









Stayton, OR Storm Water Master Plan CIP

Pri	Priority Improvements							
Item (2007 Project Costs*)	Priority 1	Priority 2	Priority 3	Priority 4	Future	Total	% Benefiting Growth	
Priority 1 (2008)							0.0	
Wetland Preservation	\$792,000						60%	
Shaff Road Detention Basin and piping	\$1,754,700						10%	
10th Ave Detention Basin and piping	\$765,100						15%	
PRIORITY 1A SUBTOTAL	\$3,311,800						1070	
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Industrial Detention Site Improvements	\$95,000						25%	
Shaff Road Basin Pipeline Improvements	\$3,575,500						5%	
10th Avenue Pipeline Improvements	\$818,500						15%	
Norpac NE Detention Site	\$620,800						0%	
5 Additional Manhole Monitoring Equipement	\$96,700						0%	
PRIORITY 1B SUBTOTAL	\$5,206,500							
Total Priority	\$8,518,300	1						
Priority 2 (2010) Fir to Regis through Regis HS Parking Lot		\$358,800					5%	
Evergreen Ave to Norpac Dtn Site		\$575,600					5%	
3rd and Jefferson to Library Dtn Site		\$2,115,000					5%	
Millstream Woods to Norpac SW Dtn Site		\$1,975,400					10%	
Total Priority	2	\$5,024,800	1				1070	
Priority 3 (2015)			470.400					
Sylvan Meadows Subdivision			\$72,100				0%	
Gardner Road-Regis High School			\$637,800				5%	
Wedgewood Place			\$736,600				0%	
Western Avenue Total Priority	2		\$732,400 \$2,178,900	-			0%	
Priority 4 (2020)			\$2,176,900					
Library Improvements				\$49,500			0%	
1st Avenue				\$122,300			0%	
Washington Street Area				\$216,600			42%	
North Peach Street				\$82,500			50%	
Total Priority	4			\$470,900				
Pacific Court					\$349,600			
Fern Ridge Street Area					\$1,701,400		34%	
Dozler Property Area					\$740,800		48%	
Phillips Property Area					\$1,991,900		87%	
Larch Avenue					\$130,200		0%	
Detention Facilities					\$3,402,000		98%	
Pipeline Upsize Costs (over 18")					\$1,430,800		0%	
Total Future					\$9,746,700		0 /0	
* All costs in 2007 Dollars Costs include enginee	\$8,518,300	\$5,024,800	\$2,178,900	\$470,900	\$9,746,700	\$25,939,600		

^{*} All costs in 2007 Dollars. Costs include engineering and contingencies.

** Timing depends on when growth occurs. Development participation anticipated.

Item	Unit	Unit Price	Estimated Quantity	Cost	Cost (Rounded)		
Industrial Detention Site Improvements				1A	1B		
Rebuild Berm on east edge of dtn pond	CY	\$15	540		\$8,100		
Divert farm flow to ditch to north	CY	\$15	4500		\$67,500		
Mobilization	%	5%			\$405		
Total Construction Costs					\$76,005		
Contingency	%	10%			\$7,601		
Engineering & Legal	%	15%			\$11,401		
Detention Outlet Control Subtotal					\$95,000		
Wetland Preservation	4.0	# 00 000	0.5	# 7 00 000			
Land Acquisition	AC	\$20,000	35	\$700,000			
Legal and Permitting	EA	\$20,000	1	\$20,000			
Total Costs	0.1	100/		\$720,000			
Contingency	%	10%		\$72,000			
Wetland Subtotal				\$792,000			
Additional Monitoring Manholes		00 =00			0.17.700		
Manholes	EA	\$3,500	5	-	\$17,500		
Manhole Monitoring Equipment	EA	\$9,200	5	-	\$46,000		
0	_			-	\$00.500		
Sum		En/		-	\$63,500		
Mobilization	%	5%		-	\$3,200		
Total Construction Costs		0001		-	\$66,700		
Contingency	%	30%		-	\$20,010		
Engineering	%	15%			\$10,005		
Fir to Regis Subtotal					\$96,700		
01 (15 15 11				4.4	45		
Shaff Road Basin Improvements				1A	1B		
Fir to Hollister on 6th Ave Parallel 30" Storm Water Line		# 4.00	050		A 45 000		
	LF	\$180	250		\$45,000		
Manholes	EA	\$3,500	2		\$7,000		
Manhole interties	EA	\$4,500	2		\$9,000		
Additional/Replacement Catch Basins	EA	\$1,800	6		\$10,800		
Additional 10" pipe to tie in catch basins	LF	\$49	180		\$8,820		
Additional cost for Control Density Backfill	LF	\$40	0		\$0		
Pavement Repair- 1/2 lane	LF	\$30	250		\$7,500		
Pavement Repair- Full Lane	LF	\$52	0		\$0		
Utilities	LF	\$6	250		\$1,500		
Traffic Control	LF	\$2	250		\$500		
6th Ave to 5th Ave on Hollister	1.5	COOO	200		\$00,000		
Parallel 36" Storm Water Line	LF	\$200	300		\$60,000		
Manholes	EA	\$3,500	1		\$3,500		
Manhole interties	EA	\$4,500	1		\$4,500		
Additional/Replacement Catch Basins	EA	\$1,800	3		\$5,400		
Additional 10" pipe to tie in catch basins	LF	\$49	90		\$4,410		
Additional cost for Control Density Backfill	LF	\$40	0		\$0		
Pavement Repair- 1/2 lane	LF	\$30	300	-	\$9,000		
Pavement Repair- Full Lane	LF	\$52	0	-	\$0 \$1.800		
Utilities Troffic Control	LF	\$6	300	-	+ /		
Traffic Control	LF	\$2	300		\$600		
Santiam to Robidoux on 6th Ave	LF	\$44E	E20		\$60,950		
Single 24" Storm Water Line	EA	\$115 \$3,500	530		\$60,950 \$10,500		
Manholes Manhole intertion		\$3,500	3				
Manhole interties	EΑ	\$4,500	3		\$13,500 \$10,800		
Additional/Replacement Catch Basins	EA LF	\$1,800	6				
Additional 10" pipe to tie in catch basins		\$49 \$40	180		\$8,820		
Additional cost for Control Density Backfill	LF	\$40	530		\$0 \$15,900		
Pavement Repair- 1/2 lane	LF	\$30 \$52	530				
Pavement Repair- Full Lane	LF	\$52 \$6	0 530	-	\$0		
Utilities Traffic Control	LF LF	\$6 \$2	530 530		\$3,180 \$1,060		
6th Ave to 5th Ave on Robidoux	LF	ΦZ	530		φ1,000		
Single 24" Storm Water Line	LF	\$115	220		\$36,800		
Manholes			320		\$36,800		
	EΑ	\$3,500	1		\$3,500 \$4,500		
Manhole interties	EΑ	\$4,500					
Additional/Replacement Catch Basins	EA	\$1,800	5	-	\$9,000		
Additional 10" pipe to tie in catch basins	LF	\$49	150	-	\$7,350		
Additional cost for Control Density Backfill	LF	\$40	0		\$0		
Pavement Repair- 1/2 lane	LF	\$30	320	-	\$9,600		
Pavement Repair- Full Lane	LF	\$52	0		\$0		
Utilities	LF	\$6	320		\$1,920		
Traffic Control	LF	\$2	320	I	\$640		

ltem	Unit	Unit Price	Estimated Quantity	Cost (Rounded)
Robidoux to Hollister on 5th Ave				
Single 24" Storm Water Line	LF	\$115	300	\$34,500
Manholes Manhole interties	EA	\$3,500 \$4.500	0	\$0
Additional/Replacement Catch Basins	EA	\$1,800	0 5	\$0 \$9,000
