

City of Beaverton
CIP Financial Plan - STORM DRAIN
FY 2017-18 Estimated

Fund #	Proj #	CIP #	Project Name	Anticipated TOTAL Project Cost	Funding Source					Funding Total
					Conveyance/ Extra Capacity	Stormwater Quantity	Stormwater Quality	Surcharge	Grants, IGA	
Storm Capital Improvement Projects:										
513	3915	8119	141st Ave (Millikan to Vernier) Conveyance Pipe and WQ Retrofit	280,000	30,000					30,000
513	3915	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (annual recurring work item)	~360,000/yr	18,000					18,000
Total - 3915 Misc Conveyance/Extra Cap					48,000	-	-	-	-	48,000
513	3916	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (annual recurring work item)	~360,000/yr		5,000				5,000
Total - 3916 Storm Quantity Projects					-	5,000	-	-	-	5,000
513	3917	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (annual recurring work item)	~360,000/yr			2,000			2,000
Total - 3917 Storm Quality Projects					-	-	2,000	-	-	2,000
513	3950	8098A	Dover Area (South) Utility Rehabilitation and Replacement	500,000				5,000		5,000
513	3950	8098B	Dover Area (North) Utility Rehabilitation and Replacement	500,000				15,000		15,000
513	3950	8122	Major CIPP storm pipe rehab project (annual recurring work item)	15,000,000				2,000		2,000
513	3950	8130	144th Ave Flood Remediation & Habitat Restoration	155,000				22,000		22,000
513	3950	8132	Small Works Projects, Eng. Svcs., Follow-up Creek prj Maintenance work, and In-house OH Charges (annual recurring work item)	~360,000/yr				17,000		17,000
513	3950	3519A	Canyon Rd Intersection Improvements (MTIP)	See below				31,000		31,000
513	3950	4118A	Settler Wy Utility Replacements, Phase 1	232869 see below				233,000		233,000
513	3950	4118B	Settler Wy Utility Replacements, Phase 2	See below				9,000		9,000
513	3950	4139	114th Water line --storm pipe move.					39,692		39,692
513	3950	6095	Sellwood Subdivision	See below				55,000		55,000
Total - 3950 Maintenance & Replacement					-	-	-	428,692	-	428,692
Totals =>					48,000	5,000	2,000	428,692	-	483,692

