schedule)
 - This project was identified and preliminary design completed several years ago.
 - With the new ADA requirements, staff is assessing compliance concerns and will add ADA accessibility to the design.
 - For cost efficiency, staff intends to package the overlay projects together into one construction project later this summer.
- Overlay Wightman from Quincy to Siskiyou [p. 2-67] (back on schedule)
 - This project was identified and preliminary design completed several years ago.
 - With the new ADA requirements, staff is assessing compliance concerns and will add ADA accessibility to the design.
 - For cost efficiency, staff intends to package the overlay projects together into one construction project later this summer.
- Repave/Rebuild Hersey Street from N Main to N Mountain [p. 2-68] (on schedule)
 - This project is a full rebuild and will address underground water issues.
 - Design **was** awarded to OBEC in February 2018 **and survey work has begun.**
 - ADA requirements will be addressed.
 - Construction is planned for FY19.
- *Hersey Street Sideways (CMAQ) from N Main to Oak [p. 2-69] (**complete**)*
 - *This project was partially funded through ODOT’s CMAQ program.*
 - *Total cost was \$880,481 (design, right of way and construction with the City paying \$421,408.*
- Downtown ADA Ramp Replacement [p. 2-69] (on schedule)
 - ODOT provided a grant to replace handicap ramps within the downtown corridor.
 - The first phase of the project addresses ramps along the Lithia Way at 3rd Street.

- Design (CEC) is at ODOT for review. Costs to date \$7,917.50.
- N Main Street RRFB – Nursery and Van Ness [p. 2-70] (on schedule)
 - Council was apprised of the status and details of this project in November 2017 as part of the “Road Diet” update.
 - Design (Parducci) is progressing and being updated for ADA considerations and ODOT comments.
 - Construction could begin as early as summer.

Airport:

- Pavement Maintenance Program [p. 2-73] (**complete**)
 - Oregon Department of Aviation (ODA) manages a pavement inspection and maintenance program for all Airports within the State.
 - As a result of this assessment, the City received a grant for various pavement maintenance including, crack sealing, asphalt patching and slurry seal.
 - Total cost \$200,051.58; fully reimbursed through ODA.

Water:

- Ashland (TID) Canal Piping [p. 2-75] (on schedule)
 - This project addresses bacteria and water quality for the use of TID raw water as well as improves water conservation. Financing is through a DEQ CWSRF loan.
 - Total cost over the biennium is projected at \$1.5M.
 - Design has started (Adkins Engineering) and the initial neighborhood meeting was conducted. The larger community meeting is scheduled for April 18th.
- TID Terrace Street Pump Station [p. 2-75] and Park Estates Pump Station [p. 2-84] (on schedule – costs increased for full replacement)
 - Both projects are financed by the Oregon Infrastructure Finance Authority (IFA) loan. Total cost over biennium is \$3 M.
 - Construction bids were opened on February 14, 2018. Staff received a protest and is working through that process and will take the construction contract to Council for approval on March 20th.
 - Anticipate construction to start in April with a 10 month completion period.
- Reeder Reservoir Access Road Improvements [p. 2-76] (being scheduled)
 - This project improves access to the plant and is contingent upon the outcome of the cost comparisons and ultimate plant location.
- East and West Fork Transmission Line Rehabilitation [p. 2-76] (being scheduled)
 - Year one includes costs of design and permitting to replace or slipline the piping
 - Staff is in the process of drafting the solicitation.
- 2.5 MGD Water Treatment Plan [p. 2-79] (schedule in revision)
 - This project was budgeted for \$14.9 M over the biennium
 - Project is delayed awaiting cost comparison between enhancing the existing plant or building a new plant (see Council discussion [November 6, 2017](#))
 - This is scheduled to come back to council at the April 2nd study session.
- 2.6 MG Reservoir and Clearwell/Crowson II [p. 2-79] (schedule in revision)
 - This project was budgeted for \$8.4 M over the biennium
 - Project is delayed awaiting the water master plan and needs assessment
- Permanganate Feed Facility Study and Improvements [p. 2-80]
 - This project will help to reduce taste and odor concerns with the use of TID water and has been incorporated into the Terrace Street Pump Station project.
 - Funding has likewise shifted to the Terrace Street Pump Station project.