Additional 10" pipe to tie in catch basins	LF	\$49	150	\$7,350
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	300	\$9,000
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	300	\$1,800
Traffic Control	LF	\$2	300	\$600
5th Ave to 1st Ave on Hollister Parallel 36" Storm Water Line	LF	\$200	941	\$188,200
Manholes	EA	\$3,500	4	\$14,000
Manhole interties	EA	\$4,500	5	\$22,500
Additional/Replacement Catch Basins	EA	\$1,800	15	\$27,000
Additional 10" pipe to tie in catch basins	LF	\$49	450	\$22,050
Additional cost for Control Density Backfill	LF	\$40	941	\$37,640
Pavement Repair- 1/2 lane	LF	\$30	0	\$0
Pavement Repair- Full Lane Utilities	LF LF	\$52 \$6	941 941	\$48,932 \$5,646
Traffic Control	LF	\$2	941	\$1,882
Hollister to Cedar on 1st Ave		ΨΖ	371	ψ1,002
Parallel 42" Storm Water Line	LF	\$218	800	\$174,400
Manholes	EA	\$3,500	4	\$14,000
Manhole interties	EA	\$4,500	4	\$18,000
Additional/Replacement Catch Basins	EA	\$1,800	15	\$27,000
Additional 10" pipe to tie in catch basins	LF	\$49	450	\$22,050
Additional cost for Control Density Backfill Pavement Repair- 1/2 lane	LF LF	\$40 \$30	800 0	\$32,000 \$0
Pavement Repair- 1/2 lane	LF	\$52	800	\$41,600
Utilities	LF	\$6	800	\$4,800
Traffic Control	LF	\$2	800	\$1,600
Cedar to Regis on 1st Ave				
Parallel 36" Storm Water Line	LF	\$200	647	\$129,400
Manholes	EA	\$3,500	3	\$10,500
Manhole interties Additional/Replacement Catch Basins	EA	\$4,500 \$1,800	<u>3</u>	\$13,500 \$10,800
Additional 10" pipe to tie in catch basins	LF	\$49	180	\$8,820
Additional cost for Control Density Backfill	LF	\$40	647	\$25,880
Pavement Repair- 1/2 lane	LF	\$30	0	\$0
Pavement Repair- Full Lane	LF	\$52	647	\$33,644
Utilities	LF	\$6	647	\$3,882
Traffic Control	LF	\$2	647	\$1,294
1st Ave to Kathy on Regis Parallel 36" Storm Water Line	LF	\$200	883	\$176,600
Manholes	EA	\$3.500	3	\$10,500
Manhole interties	EA	\$4,500	3	\$13,500
Additional/Replacement Catch Basins	EΑ	\$1,800	5	\$9,000
Additional 10" pipe to tie in catch basins	LF	\$49	150	\$7,350
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	883	\$26,490
Pavement Repair- Full Lane Utilities	LF LF	\$52 \$6	0 883	\$0 \$5,298
Traffic Control	LF	\$2	883	\$1,766
Kathy to Gardner on Regis		7-	550	ψ1,700
Parallel 36" Storm Water Line	LF	\$200	1,460	\$292,000
Manholes	EA	\$3,500	3	\$10,500
Manhole interties	EA	\$4,500	3	\$13,500
Additional/Replacement Catch Basins	EA	\$1,800	9	\$16,200
Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill	LF LF	\$49 \$40	270 0	\$13,230 \$0
Pavement Repair- 1/2 lane	LF	\$40	1,460	\$43,800
Pavement Repair- 1/2 lane	LF	\$52	0	\$0
Utilities	LF	\$6	1,460	\$8,760
Traffic Control	LF	\$2	1,460	\$2,920
Regis to Shaff on Gardner				
Parallel 42" Storm Water Line	LF	\$218	1,100	\$239,800
Manholes	EA	\$3,500	5	\$17,500
Manhole interties	EΑ	\$4,500	5	\$22,500 \$16,300
Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins	EA LF	\$1,800 \$49	9 270	\$16,200 \$13,230
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ltem	Unit	Unit Price	Estimated Quantity	Cost (Rounded)
Additional cost for Control Density Backfill	LF	\$40	100		\$4,000
Pavement Repair- 1/2 lane	LF	\$30	0		\$0
Pavement Repair- Full Lane	LF	\$52	1,100		\$57,200
Utilities	LF	\$6	1,100		\$6,600
Traffic Control	LF	\$2	1,100		\$2.200
Eagle Street to Shaff Road on Quail Run Ave	LI	ΨΖ	1,100		\$2,200
		Φ00	00.4		r00.040
Parallel15" Storm Water Line	LF	\$63	634		\$39,942
Manholes	EA	\$3,500	3		\$10,500
Manhole interties	EA	\$4,500	3		\$13,500
Additional/Replacement Catch Basins	EA	\$1,800	2		\$3,600
Additional 10" pipe to tie in catch basins	LF	\$49	60		\$2,940
Additional cost for Control Density Backfill	LF	\$40	65		\$2,600
Pavement Repair- 1/2 lane	LF	\$30	0		\$0
Pavement Repair- Full Lane	LF	\$52	634		\$32,968
Utilities	LF	\$6	634		\$3,804
Traffic Control	I.F.	\$2	634		\$1,268
	LF	ΦZ	634		\$1,200
Shaff Road Detention Facility					
Land Acquisition	AC	\$20,000	4	\$80,000	
Single 48" Storm Water Line	LF	\$225	900	\$202,500	
Bore under Shaff Road to North side	LF	\$900	60	\$54,000	
Manholes	EΑ	\$3,500	4	\$14,000	
Manhole interties	EΑ	\$4,500	0	\$0	
Manhole Monitoring Equipment	EA	\$9,200	1	\$9,200	
Additional/Replacement Catch Basins	EA	\$1,800	4	\$7,200	+
	LF	\$49	120	\$5,880	
Additional 10" pipe to tie in catch basins		· ·			
Additional cost for Control Density Backfill	LF	\$40	900	\$36,000	
Pavement Repair- 1/2 lane	LF	\$30	900	\$27,000	
Pavement Repair- Full Lane	LF	\$52	0	\$0	
Utilities	LF	\$6	900	\$5,400	
Traffic Control	LF	\$2	900	\$1,800	
Excavation	CY	\$15	17,333	\$259,995	
Inlet structure	EA	\$6,000	1	\$6,000	
Outlet control structure	EA	\$7,500	1	\$7,500	
Outfall Piping - 30"	LF	\$180	1,747	\$314,460	
Landscaping	SF	\$0.95	217,800	\$206,910	
Sum				\$1,237,845	\$2,522,386
Mobilization		5%		\$61,900	\$126,100
เขเบมแนสเเบท	%				φ120,100
Mobilization Total Construction Costs	%	070		\$1,299,745	\$2,648,486
Total Construction Costs				\$1,299,745	\$2,648,486
Total Construction Costs Contingency	%	20%		\$1,299,745 \$259,949	\$2,648,486 \$529,697
Total Construction Costs Contingency Engineering & Legal				\$1,299,745 \$259,949 \$194,962	\$2,648,486 \$529,697 \$397,273
Total Construction Costs Contingency Engineering & Legal	%	20%		\$1,299,745 \$259,949	\$2,648,486 \$529,697
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal	%	20%		\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements	%	20%		\$1,299,745 \$259,949 \$194,962	\$2,648,486 \$529,697 \$397,273
