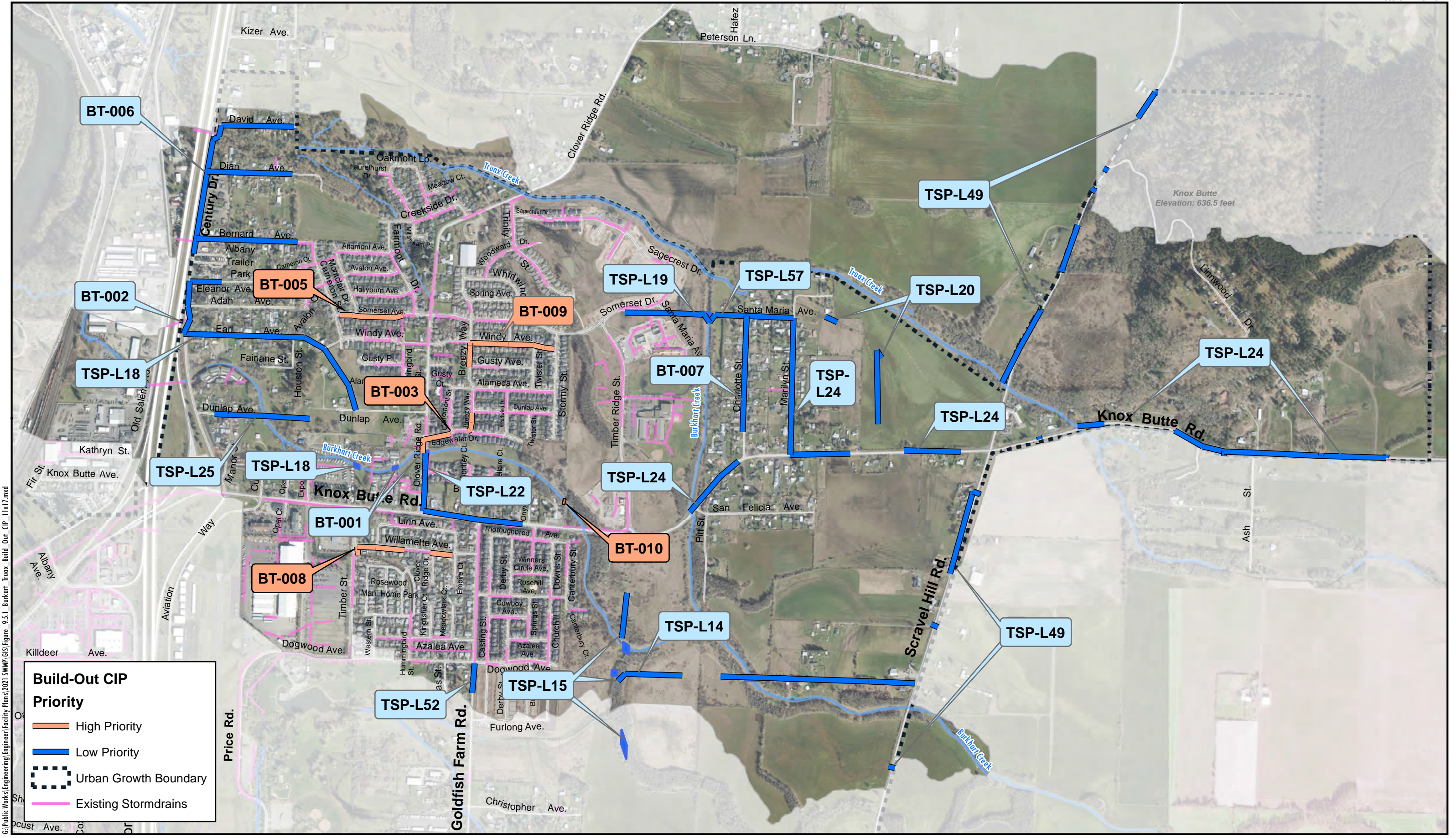
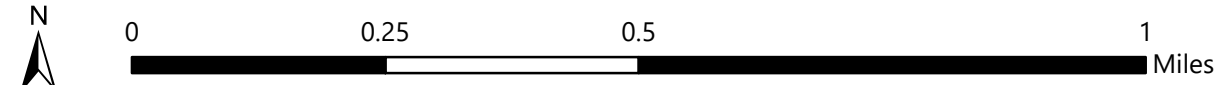


Appendix B - CIP

- Figure 9.5.1 Burkhart-Truax Build Out Flood Control CIP
- Figure 9.5.2 Cox Creek Build Out Flood Control CIP
- Figure 9.5.3 North Albany Build Out Flood Control CIP
- Figure 9.5.4 Oak Creek Build Out Flood Control CIP
- Figure 9.5.5 Periwinkle Creek Build Out Flood Control CIP
- Figure_9.5.6 Willamette River Build Out Flood Control CIP
- Table 9.5.7 Total Project Costs
- Table 9.5.8 Individual Project Cost Summary
- Table 9.5.9 Total Project Costs with Flood Volumes
- Figure 9.5.10 Burkhart-Truax Cost vs Flood Volume Chart
- Figure 9.5.11 Cox Creek Cost vs Flood Volume Chart
- Figure 9.5.12 North Albany Cost vs Flood Volume Chart
- Figure 9.5.13 Oak Creek Cost vs Flood Volume Chart
- Figure 9.5.14 Periwinkle Creek Cost vs Flood Volume Chart
- Figure 9.5.15 Willamette River Cost vs Flood Volume Chart



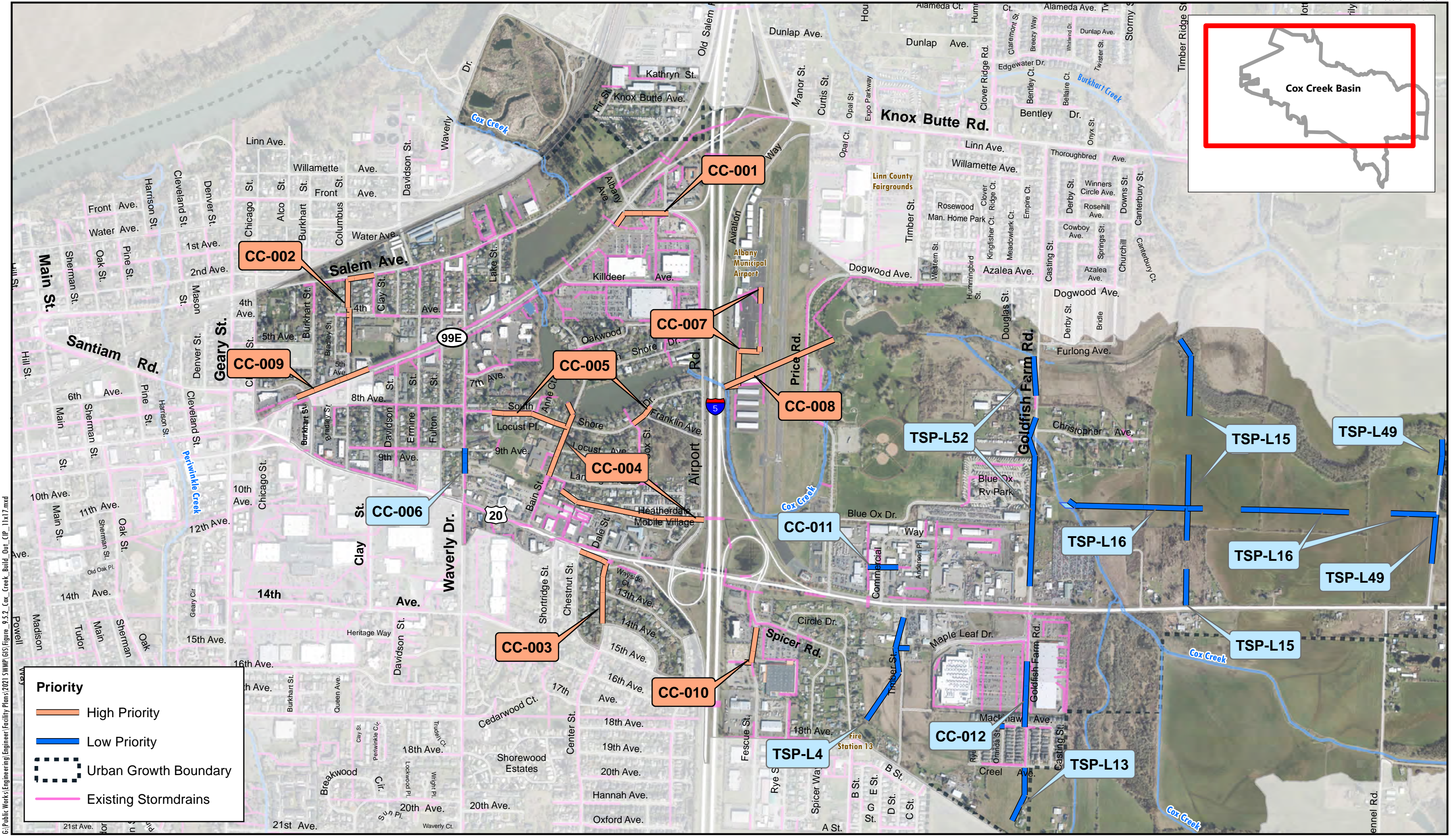
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Date: 3/30/2021

Burkart-Truax Basin Build-Out CIP

Figure 9.5.1



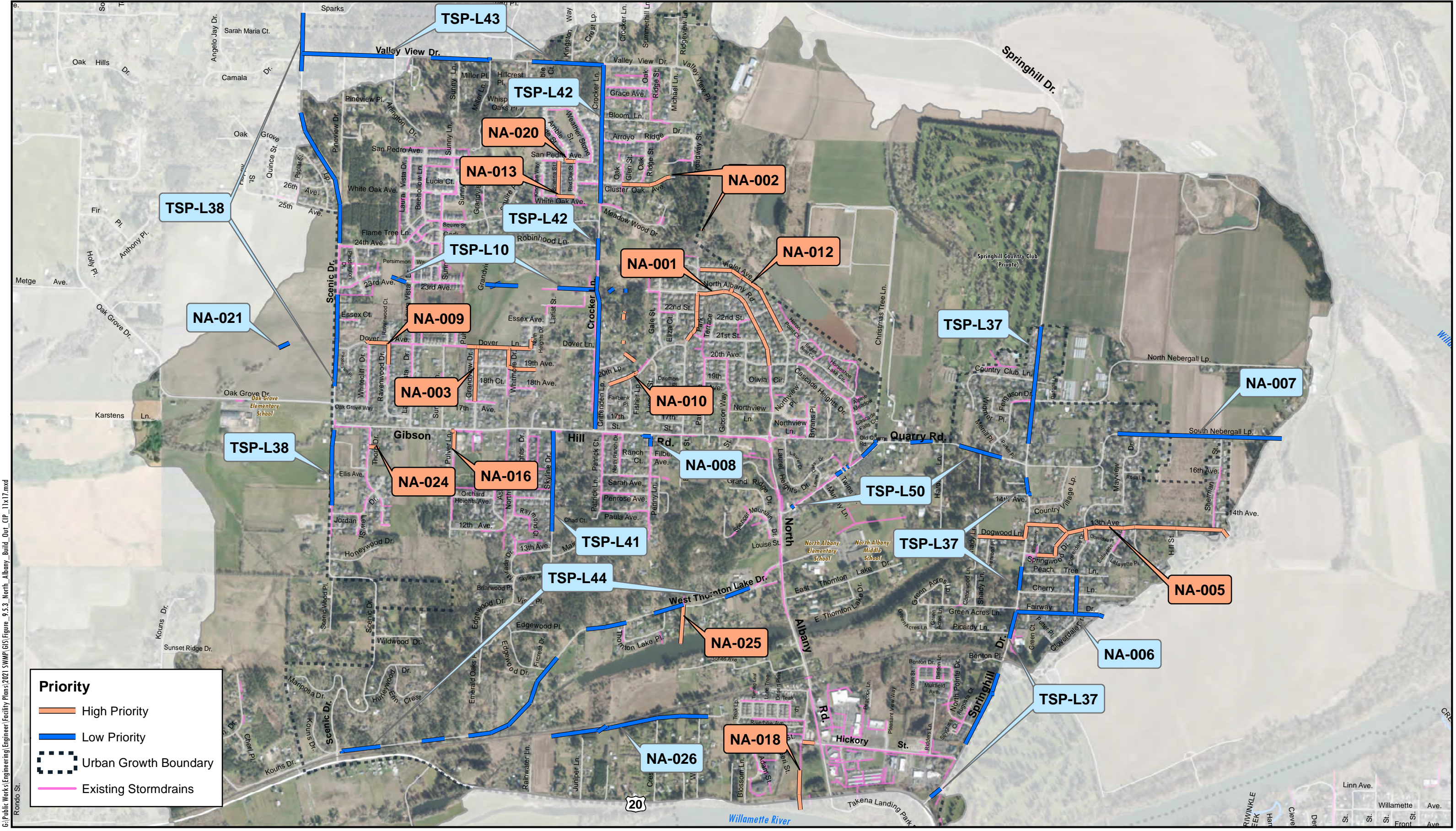
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Date: 3/30/2021

Cox Creek Basin Build-Out CIP

Figure 9.5.2



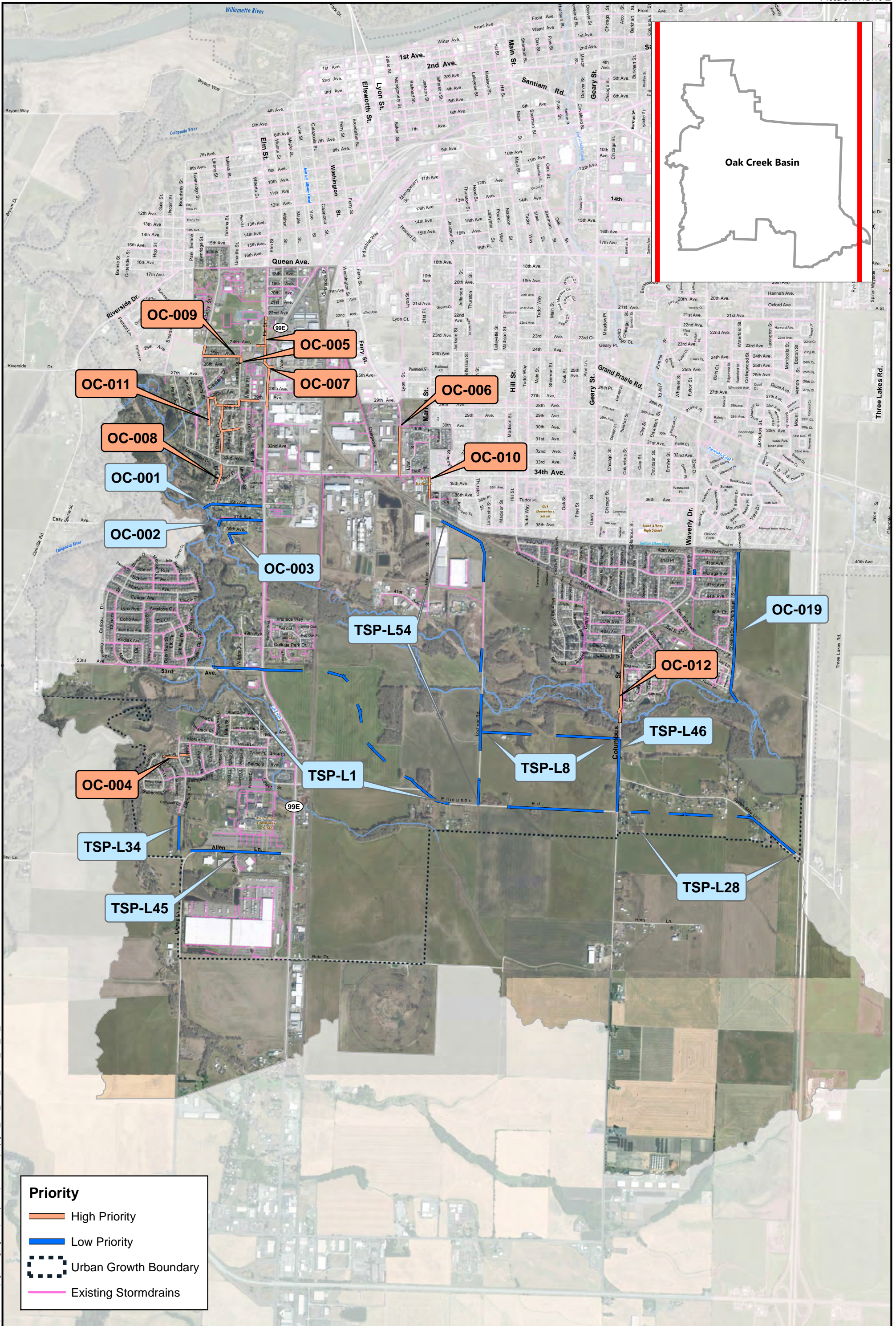
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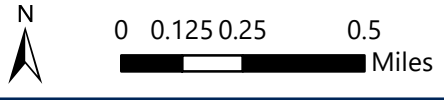
Date: 3/30/2021

North Albany Basin Build-Out CIP

Figure 9.5.3



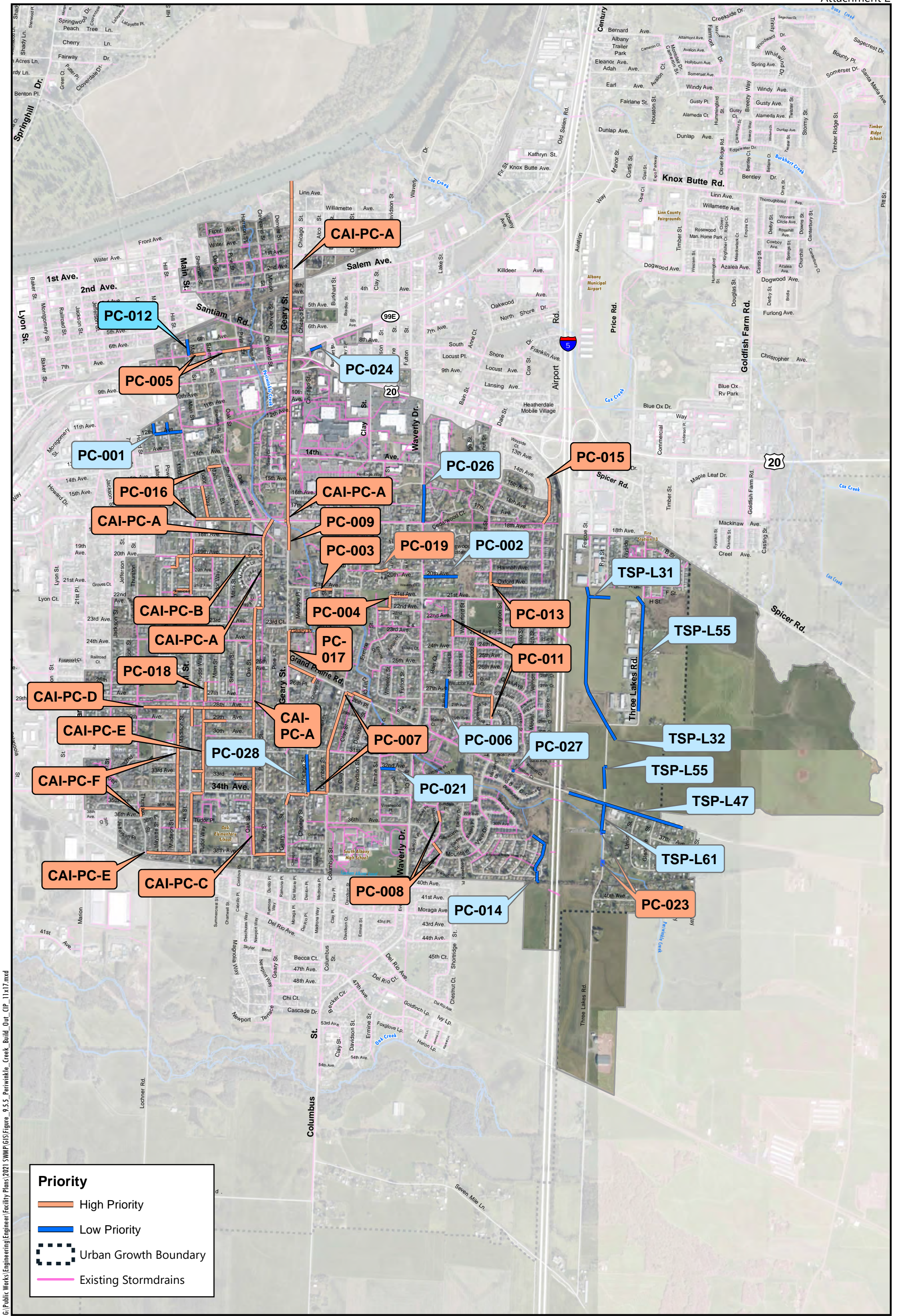
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Date: 4/6/2021