- Park Estates Pump Station [p. 2-84] (on schedule – costs increased for full replacement)
 - See TID Terrace Street Pump Station above
- Granite Reservoir Valving [p. 2-90] (on schedule)
 - This project is being validated with the current water master plan update and insures adequate pumping of TAP water from Granite Reservoir to Crowson.
 - It will be completed late this summer based on the Master Plan.
- Mainline Replacement – Siskiyou Blvd; Crowson to I-5 exit 11 [p. 2-85] (on schedule)
 - This project replaces and upsizes an existing 2” line.
 - Design (in-house) is complete. Staff will bid the construction project this spring.
- Mainline Replacement – Oak Street Nevada to Bear Creek Bridge [p. 2-85] (on schedule)
 - This project replaces and upsizes an existing 2” line.
 - Staff will design this in-house and bid the project this fall for construction.

Wastewater:

- WWTP Outfall Relocation and fish screen [p. 2-95] (on schedule)
 - This project includes the outfall relocation study and the cost of design.
 - The project will enable thermal improvements in Ashland Creek.
 - CH2M Hill has begun preliminary design and permitting. Staff has requested a second look at an alternate route. Staff will host an agency meeting later in March. Phase I design is scheduled for completion in December 2018.
 - Final Design and construction will be phased with approval by the Department of Environmental Quality with the new outfall discharge permit.
- WWTP Temperature Credits through Trading/Shading [p. 2-95] (on schedule)
 - Staff has received concurrence on the Temperature Trading Plan from DEQ. This plan will be formally approved during the DEQ permitting process.
 - Anticipate the true start of the shading program in late spring 2018.
- WWTP New Oxidation Ditch [p. 2-96] (on schedule, but slowing down)
 - Staff is carefully reviewing the timing of this project and the new DEQ permit.
 - The RFQ is written and could be released this summer.
- Collection Line Upsizing – Trunkline along Bear Creek [p. 2-9] (reviewing schedule)
 - Staff will look at two things prior to beginning the design of this project;
 - infiltration and inflow at the surge points and
 - true capacity needs and constraints in the existing lines
 - Staff anticipates a reduction in scope
- Grandview Pump Station Replacement [p. 2-98] (on schedule)
 - Construction was awarded to Ledford Construction in January 2018 (\$322,000).
 - Anticipate completion late March/early April 2018.
- Collection Line Replacement – A Street [p. 2-98] (on schedule)
 - This project is scheduled for design in FY18 and construction the following year.
 - Staff is assessing utility needs in A Street and may be able to design in house.

Facilities:

- City Facilities [p. 2-59]
 - The budget includes \$177,500 a year to source facilities upgrades and maintenance, major repairs, not included in regular maintenance; such as minor roof repairs, building repainting and HVAC system.
 - Funding for the facility studies and conceptual designs are a separate line item, not CIP.

Attachments:

2017-19 CIP summary

Additional Links:

[2017-19 Biennium Budget; PW begins on page 2-57](#)