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave	%	20%		\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements	%	20%	900	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave	%	20% 15%	900	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes	% % LF	20% 15% \$63 \$3,500	2	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties	% % LF EA EA	20% 15% \$63 \$3,500 \$4,500	2	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins	% % LF EA EA	20% 15% \$63 \$3,500 \$4,500 \$1,800	2 0 6	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins	% % LF EA EA LF	20% 15% \$63 \$3,500 \$4,500 \$1,800 \$49	2 0 6 180	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill	% % % LF EA EA LF LF	20% 15% \$63 \$3,500 \$4,800 \$1,800 \$440	2 0 6 180 0	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane	% % % LF EA EA LF LF LF	\$63 \$3,500 \$4,500 \$1,840 \$40 \$30	2 0 6 180 0 500	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane	% % % LF EA EA LF LF LF LF	20% 15% \$63 \$3,500 \$4,500 \$1,840 \$49 \$30 \$52	2 0 6 180 0 500	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 Iane Pavement Repair- Full Lane Utilities	% % % % LF EA EA LF LF LF LF LF	20% 15% \$63 \$3,500 \$4,500 \$1,800 \$49 \$49 \$40 \$52 \$6	2 0 6 180 0 500 0	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$15,000 \$0 \$15,000
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control	% % % LF EA EA LF LF LF LF	20% 15% \$63 \$3,500 \$4,500 \$1,840 \$49 \$30 \$52	2 0 6 180 0 500	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control	% % % % LF EA EA LF LF LF LF LF	20% 15% \$63 \$3,500 \$4,500 \$1,800 \$49 \$49 \$40 \$52 \$6	2 0 6 180 0 500 0	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$15,000 \$0 \$15,000
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control	% % % % LF EA EA LF LF LF LF LF	20% 15% \$63 \$3,500 \$4,500 \$1,800 \$49 \$49 \$40 \$52 \$6	2 0 6 180 0 500 0	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$15,000 \$0 \$15,000
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line	% % % EA EA LF LF LF LF LF LF LF	20% 15% \$63 \$3,500 \$4,500 \$1,800 \$4,90 \$40 \$30 \$52 \$62 \$70	2 0 6 180 0 500 0 900 500	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$1,000 \$1,000
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes	% % % % EA EA LF	\$63 \$3,500 \$4,500 \$1,500 \$1,840 \$30 \$52 \$6 \$2	2 0 6 180 0 500 0 900 500	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$1,000 \$1,000
Contingency Engineering & Legal Chaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manholes Manhole interties	% % % EA EA EF LF LF LF LF LF LF EA EA	\$63 \$3,500 \$4,500 \$1,840 \$30 \$52 \$6 \$2 \$70 \$3,500 \$4,500	2 0 6 180 0 500 0 900 500 486 2 2	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$1,000 \$1,000 \$1,000
Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manholes Manhole interties Additional/Replacement Catch Basins	% % % % % EA EA EA LF LF LF LF LF EA EA EA EA EA EA EA EA	\$63 \$3,500 \$4,500 \$1,800 \$49 \$40 \$30 \$52 \$6 \$2 \$70 \$3,500 \$4,500 \$1,800	2 0 6 180 0 500 0 900 500 486 2 2 6	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$1,000 \$1,000 \$34,020 \$7,000 \$9,000 \$10,800
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 Iane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins	% % % % LF EA EA LF LF LF LF EA EA LF	\$63 \$3,500 \$4,500 \$1,800 \$49 \$40 \$30 \$52 \$6 \$2 \$70 \$3,500 \$4,500 \$1,800 \$4,500 \$1,800	2 0 6 180 0 500 0 900 500 486 2 2 6	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$1,000 \$1,000 \$34,020 \$7,000 \$9,000 \$10,800 \$8,820
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill	% % % % EA EA LF LF LF LF EA EA LF LF EA LF LF EA LF EA LF LF	\$63 \$3,500 \$4,500 \$1,800 \$49 \$40 \$30 \$52 \$6 \$2 \$70 \$3,750 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500	2 0 6 180 0 500 0 900 500 486 2 2 6 180	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$15,000 \$0 \$15,000 \$1,000 \$1,000 \$1,000 \$34,020 \$7,000 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$1
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 Iane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins	% % % % LF EA EA LF LF LF LF EA EA LF	\$63 \$3,500 \$4,500 \$1,800 \$49 \$40 \$30 \$52 \$6 \$2 \$70 \$3,500 \$4,500 \$1,800 \$4,500 \$1,800	2 0 6 180 0 500 0 900 500 486 2 2 6	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$1,000 \$1,000 \$34,020 \$7,000 \$9,000 \$10,800 \$8,820
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill	% % % % EA EA LF LF LF LF EA EA LF LF EA LF LF EA LF EA LF LF	\$63 \$3,500 \$4,500 \$1,800 \$49 \$40 \$30 \$52 \$6 \$2 \$70 \$3,750 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500	2 0 6 180 0 500 0 900 500 486 2 2 6 180	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$15,000 \$0 \$15,000 \$1,000 \$1,000 \$1,000 \$34,020 \$7,000 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$9,000 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$10,800 \$1
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane	% % % % LF EA EA LF LF LF EA EA EA LF EA LF	\$63 \$53 \$3,500 \$4,500 \$1,840 \$30 \$52 \$6 \$1,500 \$1,800 \$1,800 \$1,800 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,5	2 0 6 180 0 500 0 900 500 486 2 2 6 180 0	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$1,000 \$1,000 \$1,000 \$1,000 \$34,020 \$7,000 \$9,000 \$10,800 \$8,820 \$0 \$14,580 \$0
Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional 70" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	% % LF EA EA LF	\$63 \$3,500 \$4,500 \$1,840 \$30 \$52 \$6 \$2 \$70 \$3,500 \$4,500 \$1,800 \$4,500 \$1,800 \$4,500 \$1,800 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 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\$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$	2 0 6 180 0 500 0 900 500 486 2 2 6 180 0 486 0	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$1,000 \$1,000 \$1,000 \$34,020 \$7,000 \$9,000 \$10,800 \$9,000 \$11,800 \$8,820 \$0 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 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Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control	% % % % LF EA EA LF LF LF EA EA EA LF EA LF	\$63 \$53 \$3,500 \$4,500 \$1,840 \$30 \$52 \$6 \$1,500 \$1,800 \$1,800 \$1,800 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 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Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional Repair- 1/2 lane Pavement Repair- 1/2 lane Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Santiam to Virginia on 10th Ave	% % % % % % % % % % % % % % % % % % %	20% 15% \$63 \$3,500 \$4,500 \$1,800 \$30 \$52 \$6 \$2 \$70 \$3,500 \$4,500 \$1,800 \$4,500 \$1,800 \$4,500 \$1,800 \$4,500 \$1,800 \$4,500 \$1,800 \$4,500 \$1,800 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Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional 10" pipe to tie in catch basins Additional sost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- 1/2 lane Pavement Repair- 1/2 lane Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Santiam to Virginia on 10th Ave Parallel 18" Storm Water Line	% % % % EA LF	20% 15% \$63 \$3,500 \$4,500 \$1,800 \$30 \$52 \$6 \$2 \$70 \$3,500 \$4,500 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,800 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500	2 0 6 180 0 500 0 900 500 486 2 2 6 180 0 486 0 486 0 486	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$2,400 \$1,800 \$34,020 \$7,000 \$9,000 \$10,800 \$8,820 \$0 \$14,580 \$0 \$2,916 \$972 \$62,300
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional 7" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Santiam to Virginia on 10th Ave Parallel 18" Storm Water Line Manholes	% % % % EA EA EA LF	20% 15% \$63 \$3,500 \$4,500 \$1,800 \$3,500 \$4,500 \$1,800 \$1,840 \$40 \$30 \$52 \$6 \$2 \$70 \$3,500 \$3,500	2 0 6 180 0 500 0 900 500 486 2 2 6 180 0 486 0 486 486	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$5,400 \$1,000 \$34,020 \$7,000 \$9,000 \$10,800 \$8,820 \$0 \$1,800 \$1,800 \$2,916 \$972 \$62,300 \$7,000
Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional 10" pipe to Toentrol Density Backfill Pavement Repair- 1/2 lane Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Santiam to Virginia on 10th Ave Parallel 18" Storm Water Line Manholes Manholes Manhole interties	% % % % LF EA EA LF LF LF LF EA EA LF	\$63 \$3,500 \$4,500 \$1,840 \$30 \$52 \$6 \$2 \$70 \$3,500 \$4,500 \$1,800 \$4,500 \$52 \$6 \$2 \$70 \$3,500 \$4,500 \$4,500 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Total Construction Costs Contingency Engineering & Legal Shaff Basin Subtotal th Avenue Improvements Hospital Discharge to County Housing on 10th Ave Parallel 15" Storm Water Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control County Housing to Santiam on 10th Ave Parallel 18" Storm Water Line Manholes Manhole interties Additional 7" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Santiam to Virginia on 10th Ave Parallel 18" Storm Water Line Manholes	% % % % EA EA EA LF	20% 15% \$63 \$3,500 \$4,500 \$1,800 \$3,500 \$4,500 \$1,800 \$1,840 \$40 \$30 \$52 \$6 \$2 \$70 \$3,500 \$3,500	2 0 6 180 0 500 0 900 500 486 2 2 6 180 0 486 0 486 486	\$1,299,745 \$259,949 \$194,962 \$1,754,700	\$2,648,486 \$529,697 \$397,273 \$3,575,500 1B \$56,700 \$7,000 \$0 \$10,800 \$8,820 \$0 \$15,000 \$0 \$5,400 \$1,000 \$34,020 \$7,000 \$9,000 \$10,800 \$8,820 \$0 \$1,800 \$1,800 \$2,916 \$972 \$62,300 \$7,000

Item	Unit	Unit Price	Estimated Quantity	Cost (F	Rounded)
Additional cost for Control Density Backfill	LF	\$40	0		\$0
Pavement Repair- 1/2 lane	LF	\$30	890		\$26,700
Pavement Repair- Full Lane	LF	\$52	0		\$0
Utilities	LF	\$6	890		\$5,340
Traffic Control	LF	\$2	890		\$1,780
12th Ave to 10th Ave on Virginia					
Parallel 18" Storm Water Line	LF	\$12	650		\$7,800
Manholes	EA	\$3,500	3		\$10,500
Manhole interties	EA	\$4,500	3		\$13,500
Additional/Replacement Catch Basins	EA	\$1,800	6		\$10,800
Additional 10" pipe to tie in catch basins	LF	\$49	180		\$8,820
Additional cost for Control Density Backfill	LF	\$40	0		\$0
Pavement Repair- 1/2 lane	LF	\$30	650		\$19,500
Pavement Repair- Full Lane	LF	\$52	0		\$0
Utilities	LF	\$6	650		\$3,900
Traffic Control	LF	\$2	650		\$1,300
Virginia and 10th to Park Detention Facility					
Single 30" Storm Water Line	LF	\$180	600		\$108,000
Manholes	EA	\$3,500	4		\$14,000
Manhole interties	EA	\$4,500	2		\$9,000
Additional/Replacement Catch Basins	EA	\$1,800	6		\$10,800
Additional 10" pipe to tie in catch basins	LF	\$49	180		\$8,820
Additional cost for Control Density Backfill	LF	\$40	0		\$0
Pavement Repair- 1/2 lane	LF	\$30	600		\$18,000
Pavement Repair- Full Lane	LF	\$52	0		\$0
Utilities	LF	\$6	600		\$3,600
Traffic Control	LF	\$2	600		\$1,200
Park Detention Facility					
Land Acquisition	AC	\$20,000	2	\$40,000	
Excavation	CY	\$15	12,900	\$193,500	
Inlet structure	EA	\$6,000	1	\$6,000	
Manholes	EA	\$3,500	1	\$3,500	
Manhole Monitoring Equipment	EA	\$9,200	1	\$9,200	
Outlet control structure	EA	\$7,500	1	\$7,500	
Outfall Piping - 18"	LF	\$70	1,747	\$122,290	
Landscaping	SF	\$1	87,120	\$82,764	
Subsurface Drainage	AC	\$75,000	1	\$75,000	
g-		4.0,000	-	+ · · · , · · · ·	
Sum				\$539,754	\$577,378
Mobilization	%	5%		\$27,000	\$28.900
Total Construction Costs	,,,	0,70		\$566,754	\$606,278
Contingency	%	20%		\$113,351	\$121,256
Engineering & Legal	%	15%		\$85,013	\$90,942
10th Ave Subtotal				\$765,100	\$818,500
Tour Are Gubtotus				ψ1 00,100	φο το,σοσ
Norpac Northeast Facility				1A	1B
Land Acquisition	AC	\$20.000	1.5		\$30,000
Excavation	CY	\$15	12,907		\$193,605
Manholes	EA	\$3.500	12,507		\$3.500
Manhole Monitoring Equipment	EA	\$9,200	1		\$9,200
Inlet structure	EA	\$6,000	1		\$6,000
Outlet control structure	EA	\$7,500	1		\$7,500
Outfall Piping - 18"	LF	\$70	1,747		\$122,290
Landscaping	SF	\$1	87,120		\$82,764
g	0.	ΨI	5.,120		- J_,. J .