Oak Creek Basin Build-Out CIP

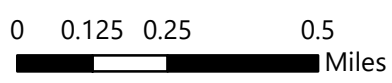
Figure 9.5.4



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Priority

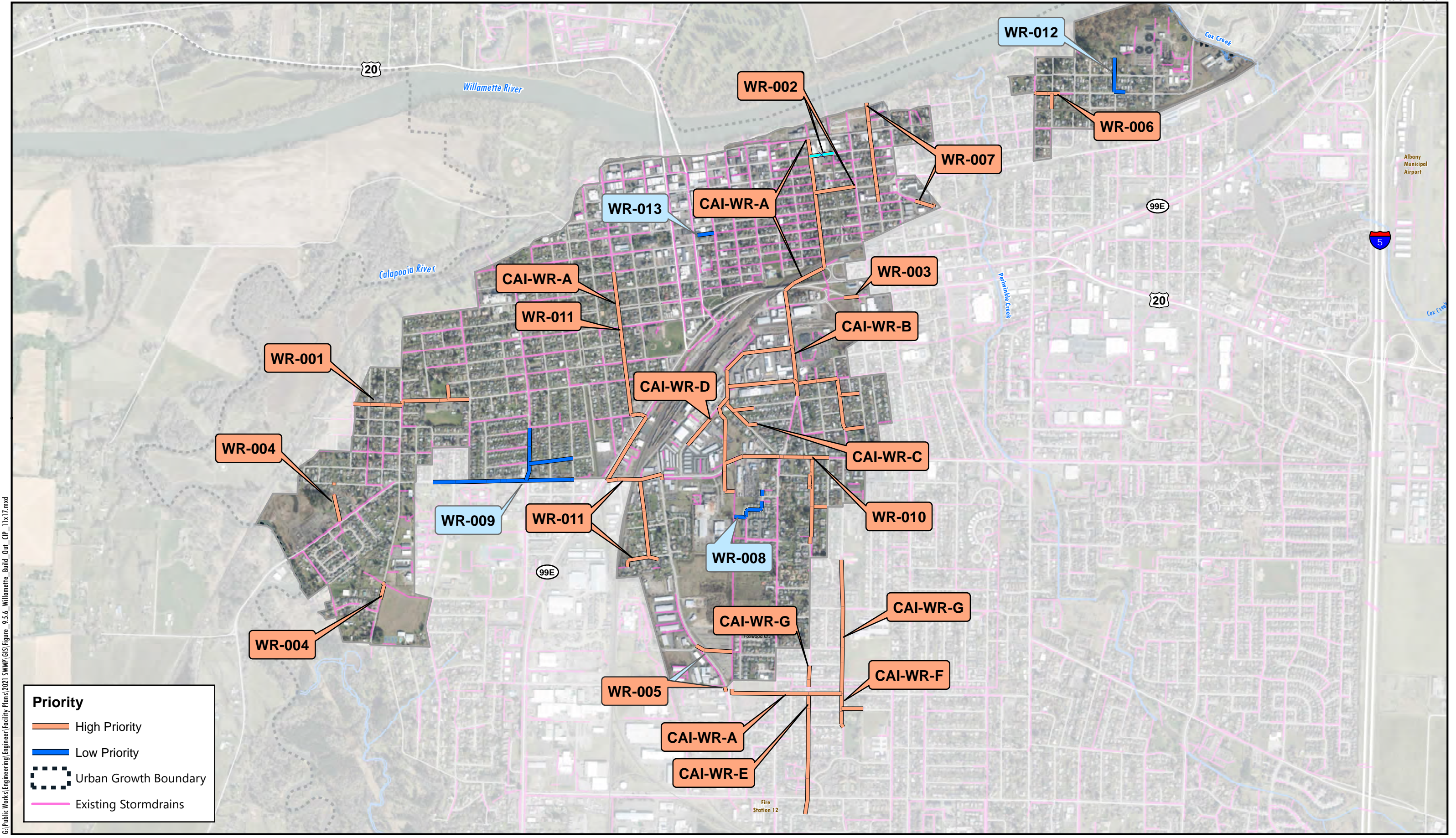
- High Priority
- Low Priority
- Urban Growth Boundary
- Existing Stormdrains



Periwinkle Creek Basin Build-Out CIP

Date: 4/6/2021

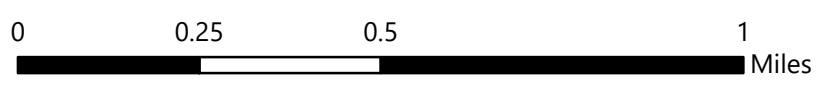
Figure 9.5.5



G:\Public Works\Engineering\Facility Plans\2021 SWMP\GIS\Figure_9.5.6_Willamette_Build_Out_CIP_11x17.mxd

Priority

- High Priority
- Low Priority
- Urban Growth Boundary
- Existing Stormdrains



Date: 3/30/2021

Willamette River Basin Build-Out CIP

Figure 9.5.6

Flood Control Conditions CIP Cost Estimate Summary (2021 ENR Costs)		
CIP ID	Name	Total Cost
Burkhart-Truax Watershed		
BT-001	Burkhart Creek Bridges - Clover Ridge Road & Knox Butte Apartments	\$ 2,032,700
BT-002	Burkhart Creek New Pipes - Earl Avenue, Century Drive, & Eleanor Drive	\$ 289,963
BT-003	Edgewater Drive & Breezy Way - Dunlap Avenue to Clover Ridge Road	\$ 329,085
BT-005	Somerset Drive - Cameron Street to Fairmont Drive	\$ 250,870
BT-006	Truax Creek New Pipes - Bernard Ave, Century Drive, Dian Ave, & David Ave	\$ 1,769,557
BT-007	Truax Creek New Pipes - Santa Maria Avenue and Charlotte Street	\$ 554,029
BT-008	Willamette Avenue - Empire Court to Timber Street	\$ 327,068
BT-009	Windy Avenue - Stormy Street to Breezy Way	\$ 432,662
BT-010	Burkhart Creek Bridge - Bob Barker Trucking	\$ 759,900
Burkhart-Truax Watershed Subtotal:		\$ 6,745,834
Cox Creek Watershed		
CC-001	Airport Road	\$ 283,493
CC-002	Columbus Street - 4th Avenue to Salem Avenue	\$ 498,486
CC-003	Cox Creek New Pipes - Center Street	\$ 383,783
CC-004	Heatherdale Mobile Home Park	\$ 1,492,921
CC-005	South Shore Drive - Locust Place to Bain Street	\$ 421,986
CC-006	Waverly Drive - 9th Avenue to Highway 20	\$ 100,334
CC-007	Albany Municipal Airport	\$ 421,389
CC-008	Cox Creek - Albany Airport Bypass	\$ 4,672,960
CC-009	Highway 99E - Burkhart Street to Cox Creek	\$ 320,775
CC-010	Fescue Street SE	\$ 203,957
CC-011	S Commercial Way SE	\$ 92,460
CC-012	Goldfish Farm Road - Mackinaw Ave to Maple Leaf Ave	\$ 391,267
Cox Creek Watershed Subtotal:		\$ 9,283,811
North Albany Watershed		
NA-001	23rd Street & Broadway Street	\$ 934,897
NA-002	Cluster Oak Avenue - East of Oak Glen Street	\$ 319,735
NA-003	Dover Lane, Grandview Drive, 19th Avenue, & Whitmore Avenue	\$ 1,063,026
NA-005	North Albany New Pipes - 13th Ave, Cloverdale Drive, Springwood Ave, & Dogwood Ln	\$ 2,576,936
NA-006	North Albany New Pipes - Fairway Drive & Cloverdale Drive	\$ 732,517
NA-007	North Albany New Pipes - South Nebergall Loop	\$ 1,231,957
NA-008	Penny Lane - South of Gibson Hill Road	\$ 106,578
NA-009	Ravenwood Drive - South of Dover Lane	\$ 299,150
NA-010	Riverview Heights Park	\$ 274,013
NA-012	Violet Avenue - Broadway Street to 21st Street	\$ 631,577
NA-013	White Oak Avenue & Brianna Street	\$ 279,568
NA-016	Gibson Hill Road - Pulver Lane to Thorn Drive	\$ 125,756
NA-018	Hickory Street - North Albany Road to Highway 20	\$ 398,661
NA-020	Red Oak Street - San Pedro Avenue to White Oak Avenue	\$ 68,522
NA-021	Scenic Drive - 23rd Avenue to Dover Lane	\$ 213,696
NA-024	Thorn Drive	\$ 55,568
NA-025	West Thornton Lake Drive to Thornton Lake	\$ 550,234
NA-026	North Albany Local Street System Plan	\$ 1,081,788
North Albany Watershed Subtotal:		\$ 10,944,179

Table 9.5.7 - Total Project Costs

Flood Control Conditions CIP Cost Estimate Summary (2021 ENR Costs)		
CIP ID	Name	Total Cost
Oak Creek Watershed		
OC-001	36th Avenue - Highway 99E to Oak Creek	\$ 505,474
OC-002	37th Avenue - Highway 99E to Oak Creek	\$ 419,766
OC-003	39th Avenue - 37th Ave to Oak Creek	\$ 225,575
OC-004	Drew Place - Bethel Loop to Oak Creek	\$ 220,529
OC-005	Elm Street & Umatilla Street Bridge - 22nd Avenue to Cathey Creek	\$ 1,208,030
OC-006	Ferry Street - 30th Avenue to 34th Avenue	\$ 729,344
OC-007	Highway 99E - 29th Avenue to Cathey Creek	\$ 501,347
OC-008	Liberty Street - Lakewood Drive to Park Place	\$ 151,998
OC-009	Liberty Street & 24th Avenue - 24th Avenue to Cathey Creek	\$ 543,067
OC-010	Marion Street - 38th Avenue to 34th Avenue	\$ 204,072
OC-011	Takeana Street & Liberty Street - Lakewood Drive to Cathey Creek	\$ 1,516,541
OC-012	Columbus Street Detention - 48th Avenue to Oak Creek	\$ 998,136
OC-019	Oak Creek New Pipes - 40th Avenue to Oak Creek	\$ 2,468,646
Oak Creek Watershed Subtotal:		\$ 9,692,525
Periwinkle Creek Watershed		
CAI-PC-A	Central Albany Improvements - Periwinkle Creek Basin: A - Geary Street Trunk Line	\$ 12,661,919
CAI-PC-B	Central Albany Improvements - Periwinkle Creek Basin: B - 19th Avenue & Hill Street	\$ 1,670,976
CAI-PC-C	Central Albany Improvements - Periwinkle Creek Basin: C - Oak Street, 38th Avenue to 28th Avenue	\$ 1,777,386
CAI-PC-D	Central Albany Improvements - Periwinkle Creek Basin: D - 28th Avenue, Thurston Street to Oak Street	\$ 1,346,367
CAI-PC-E	Central Albany Improvements - Periwinkle Creek Basin: E - 38th Avenue, Hill Street, & Tudor Way	\$ 2,204,154
CAI-PC-F	Central Albany Improvements - Periwinkle Creek Basin: F - Madison Street, 36th Avenue to 28th Avenue	\$ 1,400,120
PC-001	12th Ave SE Neighborhood	\$ 363,146
PC-002	20th Avenue	\$ 236,862
PC-003	21st Avenue & Periwinkle Creek	\$ 148,416
PC-004	22nd Avenue & 21st Place	\$ 296,279
PC-005	7th Avenue - Main Street SE to Periwinkle Creek	\$ 544,761
PC-006	Bain Street - 28th Avenue to Westcott Avenue	\$ 177,724
PC-007	Columbus Street & Grand Prairie Road	\$ 1,801,666
PC-008	East Mountain View Drive	\$ 215,662
PC-009	Geary Street - South of Queen Avenue	\$ 159,280
PC-011	Lexington Street & Collingwood Street - 29th Avenue to 24th Avenue	\$ 842,876
PC-012	Main Street SE - 6th Ave SE to 7th Ave SE	\$ 99,979
PC-013	Oxford Avenue	\$ 241,035
PC-014	Periwinkle Creek - I5 Drainage through Edgewood Mobile Home Park	\$ 628,753
PC-015	Periwinkle Creek New Pipes - Lehigh Way	\$ 346,783
PC-016	Queen Avenue & Tudor Way - Hill Street to Periwinkle Creek	\$ 912,628
PC-017	SE Geary Street & Grand Prairie Road	\$ 1,041,979
PC-018	Tudor Way SE & 27th Ave SE	\$ 119,566
PC-021	32nd Avenue East of Ermine Street	\$ 104,343
PC-023	Periwinkle Creek - Three Lakes Road SE	\$ 1,605,400
PC-024	Highway 99E & Highway 20	\$ 88,354
PC-026	Waverly Drive - 14th Avenue to Queen Avenue	\$ 366,734
PC-027	Grand Prairie Rd ODOT Pond Outfall	\$ 20,821
PC-028	Chicago Street - 31st Avenue to 34th Avenue	\$ 229,635
Periwinkle Watershed Subtotal:		\$ 31,653,604

Table 9.5.7 - Total Project Costs

Flood Control Conditions CIP Cost Estimate Summary (2021 ENR Costs)		
CIP ID	Name	Total Cost
Willamette River Watershed		
CAI-WR-A	Central Albany Improvements - Willamette River Basin: A - Trunk Line Extension & Improvements	\$ 11,157,129
CAI-WR-B	Central Albany Improvements - Willamette River Basin: B - Industrial Way, Thurston Street, Jackson Street, & 13th Avenue	\$ 1,692,879
CAI-WR-C	Central Albany Improvements - Willamette River Basin: C - Howard Drive, 15th Avenue, & 14th Avenue	\$ 385,719
CAI-WR-D	Central Albany Improvements - Willamette River Basin: D - Industrial Way, Southwest of Howard Drive	\$ 203,403
CAI-WR-E	Central Albany Improvements - Willamette River Basin: E - Jackson Street, 35th Avenue to 28th Avenue	\$ 971,291
CAI-WR-F	Central Albany Improvements - Willamette River Basin: F - 29th Avenue & Thurston Street	\$ 329,936
CAI-WR-G	Central Albany Improvements - Willamette River Basin: G - Thurston Street, 22nd Avenue to 28th Avenue	\$ 900,453
WR-001	12th Avenue - Takena Street to Broadway Street	\$ 832,708
WR-002	3rd Street & 1st Street - Madison Street to Thurston Street	\$ 540,600
WR-003	9th Avenue - West of Madison Street	\$ 79,616
WR-004	Broadway Street New Pipe - North of 25th Avenue	\$ 281,714
WR-005	Ferry Street - Trunk Line Pipe Connection	\$ 332,114
WR-006	Front Avenue - Alco Street to Geary Street	\$ 230,285
WR-007	Hill Street - 4th Avenue to Willamette River	\$ 1,080,005
WR-008	Lyon Street & 19th Avenue	\$ 290,053
WR-009	Queen Avenue & Elm Street - Maple Street & LawnrIDGE Street to 14th Avenue	\$ 1,442,860
WR-010	Queen Avenue & Jackson Street - Jefferson Street to Industrial Way	\$ 1,349,578
WR-011	Washington Street - 22nd Avenue to 9th Avenue	\$ 3,300,780
WR-012	Willamette River New Pipes - Columbus Street & Front Avenue	\$ 260,066
WR-013	Baker Street	\$ 84,107
Willamette River Watershed Subtotal:		\$ 25,745,296
Transportation System Plan Storm Improvements		
TSP-L1	TSP Project L1 - 53rd Avenue Extension	\$ 1,813,084
TSP-L4	TSP Project L4 - Timber Street Extension	\$ 553,587
TSP-L8	TSP Project L8 - Lochner-Columbus Connector	\$ 1,175,027
TSP-L10	TSP Project L10 - New North Albany Connector	\$ 620,684
TSP-L13	TSP Project L13 - Goldfish Farm Road Extension	\$ 220,068
TSP-L14	TSP Project L14 - Dogwood Avenue Extension	\$ 5,788,997
TSP-L15	TSP Project L15 - New North/South Collector	\$ 6,736,756
TSP-L16	TSP Project L16 - New East/West Collector	\$ 3,740,723
TSP-L18	TSP Project L18 - Timber Street Extension to Somerset Avenue	\$ 2,184,870
TSP-L19	TSP Project L19 - Somerset Avenue Extension	\$ 2,059,641
TSP-L20	TSP Project L20 - Santa Maria Avenue Extension	\$ 368,096
TSP-L22	TSP Project L22 - Knox Butte Road Widening	\$ 504,140
TSP-L23	TSP Project L23 - Knox Butte Road Widening	\$ 172,841
TSP-L24	TSP Project L24 - Knox Butte Road Widening	\$ 3,173,647
TSP-L25	TSP Project L25 - Dunlap Avenue Extension	\$ 334,118
TSP-L28	TSP Project L28 - Ellingson Road Extension	\$ 1,085,264
TSP-L31	TSP Project L31 - Fescue Street to Three Lakes Road Connector	\$ 277,016
TSP-L32	TSP Project L32 - Fescue Street Extension	\$ 1,509,654
TSP-L34	TSP Project L34 - Looney Lane Extension	\$ 246,593
TSP-L37	TSP Project L37 - Springhill Drive	\$ 1,517,087
TSP-L38	TSP Project L38 - Scenic Drive	\$ 1,970,639
TSP-L41	TSP Project L41 - Skyline Drive	\$ 493,321
TSP-L42	TSP Project L42 - Crocker Lane	\$ 1,580,176
TSP-L43	TSP Project L43 - Valley View Drive	\$ 1,042,125
TSP-L44	TSP Project L44 - West Thornton Lake Drive	\$ 1,652,575
TSP-L45	TSP Project L45 - Allen Lane	\$ 1,093,897
TSP-L46	TSP Project L46 - Columbus Street	\$ 816,851
TSP-L47	TSP Project L47 - Grand Prairie Road	\$ 724,986
TSP-L49	TSP Project L49 - Scrael Hill Road	\$ 1,446,735
TSP-L50	TSP Project L50 - Quarry Road	\$ 588,340
TSP-L52	TSP Project L52 - Goldfish Farm Road	\$ 844,104
TSP-L53	TSP Project L53 - Ellingson Lane	\$ 838,144
TSP-L54	TSP Project L54 - Lochner Road	\$ 2,286,952
TSP-L55	TSP Project L55 - Three Lakes Road	\$ 1,044,878
TSP-L57	TSP Project L57 - Santa Maria Avenue	\$ 534,641
TSP-L61	TSP Project L61 - Three Lakes Road	\$ 201,804
Transportation System Plan Subtotal:		\$ 51,242,061
Future Conditions CIP Total:		\$ 145,307,310

Table 9.5.7 - Total Project Costs

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(BT-001) Burkhart Creek Bridges - Clover Ridge Road & Knox Butte Apartments							
580	Construct Bridge		60' Span, 60' Width				\$ 1,367,800
581	Construct Bridge		50' Span, 35' Width				\$ 664,900
						Total:	\$ 2,032,700
(BT-002) Burkhart Creek New Pipes - Earl Avenue, Century Drive, & Eleanor Drive							
BT_NEW_013_L	BT_NEW_013	BT_NEW_014	1.5	364.9	4.64	\$ 364	\$ 132,824
BT_NEW_014_L	BT_NEW_014	BT_NEW_015	1.5	288.2	4.64	\$ 364	\$ 104,905
BT_NEW_015_L	BT_NEW_015	38420210HW	1.5	143.5	5.89	\$ 364	\$ 52,234
						Total:	\$ 289,963
(BT-003) Edgewater Drive & Breezy Way - Dunlap Avenue to Clover Ridge Road							
138954	30410900MH	30410890MH	2	85.88	6.64	\$ 416	\$ 35,726
138964	30410890MH	30410880MH	1.75	30.15	6.71	\$ 371	\$ 11,186
143046	30410920MH	30410900MH	2	109.31	6.5	\$ 416	\$ 45,473
BT_NEW_016_L	30410850MH	30415520OF	2	450	10.73	\$ 526	\$ 236,700
						Total:	\$ 329,085
(BT-005) Somerset Drive - Cameron Street to Fairmont Drive							
124398	30410160MH	30410050MH	1.25	139.18	3.63	\$ 347	\$ 48,295
124400	30410050MH	30410040MH	1.25	91.72	3.7	\$ 347	\$ 31,827
124403	30410040MH	30410030MH	1.25	408.83	4.6	\$ 347	\$ 141,864
124404	30410030MH	30410020MH	1.25	83.24	4.72	\$ 347	\$ 28,884
						Total:	\$ 250,870
(BT-006) Truax Creek New Pipes - Bernard Ave, Century Drive, Dian Ave, & David Ave							
BT_NEW_001_L	BT_NEW_001	BT_NEW_003	0.833	175.8	4.32	\$ 305	\$ 53,619
BT_NEW_002_L	BT_NEW_002	BT_NEW_003	1.75	1158	5.32	\$ 371	\$ 429,618
BT_NEW_003_L	BT_NEW_003	BT_NEW_005	2.25	776	5.97	\$ 436	\$ 338,336
BT_NEW_004_L	BT_NEW_004	BT_NEW_005	1.5	971.8	5.84	\$ 364	\$ 353,735
BT_NEW_005_L	BT_NEW_005	BT_NEW_006	2.5	369.7	6.17	\$ 497	\$ 183,741
BT_NEW_006_L	BT_NEW_006	3340090ED	2.5	77.5	12.77	\$ 617	\$ 47,818
BT_NEW_007_L	BT_NEW_007	BT_NEW_008	1.25	829.3	4.5	\$ 347	\$ 287,767
BT_NEW_008_L	BT_NEW_008	3340090ED	1.5	130.3	15.36	\$ 575	\$ 74,923
						Total:	\$ 1,769,557
(BT-007) Truax Creek New Pipes - Santa Maria Avenue and Charlotte Street							
BT_NEW_009_L	BT_NEW_009	TSP-L57-N002	2	1331.8	5.36	\$ 416	\$ 554,029
(BT-008) Willamette Avenue - Empire Court to Timber Street							
88715	30441540CB	30441580CB	1.75	330.75	3.52	\$ 371	\$ 122,708
88720	30441580CB	30441300CB	1.75	209.49	3.52	\$ 371	\$ 77,721
88727	30441460CB	30441510CB	1.5	66.86	3.17	\$ 364	\$ 24,337
88756	30441450CB	30441460CB	1.5	183.5	3.17	\$ 364	\$ 66,794
88782	30441300CB	30441310OF	1.75	95.71	7.1	\$ 371	\$ 35,508
						Total:	\$ 327,068
(BT-009) Windy Avenue - Stormy Street to Breezy Way							
127005	30320040MH	30320020MH	1.25	282.07	3.75	\$ 347	\$ 97,878
127006	30320020MH	30410070MH	1.5	437.79	4	\$ 364	\$ 159,356
127015	30410080MH	30410070MH	1.25	26.77	3.9	\$ 347	\$ 9,289
127021	30410090MH	30410080MH	1.25	247.14	3.53	\$ 347	\$ 85,758
131573	30320060MH	30320050MH	1	114.47	3.66	\$ 308	\$ 35,257
131574	30320050MH	30320040MH	1.25	130.04	3.7	\$ 347	\$ 45,124
						Total:	\$ 432,662
(BT-010) Burkhart Creek Bridge - Bob Barker Trucking							
582	Construct Bridge		50' Span, 40' Width				\$ 759,900
(CC-001) Airport Road							
87516	30430120MH	30430130MH	1.75	265	6.66	\$ 371	\$ 98,315
87517	30430110MH	30430440T	1.75	297.5	4.57	\$ 371	\$ 110,373
87523	30430440T	30430120MH	1.75	201.63	5.36	\$ 371	\$ 74,805
						Total:	\$ 283,493