FY18 CAPITAL IMPROVEMENT PROJECTS

PW Project #	PROJECT NAME	PROPOSED 2017-18	ACTUAL 2017-18 (+ prior yr)	DESIGN START	DESIGN FINISH	CONST START	CONST FINISH	Comments
	Roadway							
2011-36	Railroad Crossing Improvements; Hersey & Laurel	\$ 450,000	\$ 27,476	X				Final review plans at ODOT (RR approved)
2013-25	Independent Way - Washington St to Tolman Creek Rd	\$ 1,590,000	\$ 476,637	X				Thornton at 70% design; seeking ODOT/MPO const funding (\$466,000 FY17)
2018-03	N. Main Refuge Island	\$ 80,000	\$ -	X				Road Diet - ODOT to review design (Parducci); minor edits being completed
	Subtotal Roadway	\$ 2,120,000	\$ 504,113					
	Street Improvements/Overlays per PMS (Goal of \$350,000/yr)							
2010-10	Overlay/Partial Rebuild - N Mountain Avenue - Hersey to I-5	\$ 840,000	\$ 17,863	X				Change Order to Eng. Design to incorporate ADA (\$17863 FY17)
2015-01	Overlay - Wightman Street - Quincy to Siskiyou	\$ 225,000	\$ -	X				Change Order to Eng. Design to incorporate ADA.
2017-09	Repave/Rebuild - Hersey Street - N. Main to N. Mountain	\$ 1,000,000	\$ 340	X				Design award (OBEC) January 2018
	Subtotal Street Improvements/Overlays	\$ 2,065,000	\$ 18,203					
	Sidewalk/Pedestrian							
2011-30	Hersey Street - N Main Street to Oak Street (CMAQ)	\$ 250,000	\$ 50,268	X	X	X	X	COMPLETE (total project \$880,481 City share \$421,407)
2015-22	Downtown ADA Ramp Replacement (3rd and Lithia Way)	\$ 88,950	\$ 7,918	X				Design complete (CEC) awaiting ODOT approval
	N Main Street RRFB Installation - Nursey Street & Van Ness Avenue	\$ 75,000	\$ -	X				Seeking ODOT design (Parducci) approvals
	Subtotal Sidewalk/Pedestrian	\$ 413,950	\$ 58,185					
	TRANSPORTATION TOTAL	\$ 4,598,950	\$ 580,501					
	Water Supply							
2015-17	TID Canal Piping: Starlite to Terrace Street	\$ 788,000	\$ -	X				DEQ loan of \$1.3M; likely not enough funding. Adkins to start design Jan 2018
2012-01	TID Terrace St Pump Station Improvements	\$ 650,000	\$ 196,694	X	X	X		Construction to be awarded March 20 (McClure & Sons -- see Park Estates PS)
	Reeder Reservoir Access Road TMDL Compliance	\$ 116,000	\$ -					Contingent on WTP location
	East & West Fork Transmission Line Rehabilitation	\$ 154,500	\$ -					Design to start 2018 spring/summer
	Subtotal Water Supply	\$ 1,708,500	\$ 196,694					
	Water Treatment & Storage							
2015-31	2.5 MGD Water Treatment Plant	\$ 1,194,000	\$ 672,142	X				Membrane pilot study complete; pending comparison analysis (\$386,870 FY17)
2015-31	2.6-MG Reservoir & Clearwell ("Crowson II")	\$ 891,000	\$ -	X				Combined with WTP project, pending comparison analysis (RH2/B&V)