Sum					\$454,859
Mobilization	%	5%			\$22,700
Total Construction Costs	/0	J/0		+	\$477,559
Contingency	%	15%		1	\$71,634
Engineering & Legal	%	15%		+	\$71,634
	70	1070	I I		
Norpac Northeast Detention Facility Subtotal			-		\$620,800
			-		
				40.000	A
Total Priority 1 C	osts			\$3,311,800	\$5,206,500

			Estimated	
Item	Unit	Unit Price	Quantity	Cost (Rounded)
Fir to Regis Through Regis High Parking Lot				
Parallel 36" Storm Water Line	LF	\$200	880	\$176,000
Manholes	EA	\$3,500	3	\$10,500
Manhole interties Additional/Replacement Catch Basins	EA EA	\$4,500 \$1,800	<u>3</u>	\$13,500 \$10,800
Additional 10" pipe to tie in catch basins	LF	\$49	180	\$8,820
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	880	\$26,400
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	880	\$5,280
Traffic Control	LF	\$2	880	\$1,760
Sum				\$253,060
Mobilization	%	5%		\$12,700
Total Construction Costs				\$265,760
Contingency	%	20%		\$53,152
Engineering	%	15%		\$39,864
Fir to Regis Subtotal				\$358,800
Evergreen Ave to NE Norpac Dtn Site				
Hollister to Locust on Evergreen Ave				
Parallel 12" Storm Water Line	LF	\$56	667	\$37,352
Manholes	EA	\$3,500	2	\$7,000
Manhole interties	EA EA	\$4,500	7	\$9,000 \$12,600
Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins	LF	\$1,800 \$49	210	\$10,290
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	667	\$20,010
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	667	\$4,002
Traffic Control	LF	\$2	667	\$1,334
1st Ave to Douglas on Locust	1.5	050	4.400	#04.000
Parallel 12" Storm Water Line Manholes	LF EA	\$56 \$3,500	1,100 3	\$61,600 \$10,500
Manhole interties	EA	\$4,500	3	\$13,500
Additional/Replacement Catch Basins	EA	\$1,800	10	\$18,000
Additional 10" pipe to tie in catch basins	LF	\$49	300	\$14,700
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	1,100	\$33,000
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities Traffic Control	LF LF	\$6 \$2	1,100 1,100	\$6,600 \$2.200
Locust to Washington on Douglas	LF	ΨΖ	1,100	\$2,200
Parallel 12" Storm Water Line	LF	\$56	700	\$39,200
Manholes	EA	\$3,500	2	\$7,000
Manhole interties	EA	\$4,500	2	\$9,000
Additional/Replacement Catch Basins	EA	\$1,800	5	\$9,000
Additional 10" pipe to tie in catch basins	LF	\$49	150	\$7,350
Additional cost for Control Density Backfill Pavement Repair- 1/2 lane	LF LF	\$40 \$30	700	\$0 \$21,000
Pavement Repair- 1/2 lane Pavement Repair- Full Lane	LF	\$50 \$52	0	\$0
Utilities	LF	\$6	700	\$4,200
Traffic Control	LF	\$2	700	\$1,400
Douglas to Norpak NE Detention on Washington				
Parallel 12" Storm Water Line	LF	\$56	300	\$16,800
Manholes Manhole intertion	EA	\$3,500	2	\$7,000
Manhole interties Additional/Replacement Catch Basins	EA EA	\$4,500 \$1,800	2	\$4,500 \$3,600
Additional 10" pipe to tie in catch basins	LF	\$1,800	60	\$2,940
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	300	\$9,000
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	300	\$1,800
Traffic Control	LF	\$2	300	\$600
Sum				\$406,078
Mobilization	%	5%		\$20,300
Total Construction Costs	/0	070		\$426,378
Contingency	%	20%		\$85,276
Engineering	%	15%		\$63,957
Evergreen to Norpac Subtotal				\$575,600

Item	Unit	Unit Price	Estimated Quantity	Cost (Rounded)
3rd and Jefferson to Library Detention				
Jefferson to Virginia on 3rd Ave				
Parllel 18" Storm Water Pipe	LF	\$70	550	\$38,500
Manholes	EA	\$3,500	2	\$7.000
Manhole interties	EA	\$4,500	2	\$9,000
Additional/Replacement Catch Basins	EA	\$1,800	12	\$21,600
Additional 10" pipe to tie in catch basins	LF	\$49	360	\$17,640
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	550	\$16,500
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities Traffic Control	LF LF	\$6 \$2	550 550	\$3,300 \$1,100
3rd Ave to 2nd Ave on Virginia	LF	Φ2	550	\$1,100
Parllel 18" Storm Water Pipe	LF	\$70	275	\$19,250
Manholes	EA	\$3,500	1	\$3,500
Manhole interties	EA	\$4,500	1	\$4,500
Additional/Replacement Catch Basins	EA	\$1,800	4	\$7,200
Additional 10" pipe to tie in catch basins	LF	\$49	120	\$5,880
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	275	\$8,250
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	275	\$1,650
Traffic Control	LF	\$2	275	\$550
Virginia to Marion Ave on 2nd Ave		A		
Parallel 18" Storm Water Pipe	LF	\$70	525	\$36,750
Manholes	EA	\$3,500	1	\$3,500
Manhole interties	EA	\$4,500	1	\$4,500
Additional/Replacement Catch Basins	EA LF	\$1,800 \$49	4 120	\$7,200 \$5,880
Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill	LF	\$49	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	525	\$15,750
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	525	\$3,150
Traffic Control	LF	\$2	525	\$1,050
6th to 2nd on Marion Ave				
Single 18" Storm Water Pipe	LF	\$70	1,155	\$80,850
Manholes	EA	\$3,500	5	\$17,500
Manhole interties	EA	\$4,500	1	\$4,500
Additional/Replacement Catch Basins	EA	\$1,800	16	\$28,800
Additional 10" pipe to tie in catch basins	LF	\$49	480	\$23,520
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	1,155	\$34,650