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft.	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(CC-002) Columbus Street - 4th Avenue to Salem Avenue							
85801	30541330MH	30540830MH	1.75	25.92	4.54	\$ 371	\$ 9,616
85807	30540840MH	30541330MH	1.5	63	4.46	\$ 364	\$ 22,932
85808	30540830MH	30540380MH	1.75	325.4	6.03	\$ 371	\$ 120,723
85809	30540860MH	30540840MH	1.25	429.2	4.14	\$ 347	\$ 148,932
88405	30532000T	30540840MH	1.25	55.23	4.21	\$ 347	\$ 19,165
105198	30540380MH	30540380T	2.5	75	8.45	\$ 497	\$ 37,275
105199	30540380T	30540390MH	2.5	226.65	10.22	\$ 617	\$ 139,843
						Total:	\$ 498,486
(CC-003) Cox Creek New Pipes - Center Street							
106922	30922440MH	30922440T	1.75	187.28	3.67	\$ 371	\$ 69,481
106938	30922440T	30922590MH	1.75	82.01	3.67	\$ 371	\$ 30,426
COX_NEW_001_L	COX_NEW_001	COX_NEW_002	1.5	364.44	3.48	\$ 364	\$ 132,656
COX_NEW_002_L	COX_NEW_002	COX_NEW_003	1.75	180.8	3.05	\$ 371	\$ 67,077
COX_NEW_003_L	COX_NEW_003	Node3383	1.75	124.7	2.97	\$ 371	\$ 46,264
Link3333	Node3383	Node3384	1.75	50	3.07	\$ 371	\$ 18,550
Link3334	Node3384	30922440MH	1.75	52.1	3.08	\$ 371	\$ 19,329
						Total:	\$ 383,783
(CC-004) Heatherdale Mobile Home Park							
85288	30810080MH	30811970MH	3	280	8.76	\$ 534	\$ 149,520
85292	30810030MH	30810030T	3	46	6.19	\$ 534	\$ 24,564
85306	30810070MH	30810080MH	3	83.1	8.76	\$ 534	\$ 44,375
86005	30811970MH	30811960MH	3	170	8.6	\$ 534	\$ 90,780
94422	30810030T	30810070MH	3	189.63	7.36	\$ 534	\$ 101,262
150967	30811960MH	30811960OF	3	140	15.72	\$ 777	\$ 108,780
COX_NEW_004_L	30920560HW	30920900HW	2.5	570.6	8.75	\$ 497	\$ 283,588
COX_NEW_005_L	30920900HW	30921050PE	2.5	900.2	10.14	\$ 617	\$ 555,423
COX_NEW_006_L	30921050PE	30811000OF	2.5	218.2	10.14	\$ 617	\$ 134,629
						Total:	\$ 1,492,921
(CC-005) South Shore Drive - Locust Place to Bain Street							
85314	30920100MH	30920090MH	1.5	120.04	5.52	\$ 364	\$ 43,695
85320	30920090MH	30920060MH	1.5	176.07	7.86	\$ 364	\$ 64,089
85877	30811940MH	30811950MH	1.25	240.42	5.98	\$ 347	\$ 83,426
85880	30811950MH	30811970MH	1.25	160	6.24	\$ 347	\$ 55,520
85900	30811910MH	30811920MH	1.25	137.07	6.15	\$ 347	\$ 47,563
85903	30811920MH	30811940MH	1.25	367.99	5.92	\$ 347	\$ 127,693
						Total:	\$ 421,986
(CC-006) Waverly Drive - 9th Avenue to Highway 20							
85210	30810280CB	30810290CB	1.75	112.01	4.16	\$ 371	\$ 41,556
85221	30810290CB	30810790MH	1.75	49.73	4.54	\$ 371	\$ 18,450
85229	30810260MH	30810280CB	1.75	108.7	3.78	\$ 371	\$ 40,328
						Total:	\$ 100,334
(CC-007) Albany Municipal Airport							
87518	30430415MH	30430410OF	2.5	76.28	11.07	\$ 617	\$ 47,065
87520	30430390MH	30430410MH	2	399.28	8.45	\$ 416	\$ 166,100
88835	30430400MH	30430390MH	1.5	232.76	5.58	\$ 364	\$ 84,725
143602	30430405MH	30430400MH	2	59.65	5.12	\$ 416	\$ 24,814
143624	30430410MH	30430415MH	2	74.5	9.65	\$ 416	\$ 30,992
143675	30430330CB	30430409CB	1.5	185.97	2.73	\$ 364	\$ 67,693
						Total:	\$ 421,389
(CC-008) Cox Creek - Albany Airport Bypass							
COX_NEW_007_L	30441080OF	30430410OF	4	1360	19.74	\$ 859	\$ 1,168,240
COX_NEW_008_L	30441080OF	30430410OF	4	1360	19.74	\$ 859	\$ 1,168,240
COX_NEW_009_L	30441080OF	30430410OF	4	1360	19.74	\$ 859	\$ 1,168,240
COX_NEW_010_L	30441080OF	30430410OF	4	1360	19.74	\$ 859	\$ 1,168,240
						Total:	\$ 4,672,960
(CC-009) Highway 99E - Burkhart Street to Cox Creek							
85151	30821160MH	30820520MH	1.5	255.45	7.34	\$ 364	\$ 92,984
85235	30821020MH	30821160MH	1.5	213.69	5.89	\$ 364	\$ 77,783
86203	30820510T	30540900MH	1.5	85.17	7.34	\$ 364	\$ 31,002
86205	30540900MH	30540960MH	1.5	266.7	7.34	\$ 364	\$ 97,079
86264	30820520MH	30820510T	1.5	60.24	7.34	\$ 364	\$ 21,927
						Total:	\$ 320,775

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(CC-010) Fescue Street SE							
96200	30933040MH	30922330MH	1.5	272.69	10.9	\$ 469	\$ 127,892
96201	30933030MH	30933040MH	1.5	130	9.41	\$ 364	\$ 47,320
96475	30933290MH	30933030MH	1.5	78.97	9.31	\$ 364	\$ 28,745
						Total:	\$ 203,957
(CC-011) S Commercial Way SE							
100062	30912901MH	30912901OF	1.5	22.72	3.131	\$ 364	\$ 8,270
151792	30912970MH	30910005MH	1.5	41	4.928	\$ 364	\$ 14,924
Cox t	30912901OF	30912970MH	1.5	190.29	3.964	\$ 364	\$ 69,266
						Total:	\$ 92,460
(CC-012) Goldfish Farm Road - Mackinaw Ave to Maple Leaf Ave							
120720	31030020MH	31030010MH	2.5	280.06	4.85	\$ 497	\$ 139,190
120721	31030030MH	31030020MH	2.5	156.01	4.85	\$ 497	\$ 77,537
120722	31030040MH	31030030MH	2.5	314.03	3.72	\$ 497	\$ 156,073
128088	30940662CI	30940660MH	1.25	53.22	3.7	\$ 347	\$ 18,467
						Total:	\$ 391,267
(NA-001) 23rd Street & Broadway Street							
87704	43620010MH	43620020MH	1.25	135.8	6.57	\$ 347	\$ 47,123
87705	43620020MH	43620010T	1.25	11.15	7.02	\$ 347	\$ 3,869
94651	43610950MH	43610960MH	1.25	165.07	5.03	\$ 347	\$ 57,279
94656	43610940MH	43610950MH	1.25	152.64	5.27	\$ 347	\$ 52,966
94657	43610930MH	43610940MH	1.25	251.96	6.76	\$ 347	\$ 87,430
118327	43610960MH	43611050MH	1.5	196.99	5.2	\$ 364	\$ 71,704
118328	43611050MH	43611060MH	1.75	277	5.03	\$ 371	\$ 102,767
118329	43611060MH	43611070MH	1.75	97.99	4.75	\$ 371	\$ 36,354
118330	43611070MH	43611080MH	1.75	160.7	5.39	\$ 371	\$ 59,620
118331	43611210MH	43611080MH	1.5	104.6	4.62	\$ 364	\$ 38,074
118332	43611080MH	43611080OF	1.75	46	7.238	\$ 371	\$ 17,066
122912	43611220T	43611220MH	1.5	31.21	5.15	\$ 364	\$ 11,360
122914	43611220MH	43611215MH	1.5	135.04	5.2	\$ 364	\$ 49,155
122915	43611215MH	43611210MH	1.5	269.59	4.34	\$ 364	\$ 98,131
122924	43611230MH	43611220T	1.25	242.05	6.75	\$ 347	\$ 83,991
NA_NEW_023_L	43620010T	NA_NEW_027	1.25	104.3	7.02	\$ 347	\$ 36,192
NA_NEW_024_L	NA_NEW_027	43611230MH	1.25	235.78	6.94	\$ 347	\$ 81,816
						Total:	\$ 934,897
(NA-002) Cluster Oak Avenue - East of Oak Glen Street							
101450	42530930MH	42530920MH	1.25	60.21	5.5	\$ 347	\$ 20,893
101451	42530940MH	42530930MH	1.25	181.5	7.3	\$ 347	\$ 62,981
101452	42530950MH	42530940MH	1.25	102.48	11.7	\$ 451	\$ 46,218
101453	42530960MH	42530950MH	1.25	130.69	11.7	\$ 451	\$ 58,941
101454	42530970MH	42530960MH	1.25	177.6	11.7	\$ 451	\$ 80,098
101455	42530980MH	42530970MH	1.25	108.9	8.6	\$ 347	\$ 37,788
Culv_C_1	NA_CR_855	NA_CR_851	3	24	6.04	\$ 534	\$ 12,816
						Total:	\$ 319,735
(NA-003) Dover Lane, Grandview Drive, 19th Avenue, & Whitmore Avenue							
5884	43510390MH	43510400T	1.75	47.68	6.07	\$ 371	\$ 17,689
87865	43510430X	43510430T	1.5	214.06	6.82	\$ 364	\$ 77,918
87869	43510340X	43510360MH	1.5	550.09	5.76	\$ 364	\$ 200,233
87870	43510360MH	43510390MH	1.5	248.36	5.12	\$ 364	\$ 90,403
87871	43510400T	43510410MH	2	445.94	8.07	\$ 416	\$ 185,511
87887	43510310MH	43510340X	1.5	31.02	6.03	\$ 364	\$ 11,291
87891	43510440MH	43510430X	1.5	45.58	7.09	\$ 364	\$ 16,591
87892	43510430T	43510410MH	1.5	30.85	6.93	\$ 364	\$ 11,229
87893	43620730MH	43620800MH	2.5	139.01	6.31	\$ 497	\$ 69,088
87895	43510460MH	43510450T	1.25	109.17	4.04	\$ 347	\$ 37,882
87896	43510410MH	43620730MH	2.5	335.27	8.05	\$ 497	\$ 166,629
87912	43510390T	43510390MH	1.5	28.28	7.72	\$ 364	\$ 10,294
87914	43510450T	43510440MH	1.25	29.04	4.49	\$ 347	\$ 10,077
87916	43620700MH	43510460MH	1.25	281.75	3.97	\$ 347	\$ 97,767
88557	43510380MH	43510390T	1.5	118.62	8.15	\$ 364	\$ 43,178
95178	43620800MH	43620800CI	2.5	11.45	4.19	\$ 497	\$ 5,691
142631	43620800CI	43620800DB	2.5	23.25	4.25	\$ 497	\$ 11,555
						Total:	\$ 1,063,026

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(NA-005) North Albany New Pipes - 13th Ave, Cloverdale Drive, Springwood Ave, & Dogwood Ln							
NA_NEW_004_L	NA_NEW_006	NA_NEW_005	2	126.34	22.24	\$ 987	\$ 124,698
NA_NEW_005_L	NA_NEW_007	NA_NEW_006	2	716.01	22.04	\$ 987	\$ 706,702
NA_NEW_006_L	NA_NEW_009	NA_NEW_007	2	619.32	15.14	\$ 636	\$ 393,888
NA_NEW_007_L	NA_NEW_010	NA_NEW_009	2	172.94	11.44	\$ 526	\$ 90,966
NA_NEW_008_L	NA_NEW_011	NA_NEW_010	2	427.91	11.24	\$ 526	\$ 225,081
NA_NEW_009_L	NA_NEW_012	NA_NEW_011	2	150.96	9.7	\$ 416	\$ 62,799
NA_NEW_010_L	NA_NEW_013	NA_NEW_012	1	172.58	6.09	\$ 308	\$ 53,155
NA_NEW_011_L	NA_NEW_014	NA_NEW_012	2	277.88	6.84	\$ 416	\$ 115,598
NA_NEW_012_L	NA_NEW_015	NA_NEW_014	1.5	266.82	6.39	\$ 364	\$ 97,122
NA_NEW_013_L	NA_NEW_016	NA_NEW_015	1.5	146.06	6.54	\$ 364	\$ 53,166
NA_NEW_014_L	NA_NEW_017	NA_NEW_016	1.5	280.66	6.34	\$ 364	\$ 102,160
NA_NEW_015_L	NA_NEW_018	NA_NEW_014	1.25	176.59	3.35	\$ 347	\$ 61,277
NA_NEW_016_L	NA_NEW_019	NA_NEW_018	1.25	477.41	8.17	\$ 347	\$ 165,661
NA_NEW_017_L	NA_NEW_020	NA_NEW_019	1.25	218.6	7.97	\$ 347	\$ 75,854
NA_NEW_018_L	NA_NEW_021	NA_NEW_020	1.25	717.03	4.91	\$ 347	\$ 248,809
						Total:	\$ 2,576,936
(NA-006) North Albany New Pipes - Fairway Drive & Cloverdale Drive							
NA_NEW_019_L	NA_NEW_023	NA_NEW_022	2	80.74	12.07	\$ 526	\$ 42,469
NA_NEW_020_L	NA_NEW_024	NA_NEW_023	2	352.49	11.47	\$ 526	\$ 185,410
NA_NEW_021_L	NA_NEW_025	NA_NEW_024	0.833	587.72	9.66	\$ 305	\$ 179,255
NA_NEW_022_L	NA_NEW_026	NA_NEW_024	1.5	893.91	9.41	\$ 364	\$ 325,383
						Total:	\$ 732,517
(NA-007) North Albany New Pipes - South Nebergall Loop							
NA_NEW_001_L	NA_NEW_002	NA_NEW_001	1.5	932.09	15.21	\$ 575	\$ 535,952
NA_NEW_002_L	NA_NEW_003	NA_NEW_002	1.5	1220.93	10.92	\$ 469	\$ 572,616
NA_NEW_003_L	NA_NEW_004	NA_NEW_003	1.5	338.98	4.91	\$ 364	\$ 123,389
						Total:	\$ 1,231,957
(NA-008) Penny Lane - South of Gibson Hill Road							
87613	43630480MH	43630480OF	1.5	23.21	3.96	\$ 364	\$ 8,448
87637	43630460MH	43630480MH	1.5	115.71	2.92	\$ 364	\$ 42,118
87689	43630450MH	43630460MH	1.5	153.88	7.63	\$ 364	\$ 56,012
						Total:	\$ 106,578
(NA-009) Ravenwood Drive - South of Dover Lane							
87905	43510540MH	43510540OF	2.5	52.94	5.89	\$ 497	\$ 26,311
96845	43510860MH	43510870MH	1.75	322.49	4.65	\$ 371	\$ 119,644
96846	43510870MH	43510540MH	2.5	308.24	4.65	\$ 497	\$ 153,195
						Total:	\$ 299,150
(NA-010) Riverview Heights Park							
85874	43620360FI	43620360PE	1.75	193.62	6.21	\$ 371	\$ 71,833
87700	43620040MH	43620350OF	1.5	21.95	4.26	\$ 364	\$ 7,990
87707	43620050MH	43620040MH	1.25	157.6	4.53	\$ 347	\$ 54,687
87709	43620060MH	43620050MH	1.25	301.5	3.61	\$ 347	\$ 104,621
Culv_E_1	NA_CR_12	NA_CR_11	2	10	3.63	\$ 416	\$ 4,160
Culv_E_2	NA_CR_14	NA_CR_13	1.5	60.4	8.48	\$ 364	\$ 21,986
Culv_E_3	NA_CR_18	NA_CR_17	1.5	24	7.46	\$ 364	\$ 8,736
						Total:	\$ 274,013
(NA-012) Violet Avenue - Broadway Street to 21st Street							
118352	43611190MH	43611130T	1.25	158.21	4.78	\$ 347	\$ 54,899
118353	43611130T	43611130MH	1.25	10.54	4.14	\$ 347	\$ 3,657
118356	43611130MH	43611130OF	1.75	35	12.5	\$ 477	\$ 16,695
118357	43611120MH	43611130MH	1.75	350.02	8.37	\$ 371	\$ 129,857
118358	43611110MH	43611120MH	1.75	296.99	8.17	\$ 371	\$ 110,183
118364	43611100MH	43611110MH	1.5	410	4.51	\$ 364	\$ 149,240
122919	43611200T	43611190MH	1.25	481.4	5.28	\$ 347	\$ 167,046
						Total:	\$ 631,577
(NA-013) White Oak Avenue & Brianna Street							
151698	42531340MH	42531350MH	1.25	230.04	7.9	\$ 347	\$ 79,824
151701	42531350MH	42531360MH	1.25	256.71	6.1	\$ 347	\$ 89,078
151704	42531360MH	42531370MH	1.25	51.75	8.92	\$ 347	\$ 17,957
151734	42531370MH	42531500MH	1.75	249.89	9.15	\$ 371	\$ 92,709
						Total:	\$ 279,568

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(NA-016) Gibson Hill Road - Pulver Lane to Thorn Drive							
87825	43540140MH	43540140T	1.75	235.1	4.78	\$ 371	\$ 87,222
95446	43540140T	43540140Ta	2	44.63	3.97	\$ 416	\$ 18,566
95460	43540150F	43541010D	2	5.85	6.85	\$ 416	\$ 2,434
150935	43540140Ta	43540150PE	2	36.65	7.09	\$ 416	\$ 15,246
NA_H_t	43540150PE	43540150F	2	5.5	7.09	\$ 416	\$ 2,288
						Total:	\$ 125,756
(NA-018) Hickory Street - North Albany Road to Highway 20							
100625	40140130MH	40140145MH	2.5	374	9.35	\$ 497	\$ 185,878
100626	40140145MH	40140140OF	2.5	229.99	9.38	\$ 497	\$ 114,305
151648	40110465MH	40110460MH	2	187.22	10.4	\$ 526	\$ 98,478
						Total:	\$ 398,661
(NA-020) Red Oak Street - San Pedro Avenue to White Oak Avenue							
151715	42531410MH	42531420MH	1.25	52.13	6.9	\$ 347	\$ 18,089
151716	42531420MH	42531430MH	1.25	113.59	7.25	\$ 347	\$ 39,416
151718	42531430MH	42531440MH	1.25	31.75	6.45	\$ 347	\$ 11,017
						Total:	\$ 68,522
(NA-021) Scenic Drive - 23rd Avenue to Dover Lane							
90491	43520180HW	43520180PE	1.75	288	7.27	\$ 371	\$ 106,848
151043	43520180HW	43520180PE	1.75	288	7.26	\$ 371	\$ 106,848
						Total:	\$ 213,696
(NA-024) Thorn Drive							
94861	43540700MH	43540660MH	1.5	126.67	4.24	\$ 364	\$ 46,108
94862	43540250HW	43540700MH	1.5	25.99	3.58	\$ 364	\$ 9,460
						Total:	\$ 55,568
(NA-025) West Thornton Lake Drive to Thornton Lake							
89980	40120020HW	Thorn 39	1.5	598.08	24	\$ 920	\$ 550,234
(NA-026) North Albany Local Street System Plan							
NA_NEW_025_L	NA_NEW_028	Hwy20 E 8	6	161.4	13.72	\$ 964	\$ 155,590
NA_NEW_026_L	NA_NEW_029	Hwy20 E 8	2	39.1	13.72	\$ 526	\$ 20,567
NA_NEW_027_L	NA_NEW_030	NA_NEW_029	0.833	851.5	6.32	\$ 305	\$ 259,708
NA_NEW_028_L	NA_NEW_031	NA_NEW_029	2	781.4	7.12	\$ 416	\$ 325,062
NA_NEW_029_L	NA_NEW_032	NA_NEW_031	2	353.7	5.36	\$ 416	\$ 147,139
NA_NEW_030_L	NA_NEW_033	NA_NEW_032	2	417.6	4.52	\$ 416	\$ 173,722
						Total:	\$ 1,081,788
(OC-001) 36th Avenue - Highway 99E to Oak Creek							
OAK_NEW_008_L	OAK_NEW_008	Crk_Oak 21	1.25	207.9	4.95	\$ 347	\$ 72,141
OAK_NEW_009_L	OAK_NEW_009	OAK_NEW_008	1.25	651.6	4.95	\$ 347	\$ 226,105
OAK_NEW_010_L	OAK_NEW_010	OAK_NEW_009	1.25	597.2	4.75	\$ 347	\$ 207,228
						Total:	\$ 505,474
(OC-002) 37th Avenue - Highway 99E to Oak Creek							
OAK_NEW_011_L	OAK_NEW_011	Crk_Oak 23	1.25	174.6	4.45	\$ 347	\$ 60,586
OAK_NEW_012_L	OAK_NEW_012	OAK_NEW_011	1.25	420.4	4.45	\$ 347	\$ 145,879
OAK_NEW_013_L	OAK_NEW_013	OAK_NEW_012	1.25	614.7	4.25	\$ 347	\$ 213,301
						Total:	\$ 419,766
(OC-003) 39th Avenue - 37th Ave to Oak Creek							
OAK_NEW_014_L	OAK_NEW_014	42410055CB	1	150.93	2.78	\$ 308	\$ 46,486
OAK_NEW_015_L	OAK_NEW_015	OAK_NEW_014	1	465.2	3.83	\$ 308	\$ 143,282
OAK_NEW_016_L	OAK_NEW_016	42410055CB	0.833	117.4	3.83	\$ 305	\$ 35,807
						Total:	\$ 225,575
(OC-004) Drew Place - Bethel Loop to Oak Creek							
87291	42520010CB	42520310OF	1.75	122.52	4.91	\$ 371	\$ 45,455
87292	42520260CB	42520030CB	1.25	254.78	3.21	\$ 347	\$ 88,409
87315	42520320MH	42520010CB	1.5	238.09	3.81	\$ 364	\$ 86,665
						Total:	\$ 220,529
(OC-005) Elm Street & Umatilla Street Bridge - 22nd Avenue to Cathey Creek							
610	Construct Bridge		40' Span, 35' Width				\$ 532,000
84175	41310050MH	41310050CB	3	94.73	5.45	\$ 534	\$ 50,586
84177	41310080MH	41310090MH	3	134.81	6.44	\$ 534	\$ 71,989
84211	41310050CB	41310070MH	3	165.11	5.2	\$ 534	\$ 88,169
84219	41310110MH	41310580MH	1.5	107.1	4.06	\$ 364	\$ 38,984
84226	41310580MH	41310090MH	1.5	114.94	4.99	\$ 364	\$ 41,838
84230	41310070MH	41310080MH	3	314.36	6.38	\$ 534	\$ 167,868
88541	41310090MH	41310690OF	3	405.61	9.06	\$ 534	\$ 216,596
						Total:	\$ 1,208,030