2012-01	Permanganate Feed Facility Study & Implementation	\$ 316,000	\$ -	X	X	X		Project combined with Terrace St. pump station improvements
	Subtotal Treatment & Storage	\$ 2,401,000	\$ 672,142					
	Water Distribution							
2012-04	Park Estates Pump Station/Loop Road Reservoir Alternatives	\$ 637,000	\$ 121,726	X	X	X		Construction to be awarded March 20 (McClure & Sons). With Terrace St PS
	Granite Reservoir Valving	\$ 127,000	\$ -					Coordinate with Water Master Plan (RH2) conclusions and TAP needs
	Subtotal Water Distribution	\$ 764,000	\$ 121,726					
	Water Mainline Projects							
2016-04	Siskiyou Boulevard - Crowson Road south towards I-5 Exit 11	\$ 175,000	\$ 21,208	X	X			(\$21,208 FY17 design costs)
	Oak Street - Nevada to Bear Creek Bridge	\$ 273,200	\$ -	X	X			in-house design
	Ivy Lane - South Mountain to FH-16AD-038		\$ 72,333	NA	NA	X	X	Project completed early by internal forces (\$120,000 was budgeted 2018-19)
	Subtotal Water Mainline Projects	\$ 448,200	\$ 93,541					
	WATER TOTAL	\$ 5,321,700	\$ 1,084,103					
	Wastewater Treatment Plant							
2013-21	Outfall Relocation / Fish Screen	\$ 330,000	\$ 223,687	X				CH2M started design in Dec. (prior \$223K FY17) costs not reflective for FY18
	Shading (Capital Cost + first 6 years of O&M)	\$ 631,000	\$ 33,010	X				DEQ has accepted the Trading Plan; projects should start late spring 2018
2013-20	Oxidation Ditch Shell	\$ 2,510,000	\$ 51,755					planning to release RFP in spring 2018
	Subtotal Treatment Plant	\$ 3,471,000	\$ 308,452					
	Wastewater Collection System							
	Wastewater Line Upsizing - 18" & 24" Parallel Trunkline along Bear Creek	\$ 712,000	\$ -					Assessing I&I and true capacity needs
2007-26	Grandview Pump Station Replacement	\$ 375,000	\$ 129,272	X	X	X		Construction (Ledford \$322K) anticipate completion in April 2018 (\$48,175 FY17)
2013-17	Wastewater Line Replacement; 15" Main - A Street	\$ 150,000	\$ -					Combined with A St. waterline/roadway project (\$15,710 FY17)
	Subtotal Collection System	\$ 1,237,000	\$ 129,272					
	WASTEWATER TOTAL	\$ 4,708,000	\$ 437,724					
	Airport							
	Pavement Maintenance Program	\$ 20,000	\$ 0	X	X	X	X	Project Complete (ODA Grant Funded - total \$200,051.58)
	AIRPORT TOTAL	\$ 20,000	\$ -					
	Administration - City Facilities							
	City Facility Upgrades & Maintenance	\$ 177,500	\$ -	X				Conceptual Design RFP out for City Hall
	ADMINISTRATION - FACILITIES TOTAL	\$ 177,500	\$ -					
		\$ 14,826,150	\$ 2,102,328					