City of Beaverton
CIP Financial Plan - STORM DRAIN
FY 2018-19 Adopted

Fund #	Proj #	CIP #	Project Name	Anticipated TOTAL Project Cost	Funding Source					Funding Total
					Conveyance/ Extra Capacity	Stormwater Quantity	Stormwater Quality	Surcharge	Grants, IGA	
Storm Capital Improvement Projects:										
513	3915	8119	141st Ave (Millikan to Vernier) Conveyance Pipe and WQ Retrofit	280,000	220,000					220,000
513	3915	8125	South Cooper Mtn Storm Conveyance		50,000					50,000
513	3915	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (annual recurring work item)		100,000					100,000
Total - 3915 Misc Conveyance/Extra Cap					370,000	-	-	-	-	370,000
513	3916	8123	Existing Stormwater Pond capacity expansion at TBD (annual recurring work item)	~30,000/yr		30,000				30,000
513	3916	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (annual recurring work item)			35,000				35,000
Total - 3916 Storm Quantity Projects					-	65,000	-	-	-	65,000
513	3917	8023	Attempt to get ROW for Primary Treatment Vaults, WQ Retrofits, Four locations	120,000			75,000			75,000
513	3917	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (annual recurring work item)				25,000			25,000
Total - 3917 Storm Quality Projects					-	-	100,000	-	-	100,000
513	3950	3410	Shared Use Path along Denney Rd (King Blvd-Fanno Creek Trailhead) - associated Storm conduit R&R work				74,000			74,000
513	3950	5089	Walker Rd and Murray Bv Intersection MSTIP - potential upgrade opportunity	MSTIP			5,000			5,000
513	3950	5180	130th Ave (Hart Rd to Allen Bv) Street Side Rain Garden in the shape of Traffic Calming.				45,000			45,000
513	3950	8098A	Dover Area (South) Utility Rehabilitation and Replacement	500,000			230,000			230,000
513	3950	8098B	Dover Area (North) Utility Rehabilitation and Replacement	500,000			30,000			30,000
513	3950	8101	Stormwater Master Planning-Via City staff and resources, mostly	400,000			200,000			200,000
513	3950	8122	Major CIPP storm pipe rehab project (annual recurring work item)	15,000,000			810,000			810,000
513	3950	8130	144th Ave Flood Remediation & Habitat Restoration	155,000			108,000			108,000
513	3950	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (annual recurring work item)				190,000			190,000
513	3950	3106A	Menlo Dr (Allen Blvd to Fairmount Dr)				533,000			533,000
513	3950	8135A	11750 SW Bvtn Hillsdale Hwy Stormwater Outfall to Beaverton Creek Retrofit	800,000			150,000			150,000
513	3950	8135B	4140 SW Watson Ave Stormwater Outfall to Beaverton Ck Retrofit	900,000			170,000			170,000
513	3950	4118B	Settler Wy Utility Replacements, Phase 2				255,000			255,000
513	3950	6095	Sellwood Subdivision				155,000			155,000
Total - 3950 Maintenance & Replacement					-	-	-	2,955,000	-	2,955,000
Totals =>					370,000	65,000	100,000	2,955,000	-	3,490,000

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND

DEPT: 75 INFRASTRUCTURE PROJECTS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 15 CAPITAL OUTLAY

652 RIGHT-OF-WAY AND EASEMENT COST

	11,612				150,000		33,350	31,000	75,000		75,000	
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682 CONSTRUCTION

	679,345		318,700		2,123,000		287,237	336,892	2,598,000		2,598,000	
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683 CONST DESIGN & ENGR INSPECTION

	176,512		123,589		641,000		182,567	115,800	817,000		817,000	
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TOTAL CLASS: 15 CAPITAL OUTLAY

	867,469		442,289		2,914,000		503,154	483,692	3,490,000		3,490,000	
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CLASS: 25 TRANSFERS

814 TRSFERS TO CAPITAL PROJ. FUND

	1,042,040											
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TOTAL CLASS: 25 TRANSFERS

	1,042,040											
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TOTAL DEPARTMENT: 75 INFRASTRUCTURE PROJECTS

	1,909,509		442,289		2,914,000		503,154	483,692	3,490,000		3,490,000	
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BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
 DEPT: 75 INFRASTRUCTURE PROJECTS
 PROGRAM: 3915 MISC CONVEYANCES (SDC) PROJECT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 15 CAPITAL OUTLAY

652 RIGHT-OF-WAY AND EASEMENT COST

10,000

682 CONSTRUCTION

56,081

990

360,000

250,000

250,000

683 CONST DESIGN & ENGR INSPECTION

86,447

20,580

180,000

48,000

120,000

120,000

TOTAL CLASS: 15 CAPITAL OUTLAY

142,528

21,570

550,000

48,000

370,000

370,000

CLASS: 25 TRANSFERS

814 TRSFERS TO CAPITAL PROJ. FUND

1,042,040

TOTAL CLASS: 25 TRANSFERS

1,042,040

TOTAL PROGRAM: 3915 MISC CONVEYANCES (SDC) PROJECT

1,184,568

21,570

550,000

48,000

370,000

370,000

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 75 INFRASTRUCTURE PROJECTS
PROGRAM: 3915 MISC CONVEYANCES (SDC) PROJECT