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(OC-006) Ferry Street - 30th Avenue to 34th Avenue							
86434	31830820MH	31830510T	3	308.03	9.48	\$ 534	\$ 164,488
86779	31830160MH	31830060MH	3	645.41	12.7	\$ 656	\$ 423,389
86796	31830510T	31830160MH	3	264.92	8.14	\$ 534	\$ 141,467
						Total:	\$ 729,344
(OC-007) Highway 99E - 29th Avenue to Cathey Creek							
88529	41311100MH	41310390MH	2.25	75	8.82	\$ 436	\$ 32,700
88530	41310390MH	41312030F	2.25	52.69	8.66	\$ 436	\$ 22,973
88534	41310670B	41310390MH	2	134.6	7.62	\$ 416	\$ 55,994
88550	41310660CB	41310650CB	2.25	80	4.46	\$ 436	\$ 34,880
88551	41310650CB	41310640MH	2.25	43.73	4.88	\$ 436	\$ 19,066
88552	41311110CI	41310645MH	2.25	111.77	5.18	\$ 436	\$ 48,732
88554	41310645MH	41311100MH	2.25	447.82	7.38	\$ 436	\$ 195,250
151418	41310643CI	41311110CI	2.25	125	4.64	\$ 436	\$ 54,500
151579	41310640MH	41310643CI	2.25	85.44	4.88	\$ 436	\$ 37,252
						Total:	\$ 501,347
(OC-008) Liberty Street - Lakewood Drive to Park Place							
86854	41340120MH	41340110MH	1	246.78	6	\$ 308	\$ 76,008
86855	41340110MH	41340070MH	1	246.72	6	\$ 308	\$ 75,990
						Total:	\$ 151,998
(OC-009) Liberty Street & 24th Avenue - 24th Avenue to Cathey Creek							
84170	41320300MH	41320360MH	1.5	264.65	3.67	\$ 364	\$ 96,333
88443	41310330MH	41310720T	2	151.58	8.37	\$ 416	\$ 63,057
OAK_NEW_017_L	41320360MH	41310330MH	2	922.3	3.84	\$ 416	\$ 383,677
						Total:	\$ 543,067
(OC-010) Marion Street - 38th Avenue to 34th Avenue							
86745	31840610CB	31840570MH	1.75	316.42	8.55	\$ 371	\$ 117,392
86770	31840610MH	31840610CB	1.75	233.64	5.33	\$ 371	\$ 86,680
						Total:	\$ 204,072
(OC-011) Tadena Street & Liberty Street - Lakewood Drive to Cathey Creek							
86486	41310470MH	41310500MH	1.5	140	3.87	\$ 364	\$ 50,960
86495	41310530MH	41310470MH	1.5	270.59	3.82	\$ 364	\$ 98,495
86509	41340430CI	41340220CB	1.5	124.81	2.7	\$ 364	\$ 45,431
86550	41340040CB	41340200MH	1.5	265.42	5.4	\$ 364	\$ 96,613
86559	41310320MH	41310310MH	2.5	152.5	7.38	\$ 497	\$ 75,793
86560	41310310MH	41310270MH	2.5	201.5	7.61	\$ 497	\$ 100,146
86561	41310270MH	41310280MH	2.5	180	7.61	\$ 497	\$ 89,460
86562	41310280MH	41310280OF	2.5	22	8	\$ 497	\$ 10,934
86573	41340050MH	41310060MH	2	177.7	5.23	\$ 416	\$ 73,923
86574	41340010MH	41310280MH	1.25	655.29	5.17	\$ 347	\$ 227,386
86576	41310060MH	41310320MH	2	94.04	5.64	\$ 416	\$ 39,121
86832	41340160CB	41340190CB	1.75	445.82	3.8	\$ 371	\$ 165,399
86835	41340190CB	41340200MH	1.5	77.73	3.73	\$ 364	\$ 28,294
86838	41340205MH	41340050MH	2	221.7	5.09	\$ 416	\$ 92,227
86852	41340220CB	41340040CB	1.5	40.61	2.7	\$ 364	\$ 14,782
88509	41310500MH	41310320MH	2	396.52	5.64	\$ 416	\$ 164,952
120272	41340200MH	41340205MH	2	152.09	5.09	\$ 416	\$ 63,269
138248	41310535MH	41310530MH	1.5	218.01	3.32	\$ 364	\$ 79,356
						Total:	\$ 1,516,541
(OC-012) Columbus Street Detention - 48th Avenue to Oak Creek							
681	Redesign Detention		131000 CF				\$ 765,600
87267	32030050MH	32030060MH	1.75	62.43	9.38	\$ 371	\$ 23,162
87268	32030040MH	32030350X	1.75	223	11.19	\$ 477	\$ 106,371
87277	32030060MH	32030450OF	1.75	81.9	8.89	\$ 371	\$ 30,385
88601	32030350X	3203035T	1.75	152.24	10.59	\$ 477	\$ 72,618
						Total:	\$ 998,136
(OC-019) Oak Creek New Pipes - 40th Avenue to Oak Creek							
86916	32010850X	32010840MH	1.5	144.94	7.44	\$ 364	\$ 52,758
OAK_NEW_001_L	OAK_NEW_001	OAK_NEW_002	1.5	619.7	5.32	\$ 364	\$ 225,571
OAK_NEW_002_L	OAK_NEW_002	OAK_NEW_003	2	505.8	7.67	\$ 416	\$ 210,413
OAK_NEW_003_L	OAK_NEW_003	OAK_NEW_004	3.5	1375.1	13.18	\$ 722	\$ 992,822
OAK_NEW_004_L	OAK_NEW_004	OAK_NEW_005	3.5	224.7	13.38	\$ 722	\$ 162,233
OAK_NEW_005_L	OAK_NEW_005	OAK_NEW_006	3.5	333.4	15.35	\$ 848	\$ 282,723
OAK_NEW_006_L	OAK_NEW_006	OAK_NEW_007	3.5	324	15.55	\$ 848	\$ 274,752
OAK_NEW_007_L	OAK_NEW_007	Crk_Oak 81	3.5	315.3	15.02	\$ 848	\$ 267,374
						Total:	\$ 2,415,888

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
Central Albany Improvements - Periwinkle Creek Basin							
(CAI-PC-A) Central Albany Improvements - Periwinkle Creek Basin: A - Geary Street Trunk Line							
84727	30830480X	PERI_NEW_014	1	133.96	5.22	\$ 308	\$ 41,260
85042	30830460T	PERI_NEW_014	6	30.81	10.01	\$ 964	\$ 29,701
85488	30820540MH	30820710MH	6	156.15	22.92	\$ 1,501	\$ 234,381
85612	30530830MH	30530760MH	6	290.03	25.98	\$ 1,501	\$ 435,335
85660	30530760MH	30530700MH	6	250.91	26.17	\$ 1,501	\$ 376,616
85740	30531850MH	30530970MH	6	270.13	23.83	\$ 1,501	\$ 405,465
85745	30530700MH	30530060MH	6	324.14	26.17	\$ 1,501	\$ 486,534
85787	30820710MH	30531850MH	6	269.68	21.68	\$ 1,501	\$ 404,790
88808	30530060MH	30530050MH	6	271.6	22.22	\$ 1,501	\$ 407,672
88813	30530040MH	30520030OF	6	345.34	11.46	\$ 964	\$ 332,908
88830	30530050MH	30530040MH	6	270.32	16.3	\$ 1,113	\$ 300,866
PERI_NEW_024_L	30530870MH	30530830MH	6	206.42	25.64	\$ 1,501	\$ 309,836
PERI_NEW_025_L	30530970MH	30530870MH	6	582.89	24.95	\$ 1,501	\$ 874,918
PERI_NEW_026_L	30820370MH	30820540MH	6	333.51	22.92	\$ 1,501	\$ 500,599
PERI_NEW_027_L	30820900MH	30820370MH	6	914.42	21.64	\$ 1,501	\$ 1,372,544
PERI_NEW_028_L	30821160B	30820900MH	6	968.57	16.69	\$ 1,113	\$ 1,078,018
PERI_NEW_029_L	PERI_NEW_014	30821160B	6	1314.08	14.26	\$ 964	\$ 1,266,773
PERI_NEW_030_L	30830490T	PERI_NEW_014	3	136.65	8.47	\$ 534	\$ 72,971
84275	31720590MH	30830210MH	7	1031.86	11.99	\$ 1,065	\$ 1,098,931
84282	31720660MH	31720590MH	5	146.56	11.99	\$ 834	\$ 122,231
84302	30830210MH	30830090MH	7	376.76	10.62	\$ 1,065	\$ 401,249
84725	30830520MH	30830510MH	7	44.47	9.53	\$ 902	\$ 40,112
85041	30830090MH	30830520MH	7	98.04	10.33	\$ 1,065	\$ 104,413
86282	31720300MH	31720290MH	5	78.04	10.38	\$ 834	\$ 65,085
86320	31720310MH	31720300MH	5	123.66	10.63	\$ 834	\$ 103,132
86354	31720290MH	31720250MH	5	254.02	10.18	\$ 834	\$ 211,853
PERI_NEW_014_L	31720620MH	31720660MH	5	325.6	11.28	\$ 834	\$ 271,550
PERI_NEW_015_L	31720200MH	31720620MH	5	332.1	11.28	\$ 834	\$ 276,971
PERI_NEW_016_L	31720250MH	31720200MH	5	892.3	10.73	\$ 834	\$ 744,178
PERI_NEW_013_L	30830510MH	30830150PE	6	261.48	18.3	\$ 1,113	\$ 291,027
						Total:	\$ 12,661,919
(CAI-PC-B) Central Albany Improvements - Periwinkle Creek Basin: B - 19th Avenue & Hill Street							
84243	30740090T	30740100MH	1	47.64	5.99	\$ 308	\$ 14,673
84244	30740150MH	30740100MH	2.5	271.02	7.68	\$ 497	\$ 134,697
84247	30740110MH	30740100MH	1.75	316.45	6.75	\$ 371	\$ 117,403
84248	30740170MH	30740160MH	1.25	132.98	3.99	\$ 347	\$ 46,144
84250	30740070MH	30830180MH	2.5	381.36	11.45	\$ 617	\$ 235,299
84259	30740100MH	30740070MH	2.5	54.12	7.93	\$ 497	\$ 26,898
84265	30740160MH	30740150MH	1.25	217.06	5.64	\$ 347	\$ 75,320
84272	30830180MH	30830190MH	2.5	369.96	12.87	\$ 617	\$ 228,265
84274	30830190MH	30830210MH	2.5	636.34	12.87	\$ 617	\$ 392,622
84298	30740130MH	30740090T	1	295.6	4.53	\$ 308	\$ 91,045
84303	30740120MH	30740110MH	1.75	332.38	5.96	\$ 371	\$ 123,313
84304	31810270MH	30740120MH	1.75	25.07	6.06	\$ 371	\$ 9,301
84308	31810235MH	31810270MH	0.833	82.49	5.79	\$ 305	\$ 25,159
84311	31810280MH	31810290MH	1.75	52.13	5.79	\$ 371	\$ 19,340
84312	31810300MH	31810280MH	1.75	83.06	5.81	\$ 371	\$ 30,815
84314	31810290MH	31810270MH	1.75	271.38	5.88	\$ 371	\$ 100,682
						Total:	\$ 1,670,976

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(CAI-PC-C) Central Albany Improvements - Periwinkle Creek Basin: C - Oak Street, 38th Avenue to 28th Avenue							
86690	31730290MH	31730300CB	2.5	354.26	8.19	\$ 497	\$ 176,067
86692	31730180MH	31730150MH	3	292.24	6.23	\$ 534	\$ 156,056
86701	31730150MH	31720320MH	3	290.9	7.95	\$ 534	\$ 155,341
86705	31720320MH	31720310MH	3	261.21	8.88	\$ 534	\$ 139,486
86727	31730300CB	31730280T	2.25	44.66	7.65	\$ 436	\$ 19,472
86730	31730270MH	31730250MH	2.5	281.72	6.59	\$ 497	\$ 140,015
86731	31730230MH	31730250MH	1.25	382.7	6.49	\$ 347	\$ 132,797
86733	31730200MH	31730180MH	3	274.43	6.51	\$ 534	\$ 146,546
86734	31730250MH	31730200MH	2.5	270.19	6.59	\$ 497	\$ 134,284
86757	31730280T	31730270MH	2.25	283.34	7.5	\$ 436	\$ 123,536
87020	31730450MH	31730290MH	2	542.18	8.11	\$ 416	\$ 225,547
88577	31730500T	31730470MH	1.5	332.6	6.12	\$ 364	\$ 121,066
88581	31730470MH	31730450MH	1.5	294.43	6.12	\$ 364	\$ 107,173
						Total:	\$ 1,777,386
(CAI-PC-D) Central Albany Improvements - Periwinkle Creek Basin: D - 28th Avenue, Thurston Street to Oak Street							
86287	31720150MH	31720310MH	3.5	369.33	10.63	\$ 722	\$ 266,656
86327	31720020MH	31720030MH	3.5	117.17	10.67	\$ 722	\$ 84,597
PERI_NEW_017_L		31720150MH	3.5	517.6	10.5	\$ 722	\$ 373,707
PERI_NEW_018_L	PERI_NEW_013	31720020MH	3.5	235.29	10.67	\$ 722	\$ 169,879
PERI_NEW_020_L	31810050MH	PERI_NEW_013	3.5	268.31	10.4	\$ 722	\$ 193,720
PERI_NEW_021_L	31810490MH	31810050MH	1.75	694.9	7.96	\$ 371	\$ 257,808
						Total:	\$ 1,346,367
(CAI-PC-E) Central Albany Improvements - Periwinkle Creek Basin: E - 38th Avenue, Hill Street, & Tudor Way							
86321	31730010MH	31720010MH	3	108.24	9.4	\$ 534	\$ 57,800
86323	31720140MH	31720010MH	1.25	450.86	6.56	\$ 347	\$ 156,448
86330	31720010MH	31720020MH	3	262.11	9.4	\$ 534	\$ 139,967
86571	31730060MH	31730020MH	3	297.41	9.36	\$ 534	\$ 158,817
86671	31840830CB	31730100MH	2.5	224.54	6.39	\$ 497	\$ 111,596
86678	31840120MH	31730070MH	1.25	220.94	5.45	\$ 347	\$ 76,666
86695	31730020MH	31730010MH	3	190.49	9.36	\$ 534	\$ 101,722
86697	31840230CB	31840830CB	2	583.96	5.89	\$ 416	\$ 242,927
86699	31730090MH	31730080MH	2.5	34.5	4.36	\$ 497	\$ 17,147
86700	31730100MH	31730090MH	2.5	32.54	4.4	\$ 497	\$ 16,172
86718	31840250CB	31840230CB	2	116.5	5.71	\$ 416	\$ 48,464
86722	31730080MH	31730070MH	2.5	372.56	8.08	\$ 497	\$ 185,162
86723	31730070MH	31730060MH	3	407.46	8.58	\$ 534	\$ 217,584
87043	31840260CB	31840250CB	2	495.53	5.71	\$ 416	\$ 206,140
87055	31840320CB	31840340CB	1.5	225.35	2.65	\$ 364	\$ 82,027
87057	31840340CB	31840300CB	1.5	64.59	2.65	\$ 364	\$ 23,511
87061	31840300CB	31840280CB	1.5	320.91	3.48	\$ 364	\$ 116,811
87074	31840280CB	31840260CB	2	265.35	4.94	\$ 416	\$ 110,386
PERI_NEW_019_L	31840030MH	PERI_NEW_013	1.5	370.35	8.21	\$ 364	\$ 134,807
						Total:	\$ 2,204,154
(CAI-PC-F) Central Albany Improvements - Periwinkle Creek Basin: F - Madison Street, 36th Avenue to 28th Avenue							
86340	31810010MH	31810050MH	2.5	267.3	8.72	\$ 497	\$ 132,848
86685	31840060MH	31840040MH	2.5	291.08	9.69	\$ 497	\$ 144,667
86696	31840170MH	31840160T	2.25	325.95	4.93	\$ 436	\$ 142,114
86702	31840100T	31840080MH	2.25	13.47	5.86	\$ 436	\$ 5,873
86710	31840160T	31840150MH	2.25	22.41	5.25	\$ 436	\$ 9,771
86712	31840040MH	31810010MH	2.5	300.65	9.71	\$ 497	\$ 149,423
86714	31840080MH	31840060MH	2.5	262.95	7.26	\$ 497	\$ 130,686
86739	31840150MH	31840150T	2.25	35.86	5.34	\$ 436	\$ 15,635
86741	31840150T	31840100T	2.25	501.64	5.86	\$ 436	\$ 218,715
86807	31840710MH	31840700MH	1.25	165.1	4.96	\$ 347	\$ 57,290
86808	31840700MH	31840170MH	1.75	734.96	4.96	\$ 371	\$ 272,670
PERI_NEW_022_L	31840220CB	31840170MH	1	391	4.68	\$ 308	\$ 120,428
						Total:	\$ 1,400,120
						Project Total:	\$ 21,060,922

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(PC-001) 12th Ave SE Neighborhood							
85517	30710460CO	30710460MH	1.5	57.43	12.66	\$ 469	\$ 26,935
PERI_NEW_001_L	PERI_NEW_001	PERI_NEW_002	0.833	217.78	3.83	\$ 305	\$ 66,423
PERI_NEW_002_L	PERI_NEW_002	PERI_NEW_003	1.5	276.28	8.03	\$ 364	\$ 100,566
PERI_NEW_003_L	PERI_NEW_003	30710460CO	1.5	225.43	10.76	\$ 469	\$ 105,727
PERI_NEW_004_L	PERI_NEW_004	PERI_NEW_003	0.833	208.18	7.36	\$ 305	\$ 63,495
						Total:	\$ 363,146
(PC-002) 20th Avenue							
PERI_NEW_008_L	PERI_NEW_008	30840430MH	1.25	682.6	4.5	\$ 347	\$ 236,862
(PC-003) 21st Avenue & Periwinkle Creek							
87992	30830260CB	30830760OF	1.25	144.29	8.4	\$ 347	\$ 50,069
87993	30830270CB	30830260CB	1.25	52.28	4.02	\$ 347	\$ 18,141
87994	30830280CB	30830270CB	1.25	231.14	4.02	\$ 347	\$ 80,206
						Total:	\$ 148,416
(PC-004) 22nd Avenue & 21st Place							
84318	31710570MH	31710580MH	1.25	87.38	4.61	\$ 347	\$ 30,321
84320	31710580MH	31710780MH	1.25	232.77	4.61	\$ 347	\$ 80,771
95546	30841060MH	31710570MH	1.25	174.69	4.66	\$ 347	\$ 60,617
95547	30841070MH	30841060MH	1.25	144.99	4.56	\$ 347	\$ 50,312
95548	30841080MH	30841070MH	1.25	214	4.3	\$ 347	\$ 74,258
						Total:	\$ 296,279
(PC-005) 7th Avenue - Main Street SE to Periwinkle Creek							
85086	30710300MH	30710320MH	2	339.66	13.83	\$ 526	\$ 178,661
85092	30820260MH	30820840OF	3	558.08	14.47	\$ 656	\$ 366,100
						Total:	\$ 544,761
(PC-006) Bain Street - 28th Avenue to Westcott Avenue							
PERI_NEW_007_L	PERI_NEW_007	31711610MH	0.833	582.7	4.51	\$ 305	\$ 177,724
(PC-007) Columbus Street & Grand Prairie Road							
86606	31730610MH	31730600MH	1.75	42.96	4.6	\$ 371	\$ 15,938
86610	31730560CB	31730570CB	1.75	39.19	2.7	\$ 371	\$ 14,539
86625	31730570CB	31730550MH	1.75	63.31	2.77	\$ 371	\$ 23,488
86629	31730750B	31730560CB	1.75	31.93	3.06	\$ 371	\$ 11,846
86635	31730600MH	31730600CB	2.5	20.27	5.89	\$ 497	\$ 10,074
86654	31730600CB	31730760T	2.5	568.5	5.89	\$ 497	\$ 282,545
86655	31730760T	31730780MH	2.5	256.55	4.98	\$ 497	\$ 127,505
86670	31730370CB	31730360CB	1	226.51	2.76	\$ 308	\$ 69,765
86726	31730360CB	31730750B	1.75	315.7	3.2	\$ 371	\$ 117,125
88005	31730550MH	31730610MH	1.75	337.62	4.47	\$ 371	\$ 125,257
88526	31710070MH	31710060PE	3	385.54	14.32	\$ 656	\$ 252,914
88876	31710090CB	31710070CB	3	148.6	6.31	\$ 534	\$ 79,352
88878	31710070CB	31710070MH	3	52.55	6.75	\$ 534	\$ 28,062
PERI_NEW_023_L	31730780MH	31710090CB	3	1204.6	6.31	\$ 534	\$ 643,256
						Total:	\$ 1,801,666
(PC-008) East Mountain View Drive							
86613	31740720CB	31740330CB	2.5	231.2	4.94	\$ 497	\$ 114,906
87022	31740490CB	31740540CB	1.75	201.41	4.79	\$ 371	\$ 74,723
87030	31740540CB	31740550CB	2	62.58	4.96	\$ 416	\$ 26,033
						Total:	\$ 215,662
(PC-009) Geary Street - South of Queen Avenue							
84305	30830240CB	30830490T	1.25	459.02	9.18	\$ 347	\$ 159,280
(PC-011) Lexington Street & Collingwood Street - 29th Avenue to 24th Avenue							
85891	31620280MH	31620230MH	1.5	229.7	5.83	\$ 364	\$ 83,611
85911	31620230MH	31620180MH	1.75	231.65	6.08	\$ 371	\$ 85,942
85914	31620180MH	31620150MH	1.75	122.42	6.03	\$ 371	\$ 45,418
85917	31620150MH	31620140MH	1.75	145.91	6.4	\$ 371	\$ 54,133
85918	31620140MH	31620010MH	1.75	123.37	6.4	\$ 371	\$ 45,770
85933	31620370MH	31620400MH	2	297.95	6.27	\$ 416	\$ 123,947
85937	31620400MH	31620440MH	2	224.09	6.22	\$ 416	\$ 93,221
85982	31620440MH	31621840MH	2.5	228.81	6.69	\$ 497	\$ 113,719
85988	31711890MH	31711905MH	4	139.99	7.8	\$ 596	\$ 83,434
95733	31711905MH	31711900MH	4	190.74	9.1	\$ 596	\$ 113,681
						Total:	\$ 842,876