Capital Improvements Plan

Capital Improvements Plan							
Planned Expenditures During BN 2017-19 Years 1 and 2							
BUDGET							
Project Description	BN Capital			Planned Resources			
	BN 2017-19	BN 2017-19	Project Totals	Street SDC	Grants	Other	fees & rates
Roadway	Yr 1	Yr 2	Project Totals	Street SDC	Grants	Other	fees & rates
Railroad Crossing Improvements; Hersey & Laurel	\$ 450,000	\$ -	\$ 450,000	\$ -	\$ 255,642	\$ -	\$ 194,358
Independent Way - Washington St to Tolman Creek Rd	\$ 1,590,000	\$ -	\$ 1,590,000	\$ 590,000	\$ -	\$ 1,000,000	\$ -
N Main Refuge Island	\$ 80,000	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
East Nevada Street Extension	\$ -	\$ 6,494,400	\$ 6,494,400	\$ 1,194,970	\$ 3,000,000	\$ -	\$ 2,299,430
Grandview Drive Improvements - Phase II	\$ -	\$ 350,000	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000
City Wide Chip Seal Project	\$ -	\$ 93,404	\$ 93,404	\$ -	\$ -	\$ -	\$ 93,404
Subtotal Roadway	\$ 2,120,000	\$ 6,937,804	\$ 9,057,804	\$ 1,784,970	\$ 3,255,642	\$ 1,000,000	\$ 3,017,192
Street Improvements/Overlays per Pavement Management System	Yr 1	Yr 2	Project Totals	Street SDC	Grants	Other	fees & rates
Overlay/Partial Rebuild - N Mountain Ave - Hersey to I-5	\$ 840,000	\$ -	\$ 840,000	\$ -	\$ -	\$ -	\$ 840,000
Overlay - Wightman Street - Quincy to Siskiyou	\$ 225,000	\$ -	\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000
Replace/Rebuild - Hersey St - N Main to N Mountain	\$ 1,000,000	\$ 3,000,000	\$ 4,000,000	\$ -	\$ -	\$ -	\$ 4,000,000
Overlay/Partial Refuild - N Mountain Ave - E Main to R/R Tracks	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
Subtotal Street Improvements/Overlays	\$ 2,065,000	\$ 3,200,000	\$ 5,265,000	\$ -	\$ -	\$ -	\$ 5,265,000
Sidewalk/Pedestrian	Yr 1	Yr 2	Project Totals	Street SDC	Grants	Other	fees & rates
Hersey Street - N Main Street to Oak Street (CMAQ)	\$ 250,000	\$ -	\$ 250,000	\$ 62,500	\$ -	\$ -	\$ 187,500
Downtown ADA Ramp Replacement	\$ 88,950	\$ -	\$ 88,950	\$ -	\$ 88,950	\$ -	\$ -
N Main Street RRFB Installation - Nursery Street & Van Ness Avenue	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
Mountain Ave RRFB Installation - Fair Oaks Avenue	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
A Street - Oak Street to 100' west of 6th Street	\$ -	\$ 155,000	\$ 155,000	\$ 38,750	\$ -	\$ -	\$ 116,250
Subtotal Sidewalk/Pedestrian	\$ 413,950	\$ 195,000	\$ 608,950	\$ 101,250	\$ 88,950	\$ -	\$ 418,750
Bicycle			Project Totals	Storm SDC	Grants	Other	fees & rates
Downtown Super Sharrows	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Subtotal Bicycle	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
TRANSPORTATION / LID	\$ 4,598,950	\$ 10,432,804	\$ 15,031,754	\$ 1,886,220	\$ 3,344,592	\$ 1,000,000	\$ 8,800,942
Airport	Yr 1	Yr 2	Project Totals		Grants	Other	fees & rates
Pavement Maintenance Program	\$ 20,000	\$ -	\$ 20,000		\$ 20,000	\$ -	\$ -
Entitlement Grant - Airport Improvements - Taxiway Rehabilitation (Environmental)	\$ -	\$ 222,000	\$ 222,000		\$ 222,000	\$ -	\$ -