Pavement Repair- Full Lane Utilities	LF LF	\$52 \$6	0 1,155	\$0 \$6,930
Traffic Control	LF	\$2	1,155	\$2,310
Salem Ditch to Marion on 6th	LI	Ψ2	1,133	ψ2,310
Regrade Gutters	LF	\$12	266	\$3,192
Gutter grates	LF	\$30	266	\$7,980
Abandon Existing Stormlines	LF	\$10	266	\$2,660
Additional/Replacement Catch Basins	EA	\$1,800	2	\$3,600
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	266	\$7,980
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	266	\$1,596
Traffic Control	LF	\$2	266	\$532
Salem Ditch to Marion on 5th				
Regrade Gutters	LF	\$12	263	\$3,156
Gutter grates	LF	\$30	263	\$7,890
Abandon Existing Stormlines	LF	\$10	263	\$2,630
Additional/Replacement Catch Basins Additional cost for Control Density Backfill	EA LF	\$1,800 \$40	0	\$3,600 \$0
Pavement Repair- 1/2 lane	LF	\$40	263	\$7,890
Pavement Repair- 1/2 lane Pavement Repair- Full Lane	LF	\$50 \$52	0	\$0
Utilities	LF	\$6	263	\$1,578
Traffic Control	LF	\$2	263	\$526
Salem Ditch to Marion on 4th	-1	ΨΔ	200	4020
Regrade Gutters	LF	\$12	250	\$3,000
Gutter grates	LF	\$30	250	\$7,500
Abandon Existing Stormlines	LF	\$10	250	\$2,500
Additional/Replacement Catch Basins	EA	\$1,800	2	\$3,600

ltem	Unit	Unit Price	Estimated	Cost (Rounded)
			Quantity	
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane Pavement Repair- Full Lane	LF LF	\$30 \$52	250 0	\$7,500 \$0
Utilities	LF	\$6	250	\$1,500
Traffic Control	LF	\$2	250	\$500
Salem Ditch to Marion on 3rd		040	000	DO 100
Regrade Gutters Gutter grates	LF LF	\$12 \$30	200 200	\$2,400 \$6,000
Abandon Existing Stormlines	LF	\$10	200	\$2,000
Additional/Replacement Catch Basins	EA	\$1,800	2	\$3,600
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	200	\$6,000
Pavement Repair- Full Lane Utilities	LF LF	\$52 \$6	200	\$0 \$1,200
Traffic Control	LF	\$2	200	\$400
Salem Ditch to Marion on 2nd		-	= 1 1	¥ 133
Regrade Gutters	LF	\$12	160	\$1,920
Gutter grates	LF	\$30	160	\$4,800
Abandon Existing Stormlines Additional/Replacement Catch Basins	LF EA	\$10 \$1,800	160 2	\$1,600 \$3,600
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	160	\$4,800
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities Tarffic October	LF	\$6	160	\$960
Traffic Control Salem Ditch to Marion on 1st	LF	\$2	160	\$320
Regrade Gutters	LF	\$12	60	\$720
Gutter grates	LF	\$30	60	\$1,800
Abandon Existing Stormlines	LF	\$10	60	\$600
Additional/Replacement Catch Basins	EA	\$1,800	2	\$3,600
Additional cost for Control Density Backfill Pavement Repair- 1/2 lane	LF LF	\$40 \$30	60 60	\$2,400 \$1,800
Pavement Repair- 1/2 lane	LF	\$52	0	\$0
Utilities	LF	\$6	60	\$360
Traffic Control	LF	\$2	60	\$120
Virginia to Marion Ave on 2nd Ave Parallel 18" Storm Water Pipe	1.5	Ф 7 О	505	MOC 750
Manholes	LF EA	\$70 \$3,500	525 1	\$36,750 \$3,500
Manhole interties	EA	\$4,500	1	\$4,500
Additional/Replacement Catch Basins	EA	\$1,800	4	\$7,200
Additional 10" pipe to tie in catch basins	LF	\$49	120	\$5,880
Additional cost for Control Density Backfill Pavement Repair- 1/2 lane	LF LF	\$40 \$30	0 525	\$0
Pavement Repair- 1/2 lane Pavement Repair- Full Lane	LF	\$50 \$52	0	\$15,750 \$0
Utilities	LF	\$6	525	\$3,150
Traffic Control	LF	\$2	525	\$1,050
Stayton Christian School to Marion on 1st Ave	1	٨٥٥	4.440	CC0 4CC
Parallel 12" Storm Water Pipe Manholes	LF EA	\$56 \$3,500	1,110	\$62,160 \$17,500
Manhole interties	EA	\$4,500	5 5	\$22,500
Additional/Replacement Catch Basins	EA	\$1,800	16	\$28,800
Additional 10" pipe to tie in catch basins	LF	\$49	480	\$23,520
Additional cost for Control Density Backfill	LF	\$40	1,110	\$44,400
Pavement Repair- 1/2 lane Pavement Repair- Full Lane	LF LF	\$30 \$52	0 1,110	\$0 \$57,720
Utilities	LF	\$6	1,110	\$6,660
Traffic Control	LF	\$2	1,110	\$2,220
2nd Ave to Library Detention on Marion				
Parallel 18" Storm Water Line	LF	\$70	600	\$42,000
Parallel 24" Storm Water Line Bore under 1st Ave	LF LF	\$115 \$500	600 60	\$69,000 \$30,000
Manholes	EA	\$3,500	8	\$28,000
Manhole interties	EA	\$4,500	5	\$22,500
Additional/Replacement Catch Basins	EA	\$1,800	8	\$14,400
Additional 10" pipe to tie in catch basins	LF	\$49	240	\$11,760
Additional cost for Control Density Backfill Pavement Repair- 1/2 lane	LF LF	\$40 \$30	60 600	\$2,400 \$18,000
Pavement Repair- 1/2 lane Pavement Repair- Full Lane	LF	\$50 \$52	0	\$0
Utilities	LF	\$6	600	\$3,600
Traffic Control	LF	\$2	600	\$1,200
Library Detention Facility				

			Estimated	
Item	Unit	Unit Price	Quantity	Cost (Rounded)
Land Acquisition	AC	\$20,000	0	\$0
Manholes	EA	\$3,500	3	\$10,500
Manhole Monitoring Equipment	EA	\$9,200	1	\$9,200
Manhole interties	EA	\$4,500	1	\$4,500
Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins	EA LF	\$1,800 \$49	<u>2</u> 60	\$3,600 \$2,940
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	0	\$0
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	20	\$120
Traffic Control	LF	\$2	0	\$0
Excavation	CY	\$15	5,808	\$87,120
Inlet structure	EA	\$6,000	1	\$6,000
Outlet control structure	EA	\$7,500	1	\$7,500