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(PC-012) Main Street SE - 6th Ave SE to 7th Ave SE							
PERI_NEW_005_L	PERI_NEW_005	30710300MH	0.833	327.8	8.988	\$ 305	\$ 99,979
(PC-013) Oxford Avenue							
101539	30933360MH	30933350MH	1.75	76.25	5.31	\$ 371	\$ 28,289
101540	30933370MH	30933360MH	1.75	167	4.88	\$ 371	\$ 61,957
140304	30930990MH	30933370MH	1.25	49.97	4.79	\$ 347	\$ 17,340
140305	30930980MH	30930990MH	1.25	140.67	3.94	\$ 347	\$ 48,812
140307	30930970MH	30930980MH	1.25	243.91	4.03	\$ 347	\$ 84,637
						Total:	\$ 241,035
(PC-014) Periwinkle Creek - I5 Drainage through Edgewood Mobile Home Park							
152332	32120050MH	31632080MH	3	87.71	8.13	\$ 534	\$ 46,837
152333	32120040MH	32120050MH	3	42.99	8.13	\$ 534	\$ 22,957
152334	32120030CB	32120040MH	3	101.64	7.1	\$ 534	\$ 54,276
152335	32120020MH	32120030CB	3	102.94	7.92	\$ 534	\$ 54,970
152336	32120010MH	32120020MH	3	49.48	7.92	\$ 534	\$ 26,422
152347	T2	Peri n PE	3	298.27	7.94	\$ 534	\$ 159,276
152348	T1	T2	3	240.28	7.94	\$ 534	\$ 128,310
152348a	31632080MH	T1	3	254.13	6.84	\$ 534	\$ 135,705
						Total:	\$ 628,753
(PC-015) Periwinkle Creek New Pipes - Lehigh Way							
PERI_NEW_009_L	PERI_NEW_009	PERI_NEW_010	1.5	154.2	3.31	\$ 364	\$ 56,129
PERI_NEW_010_L	PERI_NEW_010	PERI_NEW_011	1.5	305.5	5.67	\$ 364	\$ 111,202
PERI_NEW_011_L	PERI_NEW_011	PERI_NEW_012	1.5	278.4	5.87	\$ 364	\$ 101,338
PERI_NEW_012_L	PERI_NEW_012	30930190MH	1.5	214.6	5.07	\$ 364	\$ 78,114
						Total:	\$ 346,783
(PC-016) Queen Avenue & Tudor Way - Hill Street to Periwinkle Creek							
86009	30741100CB	30741110CI	1.5	61.19	4.69	\$ 364	\$ 22,273
86010	30741090CB	30741100CB	1.5	197.83	6.19	\$ 364	\$ 72,010
86012	30741110CI	30830005MH	2	880.65	7.53	\$ 416	\$ 366,350
86015	30741060MH	30741110CI	1.5	674.65	7.53	\$ 364	\$ 245,573
86019	30741030MH	30741060MH	1.25	282.02	6.96	\$ 347	\$ 97,861
86029	30711210T	30711200MH	1	87.73	5.57	\$ 308	\$ 27,021
86030	30711200MH	30821800MH	1	264.74	5.57	\$ 308	\$ 81,540
						Total:	\$ 912,628
(PC-017) SE Geary Street & Grand Prairie Road							
84307	31720580MH	31720800OF	3.5	480	12.31	\$ 722	\$ 346,560
86309	31720450CB	31720440CB	3	359.25	6.58	\$ 534	\$ 191,840
86310	31720400MH	31720450CB	3	75.31	6.04	\$ 534	\$ 40,216
86335	31720440CB	31720580MH	3	324.85	6.58	\$ 534	\$ 173,470
88691	31720460MH	31720400MH	2	589.34	5.27	\$ 416	\$ 245,165
88875	31720500CB	31720460MH	1.25	128.9	3.44	\$ 347	\$ 44,728
						Total:	\$ 1,041,979
(PC-018) Tudor Way SE & 27th Ave SE							
86370	31720070MH	31720070CB	1	98.94	5.24	\$ 308	\$ 30,474
86373	31720070CB	31720050MH	1	289.26	6.06	\$ 308	\$ 89,092
						Total:	\$ 119,566
(PC-021) 32nd Avenue East of Ermine Street							
86595	31740120CB	31740110MH	1.25	15.93	3.19	\$ 347	\$ 5,528
86605	31740780CB	31740120CB	1.25	284.77	3.19	\$ 347	\$ 98,815
						Total:	\$ 104,343
(PC-023) Periwinkle Creek - Three Lakes Road SE							
990	Construct Bridge		50' Span, 60' Width				\$ 1,139,900
991	Construct Bridge		35' Span, 35' Width				\$ 465,500
						Total:	\$ 1,605,400
(PC-024) Highway 99E & Highway 20							
107328	30821235T	30820970MH	1.5	242.73	4.2	\$ 364	\$ 88,354
(PC-026) Waverly Drive - 14th Avenue to Queen Avenue							
84754	30840030CB	30840060MH	2.5	555.84	4.67	\$ 497	\$ 276,252
84832	30840020CB	30841600MH	2	45	3.55	\$ 416	\$ 18,720
86046	30841600MH	30840030CB	2.5	144.39	4.23	\$ 497	\$ 71,762
						Total:	\$ 366,734
(PC-027) Grand Prairie Rd ODOT Pond Outfall							
131966	31630900MH	31630910MH	1.75	56.12	5.03	\$ 371	\$ 20,821
(PC-028) Chicago Street - 31st Avenue to 34th Avenue							
PERI_NEW_006_L	PERI_NEW_006	31730550MH	0.833	752.9	2.81	\$ 305	\$ 229,635

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
Central Albany Improvements - Willamette River Basin							
(CAI-WR-A) Central Albany Improvements - Willamette River Basin: A - Trunk Line Extension & Improvements							
84653	30730650MH	30730700T	5.5	185.21	11.22	\$ 1,074	\$ 198,916
84662	30720050MH	30720040MH	5.5	362.56	14.14	\$ 1,074	\$ 389,389
84696	30730590MH	30730650MH	5.5	203.14	11.07	\$ 1,074	\$ 218,172
84700	30730760MH	30731820MH	5.5	365	10.69	\$ 1,074	\$ 392,010
84702	30730600MH	30730590MH	5.5	118	10.72	\$ 1,074	\$ 126,732
84705	30730770MH	30730760MH	5.5	130.53	10.55	\$ 1,074	\$ 140,189
84860	30710060MH	30640810MH	7	279.58	23.24	\$ 1,615	\$ 451,522
84909	30720450MH	30720400MH	4	255.5	20.28	\$ 1,231	\$ 314,521
84919	30720590MH	30720450MH	4	347.63	18.85	\$ 859	\$ 298,614
84922	30720400MH	30720390MH	4	278.82	20.28	\$ 1,231	\$ 343,227
84979	30710690MH	30710620MH	6	44.76	23.02	\$ 1,501	\$ 67,185
84993	30710840MH	30710800MH	6	360.98	17.69	\$ 1,113	\$ 401,771
84996	30710850MH	30710840MH	6	297.44	17.69	\$ 1,113	\$ 331,051
85006	30710610MH	30710490MH	7	210.11	23.7	\$ 1,615	\$ 339,328
85007	30710620MH	30710610MH	7	134.29	23.7	\$ 1,615	\$ 216,878
85009	30710490MH	30710500PE	7	43.29	23.52	\$ 1,615	\$ 69,913
85009.1	30710500PE	30710060MH	7	243.65	23.48	\$ 1,615	\$ 393,495
85029	30730610MH	30730600MH	5.5	104	10.66	\$ 1,074	\$ 111,696
85033	30730700T	30720050MH	5.5	274.88	11.87	\$ 1,074	\$ 295,221
85446	30640830MH	30640850MH	7	302.2	22.85	\$ 1,615	\$ 488,053
85447	30640850T	30640860MH	7	121.09	23.44	\$ 1,615	\$ 195,560
85448	30640850MH	30640850T	7	161	22.85	\$ 1,615	\$ 260,015
85453	30640860MH	30640880T	7	272.7	23.75	\$ 1,615	\$ 440,411
85458	30640810MH	30640830MH	7	296.01	23.15	\$ 1,615	\$ 478,056
85475	30710720MH	30710690MH	6	504.03	23.02	\$ 1,501	\$ 756,549
85479	30710730MH	30710720MH	6	183.28	19.71	\$ 1,113	\$ 203,991
86037	30731820MH	30730610MH	5.5	329	10.7	\$ 1,074	\$ 353,346
87012	30720040MH	NWIll1	5.5	188.13	14.8	\$ 1,074	\$ 202,052
87485	30730500MH	30730490MH	5.5	152.63	9.8	\$ 900	\$ 137,367
87486	30730490MH	30730770MH	5.5	321.32	10.23	\$ 1,074	\$ 345,098
88855	30710800MH	30710730MH	6	253.66	18.34	\$ 1,113	\$ 282,324
87012a	NWIll1	NWIll2	5.5	137.49	15.16	\$ 1,226	\$ 168,563
87012b	NWIll2	30710850MH	5.5	471.38	16.36	\$ 1,226	\$ 577,912
WILL_NEW_017_L	31810400MH	31820030MH	4.5	1014.31	8.3	\$ 660	\$ 669,445
WILL_NEW_018_L	31810360MH	31810400MH	4.5	279.8	8.03	\$ 660	\$ 184,668
WILL_NEW_019_L	31810500MH	31810360MH	4	526.66	8.82	\$ 596	\$ 313,889
						Total:	\$ 11,157,129
(CAI-WR-B) Central Albany Improvements - Willamette River Basin: B - Industrial Way, Thurston Street, Jackson Street, &							
84670	30740540MH	30740560MH	1.5	266.21	6.54	\$ 364	\$ 96,900
84687	30740580MH	30740583MH	2	45.76	5.28	\$ 416	\$ 19,036
84709	30740620MH	30740610MH	1.5	200.14	3.86	\$ 364	\$ 72,851
84711	30740240MH	30740490MH	1	302.09	4.77	\$ 308	\$ 93,044
85035	30740490MH	30740510MH	1.25	96.05	4.83	\$ 347	\$ 33,329
88382	30740585MH	30740670X	2	126.29	3.35	\$ 416	\$ 52,537
88468	30740510MH	30740530MH	1.25	194.32	4.44	\$ 347	\$ 67,429
88469	30740530MH	30740540MH	1.5	269.49	3.65	\$ 364	\$ 98,094
88568	30741050MH	30740540MH	1	313.57	4.27	\$ 308	\$ 96,580
114728	30740560MH	30740580MH	2	294.94	6.73	\$ 416	\$ 122,695
121253	30740583MH	30740585MH	2	152.5	4.8	\$ 416	\$ 63,440
152792	30740610MH	Node706	2.5	558.42	13.05	\$ 617	\$ 344,545
152793	Node706	30710850MH	2.5	18.6	13.45	\$ 617	\$ 11,476
WILL_NEW_014_L	WILL_NEW_007	30740610MH	1.5	62.47	10.7	\$ 469	\$ 29,298
WILL_NEW_015_L	WILL_NEW_008	WILL_NEW_007	1.5	1048.24	10.44	\$ 469	\$ 491,625
						Total:	\$ 1,692,879

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(CAI-WR-C) Central Albany Improvements - Willamette River Basin: C - Howard Drive, 15th Avenue, & 14th Avenue							
84633	30730870X	30730650MH	2	64.85	8.22	\$ 416	\$ 26,978
84634	30730840MH	30730820MH	1.25	151.41	4.26	\$ 347	\$ 52,539
84637	30730820MH	30731700MH	1.25	338.56	4.85	\$ 347	\$ 117,480
84640	30731700MH	30730640MH	2	135.65	5.6	\$ 416	\$ 56,430
84666	30730640MH	30730870X	2	38.54	7.18	\$ 416	\$ 16,033
84674	30730860MH	30731700MH	1.25	335.04	4.7	\$ 347	\$ 116,259
						Total:	\$ 385,719
(CAI-WR-D) Central Albany Improvements - Willamette River Basin: D - Industrial Way, Southwest of Howard Drive							
85036	30730550CB	30730010MH	1.5	543.3	4.17	\$ 364	\$ 197,761
94310	30730010MH	30730020MH	1.5	15.5	4.55	\$ 364	\$ 5,642
						Total:	\$ 203,403
(CAI-WR-E) Central Albany Improvements - Willamette River Basin: E - Jackson Street, 35th Avenue to 28th Avenue							
86426	31810320MH	31810360MH	3	233.66	7.03	\$ 534	\$ 124,774
86440	31840390MH	31810320MH	2.5	283.04	7.28	\$ 497	\$ 140,671
86448	31810470MH	31810480MH	1.75	114.6	5.44	\$ 371	\$ 42,517
86750	31840660MH	31840600MH	1.75	232.3	4.24	\$ 371	\$ 86,183
86758	31840580MH	31840530MH	2.5	277.46	5.35	\$ 497	\$ 137,898
86769	31840490MH	31840390MH	2.5	521.02	6.81	\$ 497	\$ 258,947
86771	31840600MH	31840580MH	1.75	60.36	4.58	\$ 371	\$ 22,394
86784	31840530MH	31840490MH	2.5	317.72	5.27	\$ 497	\$ 157,907
						Total:	\$ 971,291
(CAI-WR-F) Central Albany Improvements - Willamette River Basin: F - 29th Avenue & Thurston Street							
86311	31810020MH	31810340MH	1.25	345.32	5.74	\$ 347	\$ 119,826
86445	31810340MH	31810500MH	2	237.55	7.2	\$ 416	\$ 98,821
86446	31810350MH	31810340MH	1.5	47.21	7.16	\$ 364	\$ 17,184
86457	31840420MH	31840410MH	1.5	56.77	7.9	\$ 364	\$ 20,664
86459	31840410MH	31810350MH	1.5	201.76	7.18	\$ 364	\$ 73,441
						Total:	\$ 329,936
(CAI-WR-G) Central Albany Improvements - Willamette River Basin: G - Thurston Street, 22nd Avenue to 28th Avenue							
86322	31810690CB	31810650MH	1.75	33.88	3.56	\$ 371	\$ 12,569
86437	31810550MH	31810470MH	1.5	223.42	4.57	\$ 364	\$ 81,325
86441	31810650MH	31810640MH	1.75	334.75	3.74	\$ 371	\$ 124,192
86443	31810510MH	31810500MH	3	107.81	8.72	\$ 534	\$ 57,571
86479	31810580MH	31810510MH	2	391.32	6.07	\$ 416	\$ 162,789
86481	31810630MH	31810580MH	2	244.95	5.89	\$ 416	\$ 101,899
86483	31810640MH	31810630MH	2	276.79	5.79	\$ 416	\$ 115,145
87466	31810740T	31810750MH	1	410.32	2	\$ 308	\$ 126,379
87471	31810750MH	31810690CB	1.25	341.74	3.21	\$ 347	\$ 118,584
						Total:	\$ 900,453
						Project Total:	\$ 15,640,810

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(WR-001) 12th Avenue - Tadena Street to Broadway Street							
84494	41230100CB	41230090MH	1.5	103.95	12.93	\$ 469	\$ 48,753
84505	41230110MH	41230100CB	1.5	183.16	10.4	\$ 469	\$ 85,902
84508	41230080CB	41230080OF	1.5	258.97	10.08	\$ 469	\$ 121,457
84515	41230070MH	41230060MH	1.25	183.23	8.07	\$ 347	\$ 63,581
84516	41230050MH	41230110MH	1.5	77.94	9.4	\$ 364	\$ 28,370
84520	41230090MH	41230080CB	1.5	228.83	12.2	\$ 469	\$ 107,321
84544	41230060MH	41230050MH	1.25	409.69	8.6	\$ 347	\$ 142,162
88338	41240040MH	41240030MH	1.25	315.44	6.52	\$ 347	\$ 109,458
88361	41240020MH	41240030MH	0.833	234.5	4.35	\$ 305	\$ 71,523
88362	41240030MH	41230070MH	1.25	156.14	6.77	\$ 347	\$ 54,181
						Total:	\$ 832,708
(WR-002) 3rd Street & 1st Street - Madison Street to Thurston Street							
WILL_NEW_008_L	30641060MH	30640860MH	0.833	350	19.39	\$ 512	\$ 179,200
WILL_NEW_009_L	30640160X	30640830MH	1.25	650	19.26	\$ 556	\$ 361,400
						Total:	\$ 540,600
(WR-003) 9th Avenue - West of Madison Street							
88659	30712080MH	30712070MH	1.25	229.44	3.72	\$ 347	\$ 79,616
(WR-004) Broadway Street New Pipe - North of 25th Avenue							
89138	41230700HW	41230700PE	2	43.37	4.7	\$ 416	\$ 18,042
89141	WILL_NEW_003	41320270X	1.5	14.79	6.62	\$ 364	\$ 5,384
120983	41230985MH	41230700ED	2	442.57	5.32	\$ 416	\$ 184,109
WILL_NEW_005_L	41320700MH	WILL_NEW_003	0.833	243.21	6.62	\$ 305	\$ 74,179
						Total:	\$ 281,714
(WR-005) Ferry Street - Trunk Line Pipe Connection							
86417	31820070MH	31820120MH	2.5	447.28	8.05	\$ 497	\$ 222,298
86421	31820020CB	31820020MH	2	88.68	7.77	\$ 416	\$ 36,891
WILL_NEW_016_L	31820560X	31820070MH	2.5	146.73	6.61	\$ 497	\$ 72,925
						Total:	\$ 332,114
(WR-006) Front Avenue - Alco Street to Geary Street							
88809	30530080CB	30530060MH	1.25	32.16	22.22	\$ 900	\$ 28,944
129091	30530081CB	30530080CB	1.25	179.99	4.73	\$ 347	\$ 62,457
129092a	WILL_NEW_009	30530081CB	1.25	68.43	4.68	\$ 347	\$ 23,745
129092b	30530082CB	WILL_NEW_009	1	131.57	4.68	\$ 308	\$ 40,524
WILL_NEW_020_L	WILL_NEW_008	WILL_NEW_009	0.833	244.64	3.83	\$ 305	\$ 74,615
						Total:	\$ 230,285
(WR-007) Hill Street - 4th Avenue to Willamette River							
85664	30640140MH	30640110MH	1.75	292.34	15.48	\$ 584	\$ 170,727
85672	30640280MH	30640280T	1.5	125.11	16.2	\$ 575	\$ 71,938
85673	30640270T	30640280MH	1.5	114.65	16.12	\$ 575	\$ 65,924
85696	30640280T	30640140MH	1.5	165.96	15.6	\$ 575	\$ 95,427
85697	30640110MH	30640100MH	1.75	159.91	15.33	\$ 584	\$ 93,387
85698	30640100MH	30640090MH	2	130.68	15.17	\$ 636	\$ 83,112
85701	30640070MH	30640070OF	2	58.85	15.08	\$ 636	\$ 37,429
85703	30640080MH	30640070MH	2	239.66	15.08	\$ 636	\$ 152,424
85710	30640090MH	30640080MH	2	298.28	15.17	\$ 636	\$ 189,706
105487	30641380MH	30641375T	1.25	80.49	6.27	\$ 347	\$ 27,930
105488	30641375T	30641370T	1.25	132.28	6.34	\$ 347	\$ 45,901
105489	30641370T	30641370MH	1.25	90.78	6.56	\$ 347	\$ 31,501
105506	30641385DE	30641380MH	1	47.4	6.29	\$ 308	\$ 14,599
						Total:	\$ 1,080,005
(WR-008) Lyon Street & 19th Avenue							
144913	30732690MH	30732700MH	1.25	98.7	3.71	\$ 347	\$ 34,249
144914	30732740MH	30732750MH	1.75	117.4	5.87	\$ 371	\$ 43,555
144917	30732750MH	30732760MH	1.75	72	5.43	\$ 371	\$ 26,712
144918	30732760MH	30732770MH	1.75	46.5	5.66	\$ 371	\$ 17,252
144919	30732770MH	30732780MH	1.75	95.4	5.76	\$ 371	\$ 35,393
144923	30732780MH	30732790MH	1.75	8	5.74	\$ 371	\$ 2,968
144924	30732790MH	30730305MH	1.75	192.2	5.84	\$ 371	\$ 71,306
144936	30732720MH	30732730MH	1.75	115.2	5.96	\$ 371	\$ 42,739
144937	30732730MH	30732740MH	1.75	42.8	5.96	\$ 371	\$ 15,879
						Total:	\$ 290,053

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(WR-009) Queen Avenue & Elm Street - Maple Street & Lawnridge Street to 14th Avenue							
84166	41230810MH	41241150T	0.833	310.81	3.88	\$ 305	\$ 94,797
88029	41241140MH	41241180MH	1.5	269.25	3.64	\$ 364	\$ 98,007
88034	41241100MH	41241140MH	1.25	229.19	3	\$ 347	\$ 79,529
88036	41241150T	41241100MH	0.833	47.62	2.95	\$ 305	\$ 14,524
88046	41241290T	41241250MH	1	334.03	2.69	\$ 308	\$ 102,881
88048	41241300MH	41241290T	1	50.48	2.79	\$ 308	\$ 35,548
88050	41241250MH	41240800MH	1.25	382.12	4.17	\$ 347	\$ 132,596
88053	41241180MH	41241190T	1.5	224.68	4.47	\$ 364	\$ 81,784
88061	41241200T	41240800MH	1.5	307.1	4.42	\$ 364	\$ 111,784
88063	41241190T	41241200T	1.5	99.08	4.67	\$ 364	\$ 36,065
88201	41240720MH	41240680MH	1.25	369.52	5.73	\$ 347	\$ 128,223
88223	41240680MH	41240660MH	1.5	332.59	7.81	\$ 364	\$ 121,063
88226	41240600MH	41240580MH	2.5	152.77	9.91	\$ 497	\$ 75,927
88228	41240670MH	41240600MH	2.5	97.1	8.17	\$ 497	\$ 48,259
88232	41240660MH	41240670MH	2.5	26.04	7.97	\$ 497	\$ 12,942
88241	41240440MH	41240450MH	2.5	52.42	11.78	\$ 617	\$ 32,343
88244	41240585MH	41240440MH	2.5	118.49	11.61	\$ 617	\$ 73,108
108946	41241450MH	41240660MH	2	115.67	7.61	\$ 416	\$ 48,119
108965	41240580MH	41240585MH	2.5	122.95	10.11	\$ 617	\$ 75,860
WILL_NEW_013_L	41240800MH	41241450MH	1.75	160.38	5.11	\$ 371	\$ 59,501
						Total:	\$ 1,442,860
(WR-010) Queen Avenue & Jackson Street - Jefferson Street to Industrial Way							
7269	741800CB	30740350CB	1.25	158	2.95	\$ 347	\$ 54,826
84624	30740325MH	30740360X	1.75	116.95	6.95	\$ 371	\$ 43,388
84625	30730810CB	30730750MH	2.5	291.54	9.55	\$ 497	\$ 144,895
84631	30740350CB	30740340MH	1.25	32.73	2.66	\$ 347	\$ 11,357
84642	30740340MH	30740330MH	1.75	128.95	3.92	\$ 371	\$ 47,840
84647	30740400CB	30730810CB	2	533.42	6.19	\$ 416	\$ 221,903
84649	30740387MH	30740385MH	2	67.08	5.23	\$ 416	\$ 27,905
84651	30740360X	30740387MH	2	195.83	6.95	\$ 416	\$ 81,465
84654	30740330MH	30740320MH	1.75	138.94	4.76	\$ 371	\$ 51,547
84658	30740280MH	30740320MH	1.75	265.35	4.56	\$ 371	\$ 98,445
84699	30730750MH	30730760MH	2.5	22.4	10.55	\$ 617	\$ 13,821
87461	30740030MH	30740010MH	1	235	5.98	\$ 308	\$ 72,380
87488	30740010MH	30740017MH	1.5	126	6.19	\$ 364	\$ 45,864
95380	30740385MH	30740400CB	2	53.44	4.59	\$ 416	\$ 22,231
96878	30740320MH	30740325MH	1.75	145	6.27	\$ 371	\$ 53,795
118732	30740015MH	30740010MH	1	478	6.08	\$ 308	\$ 147,224
142950	30741730MH	30741740MH	1.25	114	6.5	\$ 347	\$ 39,558
151954	30741910F	30741900F1	1.25	33	3.36	\$ 347	\$ 11,451
151956	30740017MH	30740340MH	1.5	396	4.8	\$ 364	\$ 144,144
Will c	30741900F	741800CB	1.25	20.15	3.15	\$ 347	\$ 6,992
Will d	30741900F1	30741900F	1.25	24.63	3.36	\$ 347	\$ 8,547
						Total:	\$ 1,349,578