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

- 652 RIGHT-OF-WAY AND EASEMENT COST
 - # 8125 SOUTH COOPER MTN STORM CONVEYANCE
- 682 CONSTRUCTION
 - # 8119 141ST AVE (MILLIKAN WAY TO VERNIER DRIVEWAY) STORM CONVEYANCE PIPE \$200,000
 - # 8132 SMALL WORKS PROJECTS, ENGINEERING SERVICES, IN-HOUSE OVERHEAD CHARGES \$50,000
- 683 CONST DESIGN & ENGR INSPECTION
 - #8119 141ST AVE (MILLIKAN TO VERNIER) CONVEYANCE PIPE AND WQ RETROFIT \$20,000
 - #8125 SOUTH COOPER MTN STORM CONVEYANCE \$50,000
 - #8132 SMALL WORKS PROJECTS, ENGINEERING SERVICES, IN-HOUSE OVERHEAD CHARGES \$50,000

814 TRSFERS TO CAPITAL PROJ. FUND

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
 DEPT: 75 INFRASTRUCTURE PROJECTS
 PROGRAM: 3916 MISC QUANTITY (SDC) PROJECT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 15 CAPITAL OUTLAY

682 CONSTRUCTION

19,087 60,000 60,000 60,000

683 CONST DESIGN & ENGR INSPECTION

5,000 5,000 5,000 5,000

TOTAL CLASS: 15 CAPITAL OUTLAY

19,087 65,000 5,000 65,000 65,000

TOTAL PROGRAM: 3916 MISC QUANTITY (SDC) PROJECT

19,087 65,000 5,000 65,000 65,000

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 75 INFRASTRUCTURE PROJECTS
PROGRAM: 3916 MISC QUANTITY (SDC) PROJECT

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

- 682 CONSTRUCTION
 - # 8123 EXISTING STORMWATER CAPACITY EXPANSION (ANNUAL RECURRING WORK AT VARIOUS SITES \$30,000
 - # 8132 SMALL WORKS PROJECTS, ENGINEERING SERVICES, IN-HOUSE OVERHEAD CHARGES \$30,000
- 683 CONST DESIGN & ENGR INSPECTION
 - # 8132 SMALL WORKS PROJECTS, ENGINEERING SERVICES, IN-HOUSE OVERHEAD CHARGES \$5,000



BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
 DEPT: 75 INFRASTRUCTURE PROJECTS
 PROGRAM: 3917 MISC QUALITY (SDC) PROJECT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 15 CAPITAL OUTLAY

652	RIGHT-OF-WAY AND EASEMENT COST				75,000			75,000		75,000	
682	CONSTRUCTION										
	43,347		74,386		20,000			20,000		20,000	
683	CONST DESIGN & ENGR INSPECTION										
	20,981		9,223		5,000		2,000	5,000		5,000	
TOTAL CLASS: 15 CAPITAL OUTLAY											
	64,328		83,609		100,000		2,000	100,000		100,000	
TOTAL PROGRAM: 3917 MISC QUALITY (SDC) PROJECT											
	64,328		83,609		100,000		2,000	100,000		100,000	

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND

DEPT: 75 INFRASTRUCTURE PROJECTS

PROGRAM: 3917 MISC QUALITY (SDC) PROJECT

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

- 652 RIGHT-OF-WAY AND EASEMENT COST
8023 ROW FOR PRIMARY TREATMENT VAULTS, WQ RETROFITS- FOUR LOCATIONS \$75,000
- 682 CONSTRUCTION
8132 SMALL WORKS PROJECTS, ENGINEERING SERVICES, IN-HOUSE OVERHEAD CHARGES \$20,000
- 683 CONST DESIGN & ENGR INSPECTION
8132 SMALL WORKS PROJECTS, ENGINEERING SERVICES, IN-HOUSE OVERHEAD \$5,000



BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
 DEPT: 75 INFRASTRUCTURE PROJECTS
 PROGRAM: 3950 MAINT & REPLACEMENT PROGRAM