Outfall Piping - 15"	LF	\$63	80	\$5,040
Landscaping	SF	\$1	87,120	\$82,764
Subsurface Drainage	AC	\$75,000	1.5	\$112,500
Cum	_			¢1 402 074
Sum Mobilization	%	5%		\$1,492,074 \$74,600
Total Construction Costs	70	370		\$1,566,674
Contingency	%	20%		\$313,335
Engineering & Legal	%	15%		\$235,001
3rd and Jefferson to Library Subtotal	70	, .		\$2,115,000
				. , .,
Mill Stream Woods to Norpac SW Detention Site on Ida				
Mill Stream Woods to Norpac SW Detention Site on Ida				
Single 24" Line	LF	\$115	4,076	\$468,740
Manholes	EA	\$3,500	15	\$52,500
Manhole interties	EA	\$4,500	11	\$49,500
Additional/Replacement Catch Basins	EA	\$1,800	46	\$82,800
Additional 10" pipe to tie in catch basins	LF	\$49	1,380	\$67,620
Additional cost for Control Density Backfill	LF LF	\$40	60	\$2,400
Pavement Repair- 1/2 lane Pavement Repair- Full Lane	LF	\$30	4,076 0	\$122,280 \$0
Utilities	LF	\$52 \$6	4,076	\$24,456
Traffic Control	LF	\$2	4,076	\$8,152
Bore under 1st Ave	LF	\$500	60	\$30,000
Salem Ditch to Ida on 4th Ave		4000	- 00	400,000
Regrade Gutters	LF	\$12	200	\$2,400
Gutter grates	LF	\$30	200	\$6,000
Abandon Existing Stormlines	LF	\$10	200	\$2,000
Additional/Replacement Catch Basins	EA	\$1,800	0	\$0
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	200	\$6,000
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities Tariffic October	LF	\$6	200	\$1,200
Traffic Control 3rd and High to 3rd and Ida	LF	\$2	200	\$400
Regrade Gutters	LF	\$12	241	\$2,892
Gutter grates	LF	\$30	241	\$7,230
Abandon Existing Stormlines	LF	\$10	241	\$2,410
Additional/Replacement Catch Basins	EA	\$1,800	0	\$0
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	241	\$7,230
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	241	\$1,446
Traffic Control	LF	\$2	241	\$482
2nd and High to 2nd and Ida				
Regrade Gutters	LF	\$12	270	\$3,240
Gutter grates	LF	\$30	270	\$8,100
Abandon Existing Stormlines	LF	\$10	270	\$2,700
Additional/Replacement Catch Basins Additional cost for Control Density Backfill	EA LF	\$1,800 \$40	0	\$0 \$0
Pavement Repair- 1/2 lane	LF	\$40	0 270	\$8,100
Pavement Repair- 1/2 lane Pavement Repair- Full Lane	LF	\$50 \$52	0	\$0,100
Utilities	LF	\$6	270	\$1,620
Traffic Control	LF	\$2	270	\$540
1st and High to 1st and Ida			_, _	1
Regrade Gutters	LF	\$12	330	\$3,960
Gutter grates	LF	\$30	330	\$9,900
				•

Abandon Existing Stormlines Additional/Replacement Catch Basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control 3rd and Water to 3rd and Ida Single 15" Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control	LF EA LF LF LF LF EA EA EA LF LF	\$10 \$1,800 \$40 \$30 \$52 \$6 \$2 \$3,500 \$4,500 \$1,800 \$49 \$40	330 0 0 330 0 330 330 330 518 2 0 8	\$3,300 \$0 \$0 \$9,900 \$1,980 \$660 \$32,634 \$7,000 \$0 \$14,400
Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control 3rd and Water to 3rd and Ida Single 15" Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	LF LF LF LF EA EA LF LF	\$40 \$30 \$52 \$6 \$2 \$63 \$3,500 \$4,500 \$1,800 \$49	0 330 0 330 330 518 2 0	\$0 \$9,900 \$0 \$1,980 \$660 \$32,634 \$7,000 \$0
Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control 3rd and Water to 3rd and Ida Single 15" Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	LF LF LF LF EA EA EA LF LF	\$30 \$52 \$6 \$2 \$63 \$3,500 \$4,500 \$1,800 \$49	330 0 330 330 330 518 2 0	\$9,900 \$0 \$1,980 \$660 \$32,634 \$7,000 \$0
Pavement Repair- Full Lane Utilities Traffic Control 3rd and Water to 3rd and Ida Single 15" Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	LF LF EA EA LF LF LF	\$52 \$6 \$2 \$63 \$3,500 \$4,500 \$1,800 \$49	0 330 330 518 2 0 8	\$0 \$1,980 \$660 \$32,634 \$7,000 \$0
Utilities Traffic Control 3rd and Water to 3rd and Ida Single 15" Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	LF LF EA EA LF LF	\$6 \$2 \$63 \$3,500 \$4,500 \$1,800 \$49	330 330 518 2 0 8	\$1,980 \$660 \$32,634 \$7,000 \$0
Traffic Control 3rd and Water to 3rd and Ida Single 15" Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 Iane Pavement Repair- Full Lane Utilities	LF EA EA LF LF LF	\$2 \$63 \$3,500 \$4,500 \$1,800 \$49	330 518 2 0 8	\$660 \$32,634 \$7,000 \$0
3rd and Water to 3rd and Ida Single 15" Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 Iane Pavement Repair- Full Lane Utilities	LF EA EA LF LF	\$63 \$3,500 \$4,500 \$1,800 \$49	518 2 0 8	\$32,634 \$7,000 \$0
Single 15" Line Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	EA EA LF LF	\$3,500 \$4,500 \$1,800 \$49	2 0 8	\$7,000 \$0
Manholes Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	EA EA LF LF	\$3,500 \$4,500 \$1,800 \$49	2 0 8	\$7,000 \$0
Manhole interties Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	EA EA LF LF	\$4,500 \$1,800 \$49	0	\$0
Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	EA LF LF	\$1,800 \$49	8	
Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	LF LF LF	\$49		1314.400
Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	LF LF			\$11,760
Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	LF	Ψ10	0	\$0