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(WR-011) Washington Street - 22nd Avenue to 9th Avenue							
84506	30731260MH	30731280MH	2.5	416.01	11.56	\$ 617	\$ 256,678
84554	30730480MH	30720760MH	3.5	283.45	17.61	\$ 848	\$ 240,366
84563	30731300T	30731140MH	2.5	84.71	11.99	\$ 617	\$ 52,266
84564	30720760MH	30720720MH	3.5	237.95	17.61	\$ 848	\$ 201,782
84568	30731130MH	30731110MH	3	205.69	14.95	\$ 656	\$ 134,933
84570	30731280MH	30731290MH	2.5	103.14	11.12	\$ 617	\$ 63,637
84573	30731140MH	30731130MH	3	201.45	13.1	\$ 656	\$ 132,151
84579	30731290MH	30731300T	2.5	64.58	11.32	\$ 617	\$ 39,846
84590	30731250MH	30731260MH	2.5	103	11.36	\$ 617	\$ 63,551
84619	30731110MH	30730480MH	3	163.05	16.94	\$ 777	\$ 126,690
84910	30720720MH	30720590MH	3.5	337.52	17.95	\$ 848	\$ 286,217
101884	30731420MH	30731400MH	2	24.36	14.84	\$ 526	\$ 12,813
101885	30731430MH	30731420MH	2	447	4.02	\$ 416	\$ 185,952
101886	30731450MH	30731430MH	2	56	3	\$ 416	\$ 23,296
117929	30730910MH	30730910T	2.5	47.81	11.64	\$ 617	\$ 29,499
117930	30730910T	41241400ED	2.5	179.81	12.41	\$ 617	\$ 110,943
144945	30737780CB	30737790CB	1.75	87.6	3.2	\$ 371	\$ 32,500
WILL_NEW_001_L	WILL_NEW_001	30731450MH	1.25	724.58	6.51	\$ 347	\$ 251,429
WILL_NEW_002_L	WILL_NEW_002	WILL_NEW_001	0.833	338.74	6.26	\$ 305	\$ 103,316
WILL_NEW_003_L	31820570CB	WILL_NEW_002	0.833	105.17	3.08	\$ 305	\$ 32,077
WILL_NEW_004_L	31820590CB	WILL_NEW_001	0.833	154.56	6.26	\$ 305	\$ 47,141
WILL_NEW_010_L	41241400ED	30731250MH	2.5	677.39	12.61	\$ 617	\$ 417,950
WILL_NEW_011_L	30731400MH	30730910MH	2.5	327.14	15.54	\$ 735	\$ 240,448
WILL_NEW_012_L	30737790CB	30731400MH	2	338.52	15.04	\$ 636	\$ 215,299
						Total:	\$ 3,300,780
(WR-012) Willamette River New Pipes - Columbus Street & Front Avenue							
WILL_NEW_006_L	WILL_NEW_006	WILL_NEW_005	1.25	178.84	7.99	\$ 347	\$ 62,057
WILL_NEW_007_L	WILL_NEW_005	WILL_NEW_004	1.5	543.98	8.19	\$ 364	\$ 198,009
						Total:	\$ 260,066
(WR-013) Baker Street							
86992	30721050CB	30721060MH	0.833	275.76	6.05	\$ 305	\$ 84,107
(TSP-L1) TSP Project L1 - 53rd Avenue Extension							
130699	42440010MH	42440020MH	1.75	201.99	5.92	\$ 371	\$ 74,938
130711	42440020MH	42440030MH	1.75	185.61	5.44	\$ 371	\$ 68,861
130722	42440030MH	42440050MH	1.75	187.38	6.28	\$ 371	\$ 69,518
130732	42440050MH	42440060MH	1.75	281.99	6.8	\$ 371	\$ 104,618
130741	42440060MH	42440070MH	1.75	242.99	6.3	\$ 371	\$ 90,149
130742	42440070MH	42440080MH	1.75	39.99	6.49	\$ 371	\$ 14,836
130748	42440080MH	42440080OF	1.75	14.92	4.91	\$ 371	\$ 5,535
TSP-L1-L001	TSP-L1-N001	42440010MH	1.75	119.4	5.72	\$ 371	\$ 44,297
TSP-L1-L002	TSP-L1-N002	TSP-L1-N001	1.75	956.1	5.24	\$ 371	\$ 354,713
TSP-L1-L003	TSP-L1-N004	TSP-L1-N003	1.25	60.2	2.5	\$ 347	\$ 20,889
TSP-L1-L004	TSP-L1-N005	TSP-L1-N004	1.25	395.9	2.5	\$ 347	\$ 137,377
TSP-L1-L005	TSP-L1-N006	TSP-L1-N004	0.833	168.4	2	\$ 305	\$ 51,362
TSP-L1-L006	TSP-L1-N008	TSP-L1-N007	1	56.2	3.15	\$ 308	\$ 17,310
TSP-L1-L007	TSP-L1-N009	TSP-L1-N008	0.833	173.7	2.97	\$ 305	\$ 52,979
TSP-L1-L008	TSP-L1-N010	TSP-L1-N008	0.833	288.2	2.97	\$ 305	\$ 87,901
TSP-L1-L009	TSP-L1-N012	TSP-L1-N011	1	48.9	2.14	\$ 308	\$ 15,061
TSP-L1-L010	TSP-L1-N013	TSP-L1-N012	0.833	146.7	2.14	\$ 305	\$ 44,744
TSP-L1-L011	TSP-L1-N014	TSP-L1-N012	0.833	479.8	2.14	\$ 305	\$ 146,339
TSP-L1-L012	TSP-L1-N016	TSP-L1-N015	1.5	39.3	2.82	\$ 364	\$ 14,305
TSP-L1-L013	TSP-L1-N017	TSP-L1-N016	0.833	182.1	2.49	\$ 305	\$ 55,541
TSP-L1-L014	TSP-L1-N018	TSP-L1-N016	1	181.9	3.75	\$ 308	\$ 56,025
TSP-L1-L015	TSP-L1-N020	TSP-L1-N018	0.833	613.3	4.68	\$ 305	\$ 187,057
TSP-L1-L016	TSP-L1-N019	TSP-L1-N020	0.833	323.7	4.68	\$ 305	\$ 98,729
						Total:	\$ 1,813,084
(TSP-L4) TSP Project L4 - Timber Street Extension							
Culv_C 4	Crk_Cox 3	Crk_Cox 2	1.25	93.63	4.56	\$ 347	\$ 32,490
TSP-L4-L001	TSP-L4-N001	Crk_Cox 2	1.5	360.5	4.56	\$ 364	\$ 131,222
TSP-L4-L002	TSP-L4-N002	Crk_Cox 2	2	281.9	4.56	\$ 416	\$ 117,270
TSP-L4-L003	TSP-L4-N003	TSP-L4-N002	2	655.3	3.17	\$ 416	\$ 272,605
						Total:	\$ 553,587

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(TSP-L8) TSP Project L8 - Lochner-Columbus Connector							
TSP-L8-L001	TSP-L8-N001	TSP-L54-N005	1.75	892.5	5	\$ 371	\$ 331,118
TSP-L8-L002	TSP-L8-N002	TSP-L8-N001	2	356.9	4.8	\$ 416	\$ 148,470
TSP-L8-L003	TSP-L8-N004	TSP-L8-N003	2	37.7	7.54	\$ 416	\$ 15,683
TSP-L8-L004	TSP-L8-N005	TSP-L8-N004	0.833	601.9	6.54	\$ 305	\$ 183,580
TSP-L8-L005	TSP-L8-N006	TSP-L8-N004	2	943.3	10.94	\$ 526	\$ 496,176
						Total:	\$ 1,175,027
(TSP-L10) TSP Project L10 - New North Albany Connector							
NA_NEW_031_L	NA_NEW_034	43511190MH	0.833	233.9	4	\$ 305	\$ 71,340
TSP-L10-L001	TSP-L10-N001	TSP-L10-N002	2.5	89.9	6.15	\$ 497	\$ 44,680
TSP-L10-L002	TSP-L10-N002	NA_CR_373	2.5	89.89	7.34	\$ 497	\$ 44,675
TSP-L10-L003	TSP-L10-N003	TSP-L10-N002	0.833	152	4.65	\$ 305	\$ 46,360
TSP-L10-L004	TSP-L10-N004	TSP-L10-N002	0.833	345.8	4.65	\$ 305	\$ 105,469
TSP-L10-L005	TSP-L10-N005	TSP-L42-N001	0.833	595	4	\$ 305	\$ 181,475
TSP-L10-L006	TSP-L10-N006	TSP-L10-N007	3	48.2	14.4	\$ 656	\$ 31,619
TSP-L10-L007	TSP-L10-N007	TSP-L10-N008	3	48.2	16.92	\$ 777	\$ 37,451
TSP-L10-L008	NA_CR_9	TSP-L10-N010	2	90.59	17.08	\$ 636	\$ 57,615
						Total:	\$ 620,684
(TSP-L13) TSP Project L13 - Goldfish Farm Road Extension							
TSP-L13-L001	TSP-L13-N001	31030060DE	1.25	310.7	5.7	\$ 347	\$ 107,813
TSP-L13-L002	TSP-L13-N002	TSP-L13-N001	1.25	323.5	4.75	\$ 347	\$ 112,255
						Total:	\$ 220,068
(TSP-L14) TSP Project L14 - Dogwood Avenue Extension							
587	Construct Bridge		150' Span, 60' Width				\$ 3,419,500
588	Construct Bridge		60' Span, 60' Width				\$ 1,367,800
TSP-L14-L001	TSP-L14-N001	Crk_B_12b	1.5	1306.8	7.63	\$ 364	\$ 475,675
TSP-L14-L002	TSP-L14-N002	TSP-L14-N001	1.25	526.9	5.1	\$ 347	\$ 182,834
TSP-L14-L003	TSP-L14-N003	Crk_B_12b	0.833	382.4	7.63	\$ 305	\$ 116,632
TSP-L14-L004	TSP-L14-N004	TSP-L15-N002	1.25	652.9	6.85	\$ 347	\$ 226,556
						Total:	\$ 5,788,997
(TSP-L15) TSP Project L15 - New North/South Collector							
584	Construct Bridge		100' Span, 60' Width				\$ 2,279,700
585	Construct Bridge		160' Span, 60' Width				\$ 3,647,500
TSP-L15-L001	TSP-L15-N001	Crk_B_8b	1	523.3	6.11	\$ 308	\$ 161,176
TSP-L15-L002	TSP-L15-N002	Crk_C_19	1.5	120.4	6.85	\$ 364	\$ 43,826
TSP-L15-L002	TSP-L15-N003	TSP-L15-N002	1.5	614.8	4.02	\$ 364	\$ 223,787
TSP-L15-L003	TSP-L15-N004	TSP-L15-N002	2	234.7	4.52	\$ 416	\$ 97,635
TSP-L15-L004	TSP-L15-N006	TSP-L15-N005	0.833	415	4.1	\$ 305	\$ 126,575
TSP-L15-L005	TSP-L15-N007	Crk_C_18	0.833	223.4	2.2	\$ 305	\$ 68,137
TSP-L15-L006	TSP-L15-N008	TSP-L15-N007	0.833	289.9	2	\$ 305	\$ 88,420
						Total:	\$ 6,736,756
(TSP-L16) TSP Project L16 - New East/West Collector							
586	Construct Bridge		100' Span, 60' Width				\$ 2,279,700
TSP-L16-L001	TSP-L16-N001	Crk_C_11a	3.5	94.7	8.29	\$ 594	\$ 56,252
TSP-L16-L002	TSP-L16-N002	TSP-L16-N001	3.5	773.9	7.9	\$ 594	\$ 459,697
TSP-L16-L003	TSP-L15-N002	TSP-L16-N002	3.5	508.9	5.89	\$ 594	\$ 302,287
TSP-L16-L004	TSP-L16-N003	TSP-L15-N002	3	117.7	5.02	\$ 534	\$ 62,852
TSP-L16-L005	TSP-L16-N005	TSP-L16-N004	0.833	266.2	2	\$ 305	\$ 81,191
TSP-L16-L006	TSP-L16-N006	TSP-L16-N004	1.25	689.1	2.88	\$ 347	\$ 239,118
TSP-L16-L007	TSP-L16-N007	TSP-L16-N006	1.25	230.8	2.68	\$ 347	\$ 80,088
TSP-L16-L008	TSP-L16-N009	TSP-L16-N008	1.25	517.4	4.25	\$ 347	\$ 179,538
						Total:	\$ 3,740,723
(TSP-L18) TSP Project L18 - Timber Street Extension to Somerset Avenue							
583	Construct Bridge		50' Span, 60' Width				\$ 1,139,900
TSP-L18-L001	TSP-L18-N001	38420210HW	2	186.8	5.89	\$ 416	\$ 77,709
TSP-L18-L002	TSP-L18-N002	TSP-L18-N001	2	1377.4	4.85	\$ 416	\$ 572,998
TSP-L18-L003	TSP-L18-N003	TSP-L18-N002	1.75	263.6	5.25	\$ 371	\$ 97,796
TSP-L18-L004	TSP-L18-N004	TSP-L18-N003	1.75	501.6	5.05	\$ 371	\$ 186,094
TSP-L18-L005	TSP-L18-N005	TSP-L18-N004	1.75	297.5	4.5	\$ 371	\$ 110,373
						Total:	\$ 2,184,870
(TSP-L19) TSP Project L19 - Somerset Avenue Extension							
589	Construct Bridge		74' Span, 60' Width				\$ 1,687,000
TSP-L19-L001	TSP-L19-N001	Crk_BT_2	1.75	106.7	6.1	\$ 371	\$ 39,586
TSP-L19-L002	TSP-L19-N002	TSP-L19-N001	1.75	404.8	5.94	\$ 371	\$ 150,181
TSP-L19-L003	TSP-L19-N003	TSP-L19-N002	1.5	502.4	4.63	\$ 364	\$ 182,874
						Total:	\$ 2,059,641

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft.	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(TSP-L20) TSP Project L20 - Santa Maria Avenue Extension							
TSP-L20-L001	TSP-L20-N002	TSP-L20-N001	2.5	147.6	4.3	\$ 497	\$ 73,357
TSP-L20-L002	TSP-L20-N004	TSP-L20-N003	2.5	101.6	4.8	\$ 497	\$ 50,495
TSP-L20-L003	TSP-L20-N005	TSP-L20-N003	0.833	800.8	4.8	\$ 305	\$ 244,244
						Total:	\$ 368,096
(TSP-L22) TSP Project L22 - Knox Butte Road Widening							
138638	30410740MH	30410730MH	1.75	227.32	5.36	\$ 371	\$ 84,336
138639	30410730MH	30410720MH	1.75	144.93	5.01	\$ 371	\$ 53,769
138640	30410720MH	30410710MH	1.75	89.44	5.99	\$ 371	\$ 33,182
138641	30410710MH	30410710OF	1.75	196.76	10.25	\$ 477	\$ 93,855
TSP-L22-L001	TSP-L22-N001	30410740MH	1.75	644.2	5.16	\$ 371	\$ 238,998
						Total:	\$ 504,140
(TSP-L23) TSP Project L23 - Knox Butte Road Widening							
TSP-L23-L001	TSP-L23-N001	TSP-L22-N001	1.25	498.1	4.6	\$ 347	\$ 172,841
(TSP-L24) TSP Project L24 - Knox Butte Road Widening							
TSP-L24-L001	TSP-L24-N002	TSP-L24-N001	4.5	49.6	6.4	\$ 660	\$ 32,736
TSP-L24-L002	TSP-L24-N003	TSP-L24-N002	1.75	255.2	5.65	\$ 371	\$ 94,679
TSP-L24-L003	TSP-L24-N004	TSP-L24-N003	1.75	364.8	5	\$ 371	\$ 135,341
TSP-L24-L004	TSP-L24-N005	TSP-L24-N002	4.5	351.5	6.3	\$ 660	\$ 231,990
TSP-L24-L005	TSP-L24-N006	TSP-L24-N005	4.5	758.8	5.5	\$ 660	\$ 500,808
TSP-L24-L006	TSP-L24-N007	TSP-L24-N006	2	31.7	4.5	\$ 416	\$ 13,187
TSP-L24-L007	TSP-L24-N008	TSP-L24-N006	3	742.7	5	\$ 534	\$ 396,602
TSP-L24-L008	TSP-L24-N009	TSP-L24-N008	3	38.2	4.57	\$ 534	\$ 20,399
TSP-L24-L009	TSP-L24-N010	Crk T_21	1.5	309.2	6.285	\$ 364	\$ 112,549
TSP-L24-L010	TSP-L24-N012	TSP-L24-N011	0.833	34.5	4.3	\$ 305	\$ 10,523
TSP-L24-L011	TSP-L24-N013	30311670OF	0.833	645.1	4	\$ 305	\$ 196,756
TSP-L24-L012	TSP-L24-N015	TSP-L24-N014	3	1564.2	5.5	\$ 534	\$ 835,283
TSP-L24-L013	TSP-L24-N016	TSP-L24-N015	2.25	684.8	5.07	\$ 436	\$ 298,573
TSP-L24-L014	TSP-L24-N017	30320240PE	1.5	536	8.21	\$ 364	\$ 195,104
TSP-L24-L015	TSP-L24-N018	TSP-L24-N017	1.5	272.3	4.74	\$ 364	\$ 99,117
						Total:	\$ 3,173,647
(TSP-L25) TSP Project L25 - Dunlap Avenue Extension							
TSP-L25-L001	TSP-L25-N001	30410320PE	1	562.8	6.54	\$ 308	\$ 173,342
TSP-L25-L002	TSP-L25-N002	30410320PE	1	522	6.54	\$ 308	\$ 160,776
						Total:	\$ 334,118
(TSP-L28) TSP Project L28 - Ellingson Road Extension							
TSP-L28-L001	TSP-L28-N002	TSP-L28-N001	2.5	52.6	4.14	\$ 497	\$ 26,142
TSP-L28-L002	TSP-L28-N003	TSP-L28-N002	2.5	35.8	4.06	\$ 497	\$ 17,793
TSP-L28-L003	TSP-L28-N004	TSP-L28-N002	0.833	386.6	3.56	\$ 305	\$ 117,913
TSP-L28-L005	TSP-L28-N006	TSP-L28-N005	0.833	64.7	2.97	\$ 305	\$ 19,734
TSP-L28-L006	TSP-L28-N007	TSP-L28-N005	0.833	421.9	2.3	\$ 305	\$ 128,680
TSP-L28-L007	TSP-L28-N008	TSP-L28-N002	0.833	679.3	3.06	\$ 305	\$ 207,187
TSP-L28-L008	TSP-L28-N010	TSP-L28-N009	1	130.9	2.58	\$ 308	\$ 40,317
TSP-L28-L009	TSP-L28-N011	TSP-L28-N010	0.833	362.3	2.41	\$ 305	\$ 110,502
TSP-L28-L010	TSP-L28-N012	TSP-L28-N010	0.833	1367.2	3.83	\$ 305	\$ 416,996
						Total:	\$ 1,085,264
(TSP-L31) TSP Project L31 - Fescue Street to Three Lakes Road Connector							
TSP-L31-L001	30941570F	TSP-L31-N001	4	203.03	7.6	\$ 596	\$ 121,006
TSP-L31-L002	TSP-L31-N003	TSP-L31-N002	1.5	428.6	3.2	\$ 364	\$ 156,010
						Total:	\$ 277,016
(TSP-L32) TSP Project L32 - Fescue Street Extension							
TSP-L32-L001	TSP-L31-N002	30932090F	3	198.6	4.8	\$ 534	\$ 106,052
TSP-L32-L002	TSP-L32-N001	TSP-L31-N002	3	272.4	4.2	\$ 534	\$ 145,462
TSP-L32-L003	TSP-L32-N002	TSP-L32-N001	3	599.5	4.2	\$ 534	\$ 320,133
TSP-L32-L004	TSP-L32-N003	TSP-L32-N002	3	447.7	4	\$ 534	\$ 239,072
TSP-L32-L005	TSP-L32-N004	TSP-L32-N003	2.5	597.2	3.5	\$ 497	\$ 296,808
TSP-L32-L006	TSP-L32-N005	TSP-L32-N004	1.75	673.2	3.5	\$ 371	\$ 249,757
TSP-L32-L007	TSP-L32-N006	TSP-L32-N005	1.5	418.6	3	\$ 364	\$ 152,370
						Total:	\$ 1,509,654
(TSP-L34) TSP Project L34 - Looney Lane Extension							
TSP-L34-L001	TSP-L34-N001	42520580PE	0.833	808.5	4	\$ 305	\$ 246,593