AIRPORT	\$ 20,000	\$ 222,000	\$ 242,000	\$ -	\$ 242,000	\$ -	\$ -
Water Supply	Yr 1	Yr 2	Project Totals	Water SDC	Grants	Other	fees & rates
TID Canal Piping: Starlite to Terrace Street	\$ 788,000	\$ 664,000	\$ 1,452,000	\$ 1,452,000	\$ -	\$ -	\$ -
TID Terrace St Pump Station Improvements	\$ 650,000	\$ -	\$ 650,000	\$ -	\$ -	\$ -	\$ 650,000
Reeder Reservoir Access Road TMDL Compliance	\$ 116,000	\$ -	\$ 116,000	\$ 87,000	\$ -	\$ -	\$ 29,000
East & West Fork Transmission Line Rehabilitation	\$ 154,500	\$ 154,500	\$ 309,000	\$ -	\$ -	\$ -	\$ 309,000
Ashland Creek West Fork Bridge Construction	\$ -	\$ 129,000	\$ 129,000	\$ 96,750	\$ -	\$ -	\$ 32,250
Sediment TMDL in Reeder Reservoir	\$ -	\$ 120,000	\$ 120,000	\$ 90,000	\$ -	\$ -	\$ 30,000
Subtotal Water Supply	\$ 1,708,500	\$ 1,067,500	\$ 2,776,000	\$ 1,725,750	\$ -	\$ -	\$ 1,050,250
Water Treatment & Storage	Yr 1	Yr 2	Project Totals	Water SDC	Grants	Other	fees & rates
2.5 MGD Water Treatment Plant	\$ 1,194,000	\$ 13,731,000	\$ 14,925,000	\$ 1,492,500	\$ -	\$ -	\$ 13,432,500
2.6-MG Reservoir & Clearwell ("Crowson II")	\$ 891,000	\$ 7,490,000	\$ 8,381,000	\$ 838,100	\$ -	\$ -	\$ 7,542,900
Permanganate Feed Facility Study & Implementation	\$ 316,000	\$ -	\$ 316,000	\$ -	\$ -	\$ -	\$ 316,000
Subtotal Treatment & Storage	\$ 2,401,000	\$ 21,221,000	\$ 23,622,000	\$ 2,330,600	\$ -	\$ -	\$ 21,291,400
Water Distribution	Yr 1	Yr 2	Project Totals	Water SDC	Grants	Other	fees & rates
Park Estates Pump Station/Loop Road Reservoir Alternatives	\$ 637,000	\$ 1,967,000	\$ 2,604,000	\$ -	\$ -	\$ -	\$ 2,604,000
Granite Reservoir Valving	\$ 127,000	\$ -	\$ 127,000	\$ -	\$ -	\$ -	\$ 127,000
Radio Read Meter Program	\$ -	\$ 126,000	\$ 126,000	\$ -	\$ -	\$ -	\$ 126,000
Subtotal Water Distribution	\$ 764,000	\$ 2,093,000	\$ 2,857,000	\$ -	\$ -	\$ -	\$ 2,857,000
Water Mainline Projects	Yr 1	Yr 2	Project Totals	Water SDC	Grants	Other	fees & rates
Siskiyou Boulevard - Crowson Road South towards I-5 Exit 11	\$ 175,000	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ 175,000
Oak Street - Nevada to Bear Creek Bridge	\$ 273,200	\$ -	\$ 273,200	\$ -	\$ -	\$ -	\$ 273,200
Grandview Drive - Skycrest Dr to Ditch Rd	\$ -	\$ 131,250	\$ 131,250	\$ -	\$ -	\$ -	\$ 131,250
Ivy Lane - Morton Street to west end of Ivy Lane	\$ -	\$ 357,000	\$ 357,000	\$ -	\$ -	\$ -	\$ 357,000
Ivy Lane - South Mountain to FH-16AD-038	\$ -	\$ 103,000	\$ 103,000	\$ -	\$ -	\$ -	\$ 103,000
A Street - 1st St to 6th St	\$ -	\$ 155,000	\$ 155,000	\$ -	\$ -	\$ -	\$ 155,000
Parker Street - Walker Ave to Lithia Way	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
Harmony Lane - Siskiyou Blvd to Lithia Way	\$ -	\$ 12,300	\$ 12,300	\$ -	\$ -	\$ -	\$ 12,300
Lit Way - Joy Avenue to Ray Lane	\$ -	\$ 6,200	\$ 6,200	\$ -	\$ -	\$ -	\$ 6,200
Ray Lane - Lithia Way to Joy Ave	\$ -	\$ 6,200	\$ 6,200	\$ -	\$ -	\$ -	\$ 6,200
Subtotal Mainline Projects	\$ 448,200	\$ 795,950	\$ 1,244,150	\$ -	\$ -	\$ -	\$ 1,244,150
WATER	\$ 5,321,700	\$ 25,177,450	\$ 30,499,150	\$ 4,056,350	\$ -	\$ -	\$ 26,442,800