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 15 CAPITAL OUTLAY

652	RIGHT-OF-WAY AND EASEMENT COST				65,000		31,000				
	11,612										
682	CONSTRUCTION		224,237		1,683,000		336,892	2,268,000		2,268,000	
	579,917										
683	CONST DESIGN & ENGR INSPECTION		93,786		451,000		60,800	687,000		687,000	
	69,084										

TOTAL CLASS: 15 CAPITAL OUTLAY

	660,613		318,023		2,199,000		428,692	2,955,000		2,955,000	
TOTAL PROGRAM: 3950 MAINT & REPLACEMENT PROGRAM											
	660,613		318,023		2,199,000		428,692	2,955,000		2,955,000	
TOTAL DEPARTMENT: 75 INFRASTRUCTURE PROJECTS											
	1,909,509		442,289		2,914,000		483,692	3,490,000		3,490,000	

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
 DEPT: 75 INFRASTRUCTURE PROJECTS
 PROGRAM: 3950 MAINT & REPLACEMENT PROGRAM

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

- 652 RIGHT-OF-WAY AND EASEMENT COST
 - #3519A CANYON RD INTERSECTION IMPROVEMENTS

- 682 CONSTRUCTION
 - # 3410 SHARED USE PATH ALONG DENNEY RD (KING BLVD - FANNO CREEK TRAILHEAD) \$67,000
 - # 8098A DOVER AREA (SOUTH) UTILITY REHAB AND REPLACEMENT \$220,000
 - # 8122 MAJOR CIPP STORM PIPE REHAB PROJECT \$800,000
 - # 8130 144TH AVE FLOOD REMEDIATION AND HABITAT RESTORATION PROJECT \$98,000
 - # 8132 SMALL WORKS PROJECTS, ENGINEERING SERVICES, AND IN-HOUSE OVERHEAD CHARGES \$110,000
 - # 3106A SIDEWALK - ASSOCIATED STORM CONDUIT R & R \$533,000
 - # 4118B SETTLER WAY UTILITY REPLACEMENTS, PHASE 2 \$250,000
 - # 5180 130TH AVE (HART RD TO ALLEN BLVD) STREET SIDE RAIN GARDEN IN TRAFFIC CALMING \$40,000
 - # 6095 SELLWOOD SUBDIVISION \$150,000

- 683 CONST DESIGN & ENGR INSPECTION
 - # 3410 SHARED USE PATH ALONG DENNEY RD (KING BLVD - FANNO CREEK TRAILHEAD) \$7,000
 - # 5089 WALKER ROAD, MURRAY BLVD INTERSECTION \$5,000
 - # 8098A DOVER AREA (SOUTH) UTILITY REHAB AND REPLACEMENT \$10,000
 - # 8098B DOVER AREA (NORTH) UTILITY REHAB AND REPLACEMENT \$30,000
 - # 8101 STORMWATER MASTER PLANNING BY CITY STAFF \$200,000
 - # 8122 MAJOR CIPP (CURED IN PIPE) STORM PIPE REHABILITATION PROJECT (PHASE 1) \$10,000
 - # 8130 144TH AVE FLOOD REMEDIATION & HABITAT RESTORATION \$10,000
 - # 8132 SMALL WORKS PROJECTS, ENGINEERING SERVICES AND IN-HOUSE OVERHEAD CHARGES \$80,000
 - # 4118B SETTLER WAY UTILITY REPLACEMENTS, PHASE 2 \$5,000
 - # 5180 130TH AVE (HART RD TO ALLEN BLVD) STREET SIDE RAIN GARDEN IN TRAFFIC CALMING \$5,000
 - # 8135A 11750 SW BVTN HILLSDALE HWY STORMWATER OUTFALL TO BEAVERTON CREEK RETROFIT \$150,000
 - # 8135B 4140 SW WATSON AVE STORMWATER OUTFALL TO BEAVERTON CREEK RETROFIT \$170,000
 - # 6095 SELLWOOD SUBDIVISION \$5,000