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(TSP-L37) TSP Project L37 - Springhill Drive							
TSP-L37-L001	TSP-L37-N002	TSP-L37-N001	1	1788.7	6.35	\$ 308	\$ 550,920
TSP-L37-L002	TSP-L37-N004	TSP-L37-N003	0.833	48.7	4.95	\$ 305	\$ 14,854
TSP-L37-L003	TSP-L37-N005	TSP-L37-N004	0.833	254.8	5.38	\$ 305	\$ 77,714
TSP-L37-L004	TSP-L37-N006	Cotton 10	0.833	359.2	12	\$ 408	\$ 146,554
TSP-L37-L005	TSP-L37-N007	NA_NEW_026	0.833	417.8	7.2	\$ 305	\$ 127,429
TSP-L37-L006	TSP-L37-N009	TSP-L37-N008	1.25	43.1	4.92	\$ 347	\$ 14,956
TSP-L37-L007	TSP-L37-N010	TSP-L37-N009	1.25	323.8	12.36	\$ 451	\$ 146,034
TSP-L37-L008	TSP-L37-N011	TSP-L37-N009	0.833	860.4	4.63	\$ 305	\$ 262,422
TSP-L37-L009	TSP-L37-N012	30631310MH	0.833	203	21.53	\$ 868	\$ 176,204
						Total:	\$ 1,517,087
(TSP-L38) TSP Project L38 - Scenic Drive							
980	Construct Pipe Arch Culvert		40" Span, 31" Rise				\$ 47,900
148939	43530080MH	43530090OF	1.5	62	6.2	\$ 364	\$ 22,568
TSP-L38-L001	TSP-L38-N002	TSP-L38-N001	1.25	615.7	5.2	\$ 347	\$ 213,648
TSP-L38-L002	TSP-L38-N003	TSP-L38-N002	0.833	271.2	4.7	\$ 305	\$ 82,716
TSP-L38-L003	TSP-L38-N004	43510930MH	1.25	483.4	7.48	\$ 347	\$ 167,740
TSP-L38-L004	TSP-L38-N005	TSP-L38-N004	1	391.1	4.7	\$ 308	\$ 120,459
TSP-L38-L005	TSP-L38-N006	TSP-L38-N005	0.833	500.7	4.7	\$ 305	\$ 152,714
TSP-L38-L006	TSP-L38-N007	TSP-L38-N006	0.833	360.5	4.7	\$ 305	\$ 109,953
TSP-L38-L007	TSP-L38-N008	TSP-L38-N007	0.833	287.3	4.5	\$ 305	\$ 87,627
TSP-L38-L008	43520010MH	43520100HW	2.5	292.98	5.69	\$ 497	\$ 145,611
TSP-L38-L009	43520070MH	43520010MH	1.75	377.5	6.13	\$ 371	\$ 140,053
TSP-L38-L010	TSP-L38-N009	43520100HW	1.25	721.3	5.89	\$ 347	\$ 250,291
TSP-L38-L011	TSP-L38-N010	43530300HW	2.5	247.3	6.47	\$ 497	\$ 122,908
TSP-L38-L012	TSP-L38-N011	TSP-L38-N010	1.75	462.6	6.7	\$ 371	\$ 171,625
TSP-L38-L013	43530090OF	TSP-L38-N011	1.5	370.4	6.7	\$ 364	\$ 134,826
						Total:	\$ 1,970,639
(TSP-L41) TSP Project L41 - Skyline Drive							
TSP-L41-L001	TSP-L41-N001	43630120HW	1.25	571.1	4.73	\$ 347	\$ 198,172
TSP-L41-L002	TSP-L41-N002	TSP-L41-N001	0.833	465.5	4.5	\$ 305	\$ 141,978
TSP-L41-L003	TSP-L41-N003	TSP-L41-N002	0.833	385	4.2	\$ 305	\$ 117,425
TSP-L41-L004	TSP-L41-N004	TSP-L41-N003	0.833	117.2	4	\$ 305	\$ 35,746
						Total:	\$ 493,321
(TSP-L42) TSP Project L42 - Crocker Lane							
TSP-L42-L001	43630310OF	NA_CR_391	1.75	1933.2	8.89	\$ 371	\$ 717,217
TSP-L42-L002	TSP-L42-N001	NA_CR_391	0.833	187.1	8.89	\$ 305	\$ 57,066
TSP-L42-L003	TSP-L42-N002	TSP-L42-N001	0.833	202.4	4	\$ 305	\$ 61,732
TSP-L42-L004	TSP-L42-N003	3620290HW	0.833	329.4	9.602	\$ 305	\$ 100,467
TSP-L42-L005	TSP-L42-N004	42531560MH	1	1176.4	8.08	\$ 308	\$ 362,331
TSP-L42-L006	TSP-L42-N005	TSP-L42-N004	0.833	922.5	5	\$ 305	\$ 281,363
						Total:	\$ 1,580,176
(TSP-L43) TSP Project L43 - Valley View Drive							
TSP-L43-L001	TSP-L43-N001	TSP-L42-N005	0.833	696.3	4.7	\$ 305	\$ 212,372
TSP-L43-L002	TSP-L43-N002	TSP-L43-N001	0.833	395	4.5	\$ 305	\$ 120,475
TSP-L43-L003	TSP-L43-N004	TSP-L43-N003	0.833	42.3	6.06	\$ 305	\$ 12,902
TSP-L43-L004	TSP-L43-N005	TSP-L43-N004	0.833	889.4	4	\$ 305	\$ 271,267
TSP-L43-L005	TSP-L43-N006	TSP-L38-N002	0.833	1393.8	4.7	\$ 305	\$ 425,109
						Total:	\$ 1,042,125
(TSP-L44) TSP Project L44 - West Thornton Lake Drive							
TSP-L44-L001	TSP-L44-N002	TSP-L44-N001	2	31.7	5.24	\$ 416	\$ 13,187
TSP-L44-L002	TSP-L44-N003	TSP-L44-N002	1.25	297.4	5.2	\$ 347	\$ 103,198
TSP-L44-L003	TSP-L44-N004	TSP-L44-N003	0.833	341.2	5	\$ 305	\$ 104,066
TSP-L44-L005	TSP-L44-N007	TSP-L44-N006	1.25	345.7	5	\$ 347	\$ 119,958
TSP-L44-L006	TSP-L44-N008	TSP-L44-N002	2	468.5	5.2	\$ 416	\$ 194,896
TSP-L44-L007	TSP-L44-N009	TSP-L44-N008	1.5	333	5.2	\$ 364	\$ 121,212
TSP-L44-L008	TSP-L44-N010	TSP-L44-N009	1.25	477	5	\$ 347	\$ 165,519
TSP-L44-L009	TSP-L44-N011	40120110PE	1.25	328.7	4.7	\$ 347	\$ 114,059
TSP-L44-L010	TSP-L44-N012	TSP-L44-N011	1	290.5	4.25	\$ 308	\$ 89,474
TSP-L44-L011	TSP-L44-N013	40120020HW	1.25	186.7	4.75	\$ 347	\$ 64,785
TSP-L44-L012	TSP-L44-N014	TSP-L44-N013	1	282	4.5	\$ 308	\$ 86,856
TSP-L44-L013	TSP-L44-N015	43641041MH	2	402.1	5	\$ 416	\$ 167,274
TSP-L44-L014	TSP-L44-N017	TSP-L44-N016	2.5	32.4	3.56	\$ 497	\$ 16,103
TSP-L44-L015	TSP-L44-N018	TSP-L44-N017	2.5	587.5	4.5	\$ 497	\$ 291,988
						Total:	\$ 1,652,575

Table 9.5.8 Individual Project Cost Summary

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(TSP-L45) TSP Project L45 - Allen Lane							
TSP-L45-L001	TSP-L45-N001	42540280PE	2.5	571.7	6.24	\$ 497	\$ 284,135
TSP-L45-L002	TSP-L45-N002	TSP-L45-N001	2.5	1629.3	5	\$ 497	\$ 809,762
						Total:	\$ 1,093,897
(TSP-L46) TSP Project L46 - Columbus Street							
TSP-L46-L001	TSP-L46-N001	TSP-L8-N006	1.25	1811.2	10.74	\$ 451	\$ 816,851
(TSP-L47) TSP Project L47 - Grand Prairie Road							
TSP-L47-L001	TSP-L47-N002	TSP-L47-N001	0.833	742.1	4.2	\$ 305	\$ 226,341
TSP-L47-L002	TSP-L47-N003	TSP-L47-N001	0.833	1634.9	4.5	\$ 305	\$ 498,645
						Total:	\$ 724,986
(TSP-L49) TSP Project L49 - Scrael Hill Road							
TSP-L49-L001	TSP-L49-N002	TSP-L49-N001	1.5	30.8	4.2	\$ 364	\$ 11,211
TSP-L49-L002	TSP-L49-N003	TSP-L49-N002	1	355	4.25	\$ 308	\$ 109,340
TSP-L49-L003	TSP-L49-N005	TSP-L49-N004	1	58.8	11.4	\$ 411	\$ 24,167
TSP-L49-L004	TSP-L49-N007	TSP-L49-N006	0.833	58.9	13.2	\$ 408	\$ 24,031
TSP-L49-L005	TSP-L49-N009	TSP-L49-N008	1	39.6	17.4	\$ 515	\$ 20,394
TSP-L49-L006	TSP-L49-N010	TSP-L49-N009	1	39.6	15.05	\$ 515	\$ 20,394
TSP-L49-L007	TSP-L49-N011	TSP-L49-N009	0.833	539.5	14.55	\$ 408	\$ 220,116
TSP-L49-L008	TSP-L49-N012	Crk_T_16	1.25	445.7	9.38	\$ 347	\$ 154,658
TSP-L49-L009	TSP-L49-N013	TSP-L49-N012	1.25	483.1	4.5	\$ 347	\$ 167,636
TSP-L49-L010	TSP-L49-N014	TSP-L49-N013	1.25	32.8	4.5	\$ 347	\$ 11,382
TSP-L49-L011	TSP-L49-N016	TSP-L49-N015	1.5	85.4	2.7	\$ 364	\$ 31,086
TSP-L49-L012	TSP-L49-N017	TSP-L49-N015	1	975.8	2.7	\$ 308	\$ 300,546
TSP-L49-L013	TSP-L49-N019	TSP-L49-N018	1.75	83.3	4.2	\$ 371	\$ 30,904
TSP-L49-L014	TSP-L49-N021	TSP-L49-N020	0.833	74.6	2.3	\$ 305	\$ 22,753
TSP-L49-L015	TSP-L49-N022	Crk_C_26	0.833	189.3	5.48	\$ 305	\$ 57,737
TSP-L49-L016	TSP-L49-N023	TSP-L49-N022	0.833	220.5	3.96	\$ 305	\$ 67,253
TSP-L49-L017	TSP-L49-N024	TSP-L16-N009	1	562.1	4	\$ 308	\$ 173,127
						Total:	\$ 1,446,735
(TSP-L50) TSP Project L50 - Quarry Road							
91852	33130010HW	33130010PE	2	41.68	16.17	\$ 636	\$ 26,508
88510b	33130530T	33130040PE	2	36.77	3.92	\$ 416	\$ 15,296
Thorn t	33130020F	33130010HW	2	11.05	3.96	\$ 416	\$ 4,597
TSP-L50-L001	33130040PE	33130020F	2	267.67	3.96	\$ 416	\$ 111,351
TSP-L50-L002	DI-1	43640450CB	1.5	30.81	6.31	\$ 364	\$ 11,215
TSP-L50-L003	43640320OF	DI-2	1.5	26.08	3.57	\$ 364	\$ 9,493
TSP-L50-L004	43640440ED	43640480PE	1.5	105.38	3.26	\$ 364	\$ 38,358
TSP-L50-L005	43640320ED	43640330PE	0.833	47.94	2.16	\$ 305	\$ 14,622
TSP-L50-L006	TSP-L50-N001	Thorn 11	0.833	335.2	12.42	\$ 408	\$ 136,762
TSP-L50-L007	TSP-L50-N002	Quarry E 7	1.25	375.4	7.42	\$ 347	\$ 130,264
TSP-L50-L008	TSP-L50-N003	TSP-L50-N002	1	291.8	2.87	\$ 308	\$ 89,874
						Total:	\$ 588,340
(TSP-L52) TSP Project L52 - Goldfish Farm Road							
TSP-L52-L001	TSP-L52-N001	30330600MH	0.833	340.6	4.77	\$ 305	\$ 103,883
TSP-L52-L002	TSP-L52-N002	30331280PE	0.833	451	5.32	\$ 305	\$ 137,555
TSP-L52-L003	TSP-L52-N003	31021000PE	0.833	256.1	8.21	\$ 305	\$ 78,111
TSP-L52-L004	TSP-L52-N004	31021000PE	1	212.6	7.23	\$ 308	\$ 65,481
TSP-L52-L005	TSP-L52-N005	TSP-L52-N004	1	561.9	4.88	\$ 308	\$ 173,065
TSP-L52-L006	TSP-L52-N006	TSP-L52-N005	1	928.6	4.63	\$ 308	\$ 286,009
						Total:	\$ 844,104
(TSP-L53) TSP Project L53 - Ellingson Lane							
TSP-L53-L001	TSP-L53-N002	TSP-L53-N001	2	40.6	4.76	\$ 416	\$ 16,890
TSP-L53-L002	TSP-L53-N003	TSP-L53-N002	2	45.9	4.35	\$ 416	\$ 19,094
TSP-L53-L003	TSP-L53-N004	TSP-L53-N002	1.25	2311.7	3.2	\$ 347	\$ 802,160
						Total:	\$ 838,144

City of Albany Flood Control Conditions CIP List (2021 ENR Costs)							
xpswmm/GIS ID	Upstream Node Name	Downstream Node Name	Conduit Properties			Cost	
			Diameter, ft.	Length, ft	Maximum Depth, ft.	Unit Cost per Linear Foot	Total Cost
(TSP-L54) TSP Project L54 - Lochner Road							
94528	31910040T	31910040MH	3.5	28.82	9.91	\$ 594	\$ 17,119
94529	31910040ST	31910040T	3.5	6	9.55	\$ 594	\$ 3,564
TSP-L54-L001	TSP-L54-N002	TSP-L54-N001	2.25	33.5	4.29	\$ 436	\$ 14,606
TSP-L54-L002	TSP-L54-N003	TSP-L54-N002	2.25	27.4	3.95	\$ 436	\$ 11,946
TSP-L54-L003	TSP-L54-N004	TSP-L54-N002	0.833	634.2	3.52	\$ 305	\$ 193,431
TSP-L54-L004	TSP-L54-N005	31942830HW	2	928.7	8.86	\$ 416	\$ 386,339
TSP-L54-L005	TSP-L54-N006	TSP-L54-N005	0.833	453.3	4.2	\$ 305	\$ 138,257
TSP-L54-L006	31940030B	31940350F	4	621.1	9.23	\$ 596	\$ 370,176
TSP-L54-L007	TSP-L54-N007	31910040ST	3.5	662.7	9.41	\$ 594	\$ 393,644
TSP-L54-L008	TSP-L54-N008	TSP-L54-N007	3.5	285.1	9.21	\$ 594	\$ 169,349
TSP-L54-L009	TSP-L54-N009	TSP-L54-N008	3	146.5	7.79	\$ 534	\$ 78,231
TSP-L54-L010	TSP-L54-N010	TSP-L54-N009	3	955.6	7.28	\$ 534	\$ 510,290
						Total:	\$ 2,286,952
(TSP-L55) TSP Project L55 - Three Lakes Road							
TSP-L55-L001	TSP-L55-N001	30941570F	2	851.6	6.6	\$ 416	\$ 354,266
TSP-L55-L002	TSP-L55-N002	TSP-L55-N001	2	1274.1	6.07	\$ 416	\$ 530,026
TSP-L55-L003	TSP-L55-N004	TSP-L55-N003	2	63.5	3.16	\$ 416	\$ 26,416
TSP-L55-L004	TSP-L55-N005	TSP-L55-N003	0.833	439.9	2.16	\$ 305	\$ 134,170
						Total:	\$ 1,044,878
(TSP-L57) TSP Project L57 - Santa Maria Avenue							
TSP-L57-L001	TSP-L57-N001	Crk_BT_2	3	109.7	6.1	\$ 534	\$ 58,580
TSP-L57-L002	TSP-L57-N002	TSP-L57-N001	3	359.3	5.86	\$ 534	\$ 191,866
TSP-L57-L003	TSP-L24-N014	TSP-L57-N002	3	532.2	5.7	\$ 534	\$ 284,195
						Total:	\$ 534,641
(TSP-L61) TSP Project L61 - Three Lakes Road							
TSP-L61-L001	TSP-L61-N001	Crk_P_16	1.5	82	7.83	\$ 364	\$ 29,848
TSP-L61-L002	TSP-L47-N001	Crk_P_16	1	558.3	7.83	\$ 308	\$ 171,956
						Total:	\$ 201,804
						CIP Cost Total:	\$145,307,310

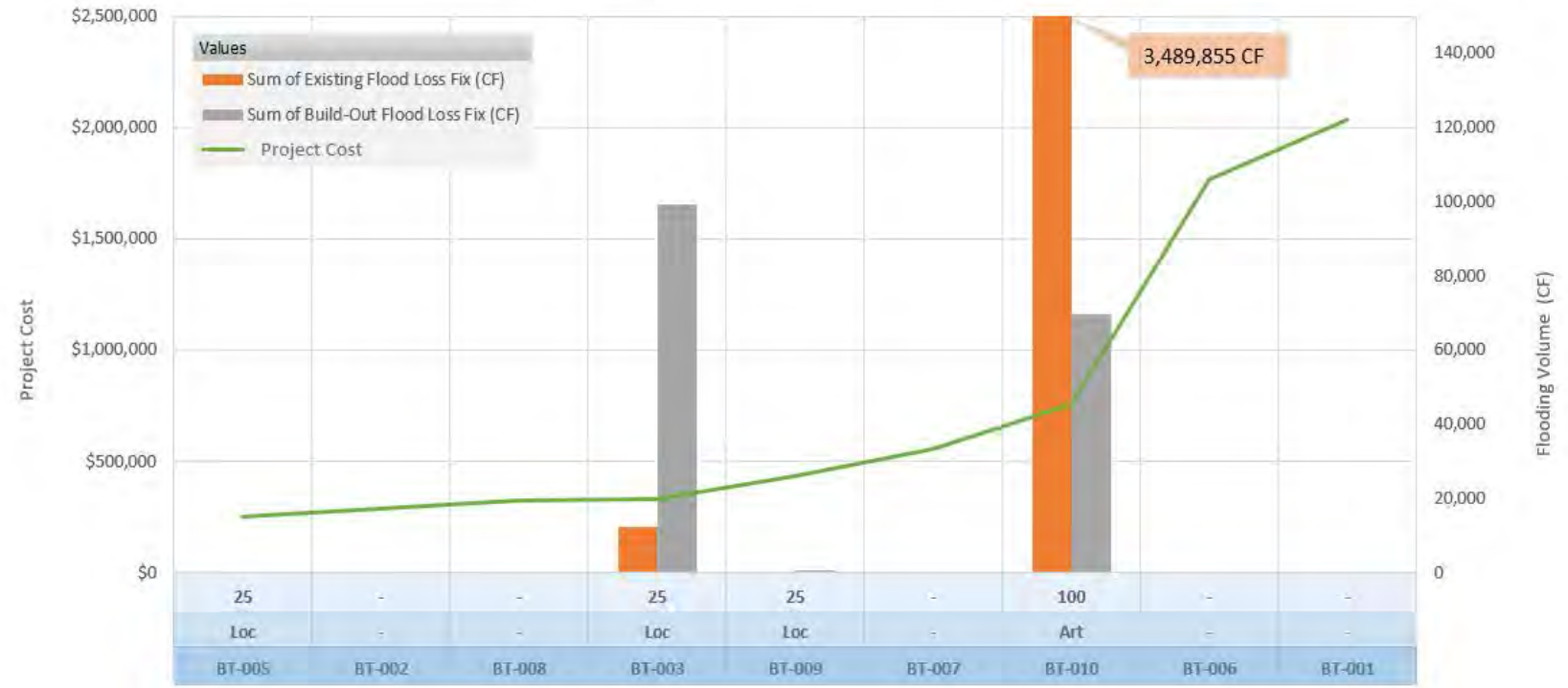
Total Project Costs with Flood Volumes (2021 ENR Costs)				
CIP ID	Name	Total Cost	Total Existing Flood Volume Eliminated (cf)	Total Build-Out (FC) Flood Volume Eliminated (cf)
Burkhart-Truax Watershed				
BT-001	Burkhart Creek Bridges - Clover Ridge Road & Knox Butte Apartments	\$ 2,032,700		
BT-002	Burkhart Creek New Pipes - Earl Avenue, Century Drive, & Eleanor Drive	\$ 289,963		
BT-003	Edgewater Drive & Breezy Way - Dunlap Avenue to Clover Ridge Road	\$ 329,085	12,350	99,172
BT-005	Somerset Drive - Cameron Street to Fairmont Drive	\$ 250,870	305	80
BT-006	Truax Creek New Pipes - Bernard Ave, Century Drive, Dian Ave, & David Ave	\$ 1,769,557		
BT-007	Truax Creek New Pipes - Santa Maria Avenue and Charlotte Street	\$ 554,029		
BT-008	Willamette Avenue - Empire Court to Timber Street	\$ 327,068	145	
BT-009	Windy Avenue - Stormy Street to Breezy Way	\$ 432,662		745
BT-010	Burkhart Creek Bridge - Bob Barker Trucking	\$ 759,900	3,489,855	69,856
Burkhart-Truax Watershed Subtotal:		\$ 6,745,834	3,502,655	169,854
Cox Creek Watershed				
CC-001	Airport Road	\$ 283,493	12,570	13,004
CC-002	Columbus Street - 4th Avenue to Salem Avenue	\$ 498,486	4,108	9,229
CC-003	Cox Creek New Pipes - Center Street	\$ 383,783	1,027	797
CC-004	Heatherdale Mobile Home Park	\$ 1,492,921	4,668	5,763
CC-005	South Shore Drive - Locust Place to Bain Street	\$ 421,986	43	1,164
CC-006	Waverly Drive - 9th Avenue to Highway 20	\$ 100,334		
CC-007	Albany Municipal Airport	\$ 421,389	14,054	13,669
CC-008	Cox Creek - Albany Airport Bypass	\$ 4,672,960		943
CC-009	Highway 99E - Burkhart Street to Cox Creek	\$ 320,775	641	142
CC-010	Fescue Street SE	\$ 203,957		1,118
CC-011	S Commercial Way SE	\$ 92,460		
CC-012	Goldfish Farm Road - Mackinaw Ave to Maple Leaf Ave	\$ 391,267		
Cox Creek Watershed Subtotal:		\$ 9,283,811	37,111	45,829
North Albany Watershed				
NA-001	23rd Street & Broadway Street	\$ 934,897	23,118	20,094
NA-002	Cluster Oak Avenue - East of Oak Glen Street	\$ 319,735	1,899	2,207
NA-003	Dover Lane, Grandview Drive, 19th Avenue, & Whitmore Avenue	\$ 1,063,026	22,401	14,199
NA-005	North Albany New Pipes - 13th Ave, Cloverdale Drive, Springwood Ave, & Dogwood Ln	\$ 2,576,936	-	-
NA-006	North Albany New Pipes - Fairway Drive & Cloverdale Drive	\$ 732,517	-	-
NA-007	North Albany New Pipes - South Nebergall Loop	\$ 1,231,957	-	-
NA-008	Penny Lane - South of Gibson Hill Road	\$ 106,578	-	-
NA-009	Ravenwood Drive - South of Dover Lane	\$ 299,150	124	176
NA-010	Riverview Heights Park	\$ 274,013	3,896	34,371
NA-012	Violet Avenue - Broadway Street to 21st Street	\$ 631,577	10,428	9,412
NA-013	White Oak Avenue & Brianna Street	\$ 279,568	3,562	2,459
NA-016	Gibson Hill Road - Pulver Lane to Thorn Drive	\$ 125,756	-	-
NA-018	Hickory Street - North Albany Road to Highway 20	\$ 398,661	-	-
NA-020	Red Oak Street - San Pedro Avenue to White Oak Avenue	\$ 68,522	-	-
NA-021	Scenic Drive - 23rd Avenue to Dover Lane	\$ 213,696	-	-
NA-024	Thorn Drive	\$ 55,568	-	53,853
NA-025	West Thornton Lake Drive to Thornton Lake	\$ 550,234	-	-
NA-026	North Albany Local Street System Plan	\$ 1,081,788	-	-
North Albany Watershed Subtotal:		\$ 10,944,179	65,428	136,771
Oak Creek Watershed				
OC-001	36th Avenue - Highway 99E to Oak Creek	\$ 505,474		
OC-002	37th Avenue - Highway 99E to Oak Creek	\$ 419,766		
OC-003	39th Avenue - 37th Ave to Oak Creek	\$ 225,575		
OC-004	Drew Place - Bethel Loop to Oak Creek	\$ 220,529	1,277	1,302
OC-005	Elm Street & Umatilla Street Bridge - 22nd Avenue to Cathey Creek	\$ 1,208,030	75,886	75,560
OC-006	Ferry Street - 30th Avenue to 34th Avenue	\$ 729,344	405	2,926
OC-007	Highway 99E - 29th Avenue to Cathey Creek	\$ 501,347	41,658	61,494
OC-008	Liberty Street - Lakewood Drive to Park Place	\$ 151,998	394	295
OC-009	Liberty Street & 24th Avenue - 24th Avenue to Cathey Creek	\$ 543,067	33,252	34,461
OC-010	Marion Street - 38th Avenue to 34th Avenue	\$ 204,072	3,078	2,058
OC-011	Takena Street & Liberty Street - Lakewood Drive to Cathey Creek	\$ 1,516,541	52,727	50,993
OC-012	Columbus Street Detention - 48th Avenue to Oak Creek	\$ 998,136	3,322	1,500
OC-019	Oak Creek New Pipes - 40th Avenue to Oak Creek	\$ 2,468,646		
Oak Creek Watershed Subtotal:		\$ 9,692,525	211,999	230,590
Periwinkle Creek Watershed				
CAI-PC-A	Central Albany Improvements - Periwinkle Creek Basin: A - Geary Street Trunk Line	\$ 12,661,919	22,717	32,902
CAI-PC-B	Central Albany Improvements - Periwinkle Creek Basin: B - 19th Avenue & Hill Street	\$ 1,670,976	51,240	52,324
CAI-PC-C	Central Albany Improvements - Periwinkle Creek Basin: C - Oak Street, 38th Avenue to 28th Avenue	\$ 1,777,386	115,810	134,529
CAI-PC-D	Central Albany Improvements - Periwinkle Creek Basin: D - 28th Avenue, Thurston Street to Oak Street	\$ 1,346,367	9,620	9,086
CAI-PC-E	Central Albany Improvements - Periwinkle Creek Basin: E - 38th Avenue, Hill Street, & Tudor Way	\$ 2,204,154	63,906	53,674
CAI-PC-F	Central Albany Improvements - Periwinkle Creek Basin: F - Madison Street, 36th Avenue to 28th Avenue	\$ 1,400,120	23,319	23,922
PC-001	12th Ave SE Neighborhood	\$ 363,146		
PC-002	20th Avenue	\$ 236,862		
PC-003	21st Avenue & Periwinkle Creek	\$ 148,416	830	1,128
PC-004	22nd Avenue & 21st Place	\$ 296,279	82	23
PC-005	7th Avenue - Main Street SE to Periwinkle Creek	\$ 544,761	37	-
PC-006	Bain Street - 28th Avenue to Westcott Avenue	\$ 177,724		
PC-007	Columbus Street & Grand Prairie Road	\$ 1,801,666	40,728	48,795
PC-008	East Mountain View Drive	\$ 215,662	70	30
PC-009	Geary Street - South of Queen Avenue	\$ 159,280	1,140	2,489
PC-011	Lexington Street & Collingwood Street - 29th Avenue to 24th Avenue	\$ 842,876	3,173	1,667
PC-012	Main Street SE - 6th Ave SE to 7th Ave SE	\$ 99,979		
PC-013	Oxford Avenue	\$ 241,035	83	568
PC-014	Periwinkle Creek - I5 Drainage through Edgewood Mobile Home Park	\$ 628,753	11,675	113,452
PC-015	Periwinkle Creek New Pipes - Lehigh Way	\$ 346,783		
PC-016	Queen Avenue & Tudor Way - Hill Street to Periwinkle Creek	\$ 912,628	28,258	33,344
PC-017	SE Geary Street & Grand Prairie Road	\$ 1,041,979	13,022	17,315
PC-018	Tudor Way SE & 27th Ave SE	\$ 119,566	7,594	7,066
PC-021	32nd Avenue East of Ermine Street	\$ 104,343		
PC-023	Periwinkle Creek - Three Lakes Road SE	\$ 1,605,400	1,466	2,102
PC-024	Highway 99E & Highway 20	\$ 88,354		
PC-026	Waverly Drive - 14th Avenue to Queen Avenue	\$ 366,734		
PC-027	Grand Prairie Rd ODOT Pond Outfall	\$ 20,821		
PC-028	Chicago Street - 31st Avenue to 34th Avenue	\$ 229,635		
Periwinkle Watershed Subtotal:		\$ 31,653,604	394,772	534,415