Capital Improvements Plan							
Planned Expenditures During BN 2017-19 Years 1 and 2							
BUDGET							
Project Description	BN 2017-19	BN 2017-19	BN Capital Project Totals	Planned Resources			
WASTEWATER							
Wastewater Treatment Plant	Yr 1	Yr 2	Project Totals	Sewer SDC	Grants	Other	fees & rates
Outfall Relocation / Fish Screen	\$ 330,000	\$ 330,000	\$ 660,000	\$ 99,000	\$ -	\$ -	\$ 561,000
Shading (Capital Cost + first 6 years of O&M)	\$ 631,000	\$ 631,000	\$ 1,262,000	\$ 189,300	\$ -	\$ -	\$ 1,072,700
Oxidation Ditch Shell	\$ 2,510,000	\$ 2,510,000	\$ 5,020,000	\$ 1,957,800	\$ -	\$ -	\$ 3,062,200
RAS Pump Replacement	\$ -	\$ 122,000	\$ 122,000	\$ 24,400	\$ -	\$ -	\$ 97,600
Subtotal Treatment Plant	\$ 3,471,000	\$ 3,593,000	\$ 7,064,000	\$ 2,270,500	\$ -	\$ -	\$ 4,793,500
Wastewater Collection System	Yr 1	Yr 2	Project Totals	Sewer SDC	Grants	Other	fees & rates
Wastewater Line Upsizing - 18" & 24" Parallel Trunkline along Bear Creek	\$ 712,000	\$ 712,000	\$ 1,424,000	\$ 996,800	\$ -	\$ -	\$ 427,200
Wastewater Line Replacement; 15" Main - Mountain Avenue	\$ -	\$ 141,000	\$ 141,000	\$ 35,250	\$ -	\$ -	\$ 105,750
Grandview Pump Station Replacement	\$ 375,000	\$ -	\$ 375,000	\$ -	\$ -	\$ -	\$ 375,000
Wastewater Line Replacement; 15" Main - A Street	\$ 150,000	\$ 450,000	\$ 600,000	\$ 60,000	\$ -	\$ -	\$ 540,000
Subtotal Collection System	\$ 1,237,000	\$ 1,303,000	\$ 2,540,000	\$ 1,092,050	\$ -	\$ -	\$ 1,447,950
WASTEWATER	\$ 4,708,000	\$ 4,896,000	\$ 9,604,000	\$ 3,362,550	\$ -	\$ -	\$ 6,241,450
Storm Drain	Yr 1	Yr 2	Project Totals	Storm SDC	Grants	Other	fees & rates
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
STORM DRAIN	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADMINISTRATION - City Facilities	Yr 1	Yr 2	Project Totals		Grants	Other	fees & rates
City Facility Upgrades & Maintenance	\$ 177,500	\$ 177,500	\$ 355,000		\$ -	\$ -	\$ 355,000
ADMINISTRATION - FACILITIES	\$ 177,500	\$ 177,500	\$ 355,000	\$ -	\$ -	\$ -	\$ 355,000
ELECTRIC DEPARTMENT	Yr 1	Yr 2	Project Totals		Grants	Other	fees & rates
Install New Services & Infrastructure: Cost include new transformers, switch cabinets, poles and conductors to service new development	\$ 300,000	\$ 300,000	\$ 600,000				\$ 600,000
Electric Utility Upgrades: Cost for repairs and replacement of aging infrastructure identified during routine inspections	\$ 100,000	\$ 100,000	\$ 200,000				\$ 200,000
SCADA Improvements, Routine Maintenance, Liscensing and Upgrades	\$ 7,000	\$ 32,000	\$ 39,000				\$ 39,000
MAS Design Review and Purchase Study: feasibility for City ownership, valuation of substation, and ROI	\$ 55,000	\$ -	\$ 55,000				\$ 55,000