Table 9.5.9 Total Project Costs with Flood Volumes (2021 ENR Costs)

Total Project Costs with Flood Volumes (2021 ENR Costs)				
CIP ID	Name	Total Cost	Total Existing Flood Volume Eliminated (cf)	Total Build-Out (FC) Flood Volume Eliminated (cf)
Willamette River Watershed				
CAI-WR-A	Central Albany Improvements - Willamette River Basin: A - Trunk Line Extension & Improvements	\$ 11,157,129	11,163	14,673
CAI-WR-B	Central Albany Improvements - Willamette River Basin: B - Industrial Way, Thurston Street, Jackson Street, & 13th Avenue	\$ 1,692,879	53,970	49,120
CAI-WR-C	Central Albany Improvements - Willamette River Basin: C - Howard Drive, 15th Avenue, & 14th Avenue	\$ 385,719	1,064	1,109
CAI-WR-D	Central Albany Improvements - Willamette River Basin: D - Industrial Way, Southwest of Howard Drive	\$ 203,403	42	182
CAI-WR-E	Central Albany Improvements - Willamette River Basin: E - Jackson Street, 35th Avenue to 28th Avenue	\$ 971,291	63,256	61,956
CAI-WR-F	Central Albany Improvements - Willamette River Basin: F - 29th Avenue & Thurston Street	\$ 329,936	4,408	3,670
CAI-WR-G	Central Albany Improvements - Willamette River Basin: G - Thurston Street, 22nd Avenue to 28th Avenue	\$ 900,453	40,747	36,069
WR-001	12th Avenue - Tadena Street to Broadway Street	\$ 832,708	6,936	5,576
WR-002	3rd Street & 1st Street - Madison Street to Thurston Street	\$ 540,600	16,969	15,306
WR-003	9th Avenue - West of Madison Street	\$ 79,616		972
WR-004	Broadway Street New Pipe - North of 25th Avenue	\$ 281,714	19,890	26,616
WR-005	Ferry Street - Trunk Line Pipe Connection	\$ 332,114		691
WR-006	Front Avenue - Alco Street to Geary Street	\$ 230,285	1,027	834
WR-007	Hill Street - 4th Avenue to Willamette River	\$ 1,080,005	23,327	7,518
WR-008	Lyon Street & 19th Avenue	\$ 290,053		
WR-009	Queen Avenue & Elm Street - Maple Street & Lawndridge Street to 14th Avenue	\$ 1,442,860		
WR-010	Queen Avenue & Jackson Street - Jefferson Street to Industrial Way	\$ 1,349,578	64,077	74,473
WR-011	Washington Street - 22nd Avenue to 9th Avenue	\$ 3,300,780	190,776	110,572
WR-012	Willamette River New Pipes - Columbus Street & Front Avenue	\$ 260,066		
WR-013	Baker Street	\$ 84,107	-	
Willamette River Watershed Subtotal:		\$ 25,745,296	497,652	409,338
Transportation System Plan Storm Improvements				
TSP-L1	TSP Project L1 - 53rd Avenue Extension	\$ 1,813,084		
TSP-L4	TSP Project L4 - Timber Street Extension	\$ 553,587		
TSP-L8	TSP Project L8 - Lochner-Columbus Connector	\$ 1,175,027		
TSP-L10	TSP Project L10 - New North Albany Connector	\$ 620,684		
TSP-L13	TSP Project L13 - Goldfish Farm Road Extension	\$ 220,068		
TSP-L14	TSP Project L14 - Dogwood Avenue Extension	\$ 5,788,997		
TSP-L15	TSP Project L15 - New North/South Collector	\$ 6,736,756		
TSP-L16	TSP Project L16 - New East/West Collector	\$ 3,740,723		
TSP-L18	TSP Project L18 - Timber Street Extension to Somerset Avenue	\$ 2,184,870		
TSP-L19	TSP Project L19 - Somerset Avenue Extension	\$ 2,059,641		
TSP-L20	TSP Project L20 - Santa Maria Avenue Extension	\$ 368,096		
TSP-L22	TSP Project L22 - Knox Butte Road Widening	\$ 504,140		
TSP-L23	TSP Project L23 - Knox Butte Road Widening	\$ 172,841		
TSP-L24	TSP Project L24 - Knox Butte Road Widening	\$ 3,173,647		
TSP-L25	TSP Project L25 - Dunlap Avenue Extension	\$ 334,118		
TSP-L28	TSP Project L28 - Ellingson Road Extension	\$ 1,085,264		
TSP-L31	TSP Project L31 - Fescue Street to Three Lakes Road Connector	\$ 277,016		
TSP-L32	TSP Project L32 - Fescue Street Extension	\$ 1,509,654		
TSP-L34	TSP Project L34 - Looney Lane Extension	\$ 246,593		
TSP-L37	TSP Project L37 - Springhill Drive	\$ 1,517,087		
TSP-L38	TSP Project L38 - Scenic Drive	\$ 1,970,639	30,542	29,713
TSP-L41	TSP Project L41 - Skyline Drive	\$ 493,321		
TSP-L42	TSP Project L42 - Crocker Lane	\$ 1,580,176		
TSP-L43	TSP Project L43 - Valley View Drive	\$ 1,042,125		
TSP-L44	TSP Project L44 - West Thornton Lake Drive	\$ 1,652,575		
TSP-L45	TSP Project L45 - Allen Lane	\$ 1,093,897		
TSP-L46	TSP Project L46 - Columbus Street	\$ 816,851		
TSP-L47	TSP Project L47 - Grand Prairie Road	\$ 724,986		
TSP-L49	TSP Project L49 - Scrauel Hill Road	\$ 1,446,735		
TSP-L50	TSP Project L50 - Quarry Road	\$ 588,340		
TSP-L52	TSP Project L52 - Goldfish Farm Road	\$ 844,104		
TSP-L53	TSP Project L53 - Ellingson Lane	\$ 838,144		
TSP-L54	TSP Project L54 - Lochner Road	\$ 2,286,952		
TSP-L55	TSP Project L55 - Three Lakes Road	\$ 1,044,878		
TSP-L57	TSP Project L57 - Santa Maria Avenue	\$ 534,641		
TSP-L61	TSP Project L61 - Three Lakes Road	\$ 201,804		
Transportation System Plan Subtotal:		\$ 51,242,061	30,542	29,713
Future Conditions CIP Total:		\$ 145,307,310	4,740,159	1,556,510

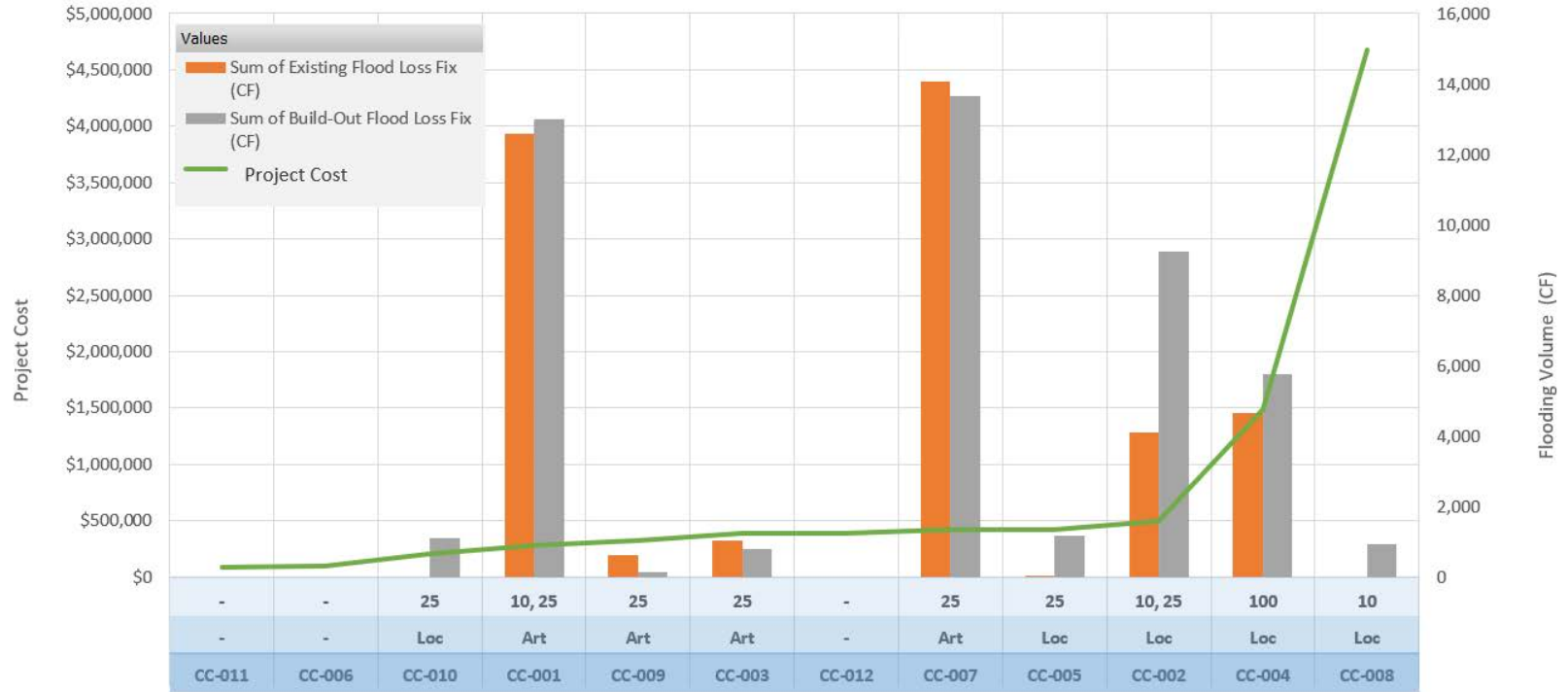
Table 9.5.9 Total Project Costs with Flood Volumes (2021 ENR Costs)

Figure 9.5.10 Burkhardt-Truax Cost vs Flood Volume Chart



Design Storm of the Deficiency Fixed
 Highest road classification at deficiency: Local (Loc), Collector (Coll), Highway/Arterial, (Art)
 CIP Project ID

Figure 9.5.11 Cox Creek Cost vs Flood Volume Chart



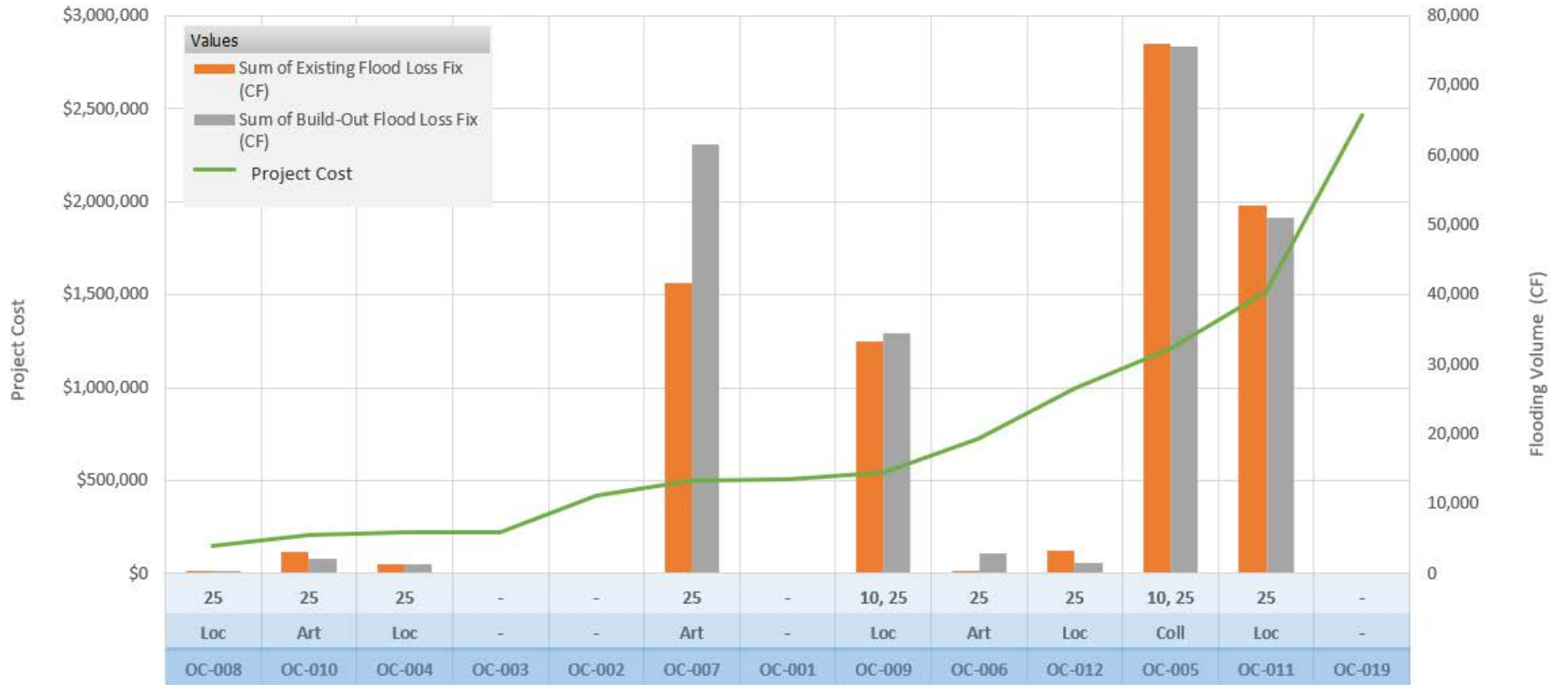
Design Storm of the Deficiency Fixed
 Highest road classification at deficiency: Local (Loc), Collector (Coll), Highway/Arterial, (Art)
 CIP Project ID

Figure 9.5.12 North Albany Cost vs Flood Volume Chart



Design Storm of the Deficiency Fixed
 Highest road classification at deficiency: Local (Loc), Collector (Coll), Highway/Arterial, (Art)
 CIP Project ID

Figure 9.5.13 Oak Creek Cost vs Flood Volume Chart



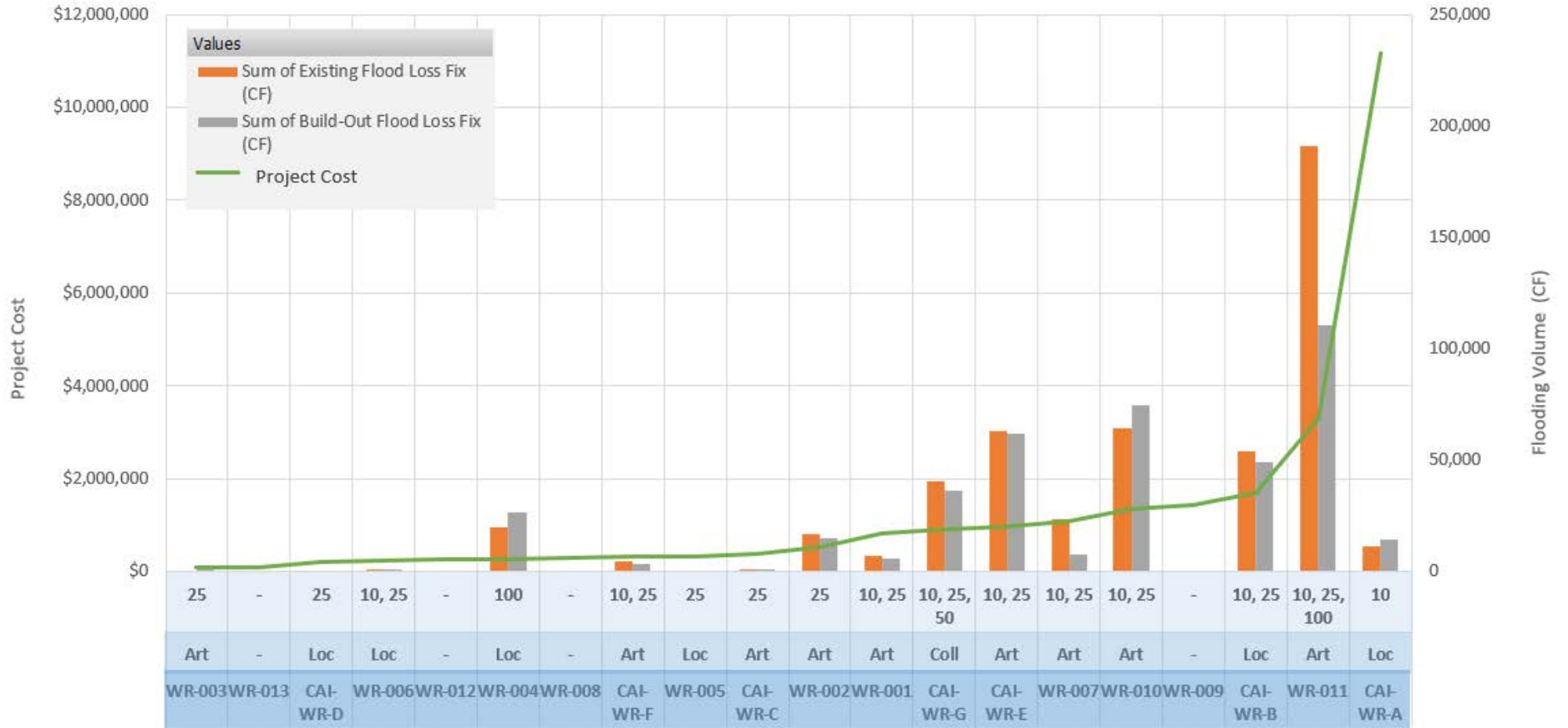
Design Storm of the Deficiency Fixed
 Highest road classification at deficiency: Local (Loc), Collector (Coll), Highway/Arterial, (Art)
 CIP Project ID

Figure 9.5.14 Periwinkle Creek Cost vs Flood Volume Chart



Design Storm of the Deficiency Fixed
Highest road classification at deficiency: Local (Loc), Collector (Coll), Highway/Arterial, (Art)
CIP Project ID

Figure 9.5.15 Willamette River Cost vs Flood Volume Chart



Design Storm of the Deficiency Fixed
 Highest road classification at deficiency: Local (Loc), Collector (Coll), Highway/Arterial, (Art)
 CIP Project ID