New Distribution Buss at Ashland Substation	\$ -	\$ -	\$ -				\$ -
Purchase of Mountain Ave Substation	\$ -	\$ -	\$ -				\$ -
Mountain Ave and Ashland Substation Interite Engineering Study and Benefit Analysis	\$ -	\$ 75,000	\$ 75,000				\$ 75,000
ELECTRIC	\$ 462,000	\$ 507,000	\$ 969,000	\$ -	\$ -	\$ -	\$ 969,000
TELECOMMUNICATIONS & INFO TECH	Yr 1	Yr 2	Project Totals		Grants	Other	fees & rates
Expand Fiber Plant from 16 to 24 Node Groups	\$ 50,000	\$ 50,000	\$ 100,000				\$ 100,000
Fiber and Cable Plant Maintenance	\$ 5,000	\$ 5,000	\$ 10,000				\$ 10,000
Fiber and Cable Plant Installation	\$ 20,000	\$ 20,000	\$ 40,000				\$ 40,000
Data Center Server Capacity Growth (Virtualization)	\$ 22,500	\$ 20,000	\$ 42,500			\$ 42,500	\$ -
TELECOMMUNICATIONS	\$ 97,500	\$ 95,000	\$ 192,500	\$ -	\$ -	\$ 42,500	\$ 150,000
PARKS & RECREATION	Yr 1	Yr 2	Project Totals	Parks SDC	Grants	F&B	Bonds
Repair Perozzi Fountain	\$ -	\$ 70,000	\$ 70,000			\$ 70,000	\$ -
Daniel Meyer Pool - Rebuild and Cover	\$ 3,250,000	\$ -	\$ 3,250,000			\$ -	\$ 3,250,000
North Mountain Park Nature Play Area	\$ 15,000	\$ 150,000	\$ 165,000		\$ 150,000	\$ 15,000	\$ -
Calle Guanajuato Improvements (Bond Repayment)	\$ 40,000	\$ 40,000	\$ 80,000			\$ 80,000	\$ -
Ashland Creek Park Development Phase II construction	\$ -	\$ 35,000	\$ 35,000			\$ 35,000	\$ -
Garfield Park Water Play Replacement (Bond Repayment)	\$ 100,000	\$ 100,000	\$ 200,000			\$ 200,000	\$ -
Resurface/Reclaim Tennis and Pickleball Courts	\$ 27,500	\$ 27,500	\$ 55,000			\$ 55,000	\$ -
Lithia Park Master Plan	\$ 230,000	\$ -	\$ 230,000			\$ 230,000	\$ -
Winburn Way Sidewalk	\$ 25,000	\$ -	\$ 25,000			\$ 25,000	\$ -
Second Dog Park Construction	\$ 265,000	\$ -	\$ 265,000			\$ 265,000	\$ -
YMCA Park Replacement	\$ 750,000	\$ -	\$ 750,000		\$ 750,000	\$ -	\$ -
Master Plan for Park Shop/yard areas; Dog parks; Skateboard Park	\$ -	\$ 75,000	\$ 75,000			\$ 75,000	\$ -
Oak Knoll Improvements (Irrigation)	\$ 35,000	\$ 35,000	\$ 70,000			\$ 70,000	\$ -
Trails and Open Space Comp Plan Update	\$ 30,000	\$ -	\$ 30,000			\$ 30,000	\$ -
Restoration of Beach Creek below Pedestrian Bridge	\$ 75,000	\$ -	\$ 75,000			\$ 75,000	\$ -
Land Acquisition	\$ 915,000	\$ 900,000	\$ 1,815,000	\$ 375,000	\$ 1,275,000	\$ 165,000	\$ -
Project Manager	\$ 60,000	\$ 60,000	\$ 120,000			\$ 120,000	\$ -
PARKS & RECREATION	\$ 5,817,500	\$ 1,492,500	\$ 7,310,000	\$ 375,000	\$ 2,175,000	\$ 1,510,000	\$ 3,250,000
TOTAL BN 2017-19 CIP	\$ 21,203,150	\$ 42,900,254	\$ 64,103,404	\$ 9,680,120	\$ 5,761,592	\$ 2,552,500	\$ 46,109,192