Pavement Repair- Full Lane Utilities		\$30	518	\$15,540
Utilities		\$52	0	\$0
	LF	\$6	518	\$3,108
	LF	\$2	518	\$1,036
2nd and Water to 2nd and Ida		Ψ-	210	7 .,000
Single 15" Line	LF	\$63	350	\$22,050
Manholes	EA	\$3,500	2	\$7,000
Manhole interties	EA	\$4,500	0	\$0
Additional/Replacement Catch Basins	EA	\$1,800	7	\$12,600
Additional 10" pipe to tie in catch basins	LF	\$49	210	\$10,290
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	350	\$10,500
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	350	\$2,100
Traffic Control	LF	\$2	350	\$700
1st and Florence to 1st and Ida				
Single 15" Line	LF	\$63	250	\$15,750
Manholes	EΑ	\$3,500	2	\$7,000
Manhole interties	EΑ	\$4,500	0	\$0
Additional/Replacement Catch Basins	EΑ	\$1,800	6	\$10,800
Additional 10" pipe to tie in catch basins	LF	\$49	180	\$8,820
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	250	\$7,500
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	250	\$1,500
Traffic Control	LF	\$2	250	\$500
Norpac SW Detention Site				
Land Acquisition	AC	\$20,000	1	\$20,000
Manholes	EΑ	\$3,500	2	\$7,000
Manhole Monitoring Equipment	EA	\$9,200	1	\$9,200
Manhole interties	EΑ	\$4,500	0	\$0
Additional/Replacement Catch Basins	EA	\$1,800	2	\$3,600
Additional 10" pipe to tie in catch basins	LF	\$49	60	\$2,940
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Utilities	LF	\$6	20	\$120
Traffic Control	LF	\$2	0	\$0
Excavation	CY	\$15	3,230	\$48,450
Inlet structure	EA	\$6,000	1	\$6,000
Outlet control structure	EA	\$7,500	1	\$7,500
Outfall Piping - 15"	LF	\$63	20	\$1,260
Landscaping	SF	\$1	87,120	\$82,764
Sum				\$1,393,560
Mobilization	%	5%		\$69,700
Total Construction Costs				\$1,463,260
Contingency	%	20%		\$292,652
Engineering	%	15%		\$219,489
Mill Stream Woods to Norpac SW Dtn Site Subtotal				\$1,975,400

ltem	Unit	Unit Price	Estimated	Cost (Rounded)
Sulvan Mandawa Subdivision Improvements			Quantity	
Sylvan Meadows Subdivision Improvements From MH in Walking Path to Detn. Pond				
Parallel 12" Storm Water Line	LF	\$56	250	\$14,000
Manholes	EA	\$3,500	3	\$10,500
Manhole Monitoring Equipment	EA	\$9,200	1	\$9,200
Manhole interties	EΑ	\$4,500	2	\$9,000
Surveying	EA	\$2,000	1	\$2,000
Detention Area and Elevation Work	CY	\$15	300	\$4,500
Utilities Landscaping	LF SF	\$6 \$1	250 250	\$1,500 \$238
Lanuscaping	SF	ФТ	250	Φ230
Sum				\$50.938
Mobilization	%	5%		\$2,500
Total Construction Costs	,,,	0,70		\$53,438
Contingency	%	20%		\$10,688
Engineering	%	15%		\$8,016
Sylvan Meadows Subdivision Subtotal				\$72,100
Gardner Road-Regis High School Improvements				
Locust Street to Gardner		405	225	ΦΕΟ 400
Single 15" Storm Water Line	LF	\$63	800	\$50,400
Manholes Manhole interties	EA	\$3,500 \$4,500	1	\$7,000 \$4,500
Additional/Replacement Catch Basins	EA	\$4,500	7	\$4,500 \$12,600
Additional 10" pipe to tie in catch basins	LF	\$49	210	\$10,290
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	800	\$24,000
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	800	\$4,800
Traffic Control	LF	\$2	800	\$1,600
Gardner to Western Place				
Parallel 18" Storm Water Line	LF	\$70	1,600	\$112,000
Manholes	EA	\$3,500	5	\$18,667
Manhole interties	EA	\$4,500	5	\$22,500
Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins	EA LF	\$1,800 \$49	16 480	\$28,800 \$23,520
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	1,600	\$48,000
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	1,600	\$9,600
Traffic Control	LF	\$2	1,600	\$3,200
Western Place to Regis				
Prallel 24" Storm Water Line	LF	\$115	300	\$34,500
Manholes	EA	\$3,500	2	\$7,000
Manhole interties	EA	\$4,500	2	\$9,000
Additional Additional 10" pine to the inceptable paging	EA	\$1,800	2	\$3,600
Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill	LF LF	\$49 \$40	60 0	\$2,940 \$0
Pavement Repair- 1/2 lane	LF	\$30	300	\$9,000
Pavement Repair- 1/2 lane Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	300	\$1,800
Traffic Control	LF	\$2	300	\$600
Sum				\$449,917
Mobilization	%	5%		\$22,500
Total Construction Costs	1			\$472,417
Contingency	%	20%		\$94,483
Engineering	%	15%		\$70,863
Gardner Road-Regis High School Subtotal	+			\$637,800
Wedgewood Place Improvements				
Wilshire Drive				
Parallel 24" Storm Water Line	LF	\$115	1,050	\$120,750
Manholes Manholes	EA	\$3,500	2	\$7,000
Manhole interties	EΑ	\$4,500	2	\$9,000
Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins	EA LF	\$1,800 \$49	3	\$5,400
Additional to pipe to tie in catch basins		Ф49	0	\$0

ltem	Unit	Unit Price	Estimated Quantity	Cost (Rounded)
Additional cost for Control Density Backfill	LF	\$40	750	\$30,000
Pavement Repair- 1/2 lane	LF	\$30	750	\$22,500
Pavement Repair- Full Lane	LF	\$52	0	\$0
Landscaping	SF	\$1	300	\$285
Utilities	LF	\$6	1,050	\$6,300
Traffic Control	LF	\$2	750	\$1,500
Wedgewood Place-Wilco Road Parallel 30" Storm Water Line	LF	\$180	4.250	¢242.000
Manholes	EA	\$3,500	1,350 4	\$243,000 \$14,000
Manhole interties	EA	\$4,500	3	\$13,500
Additional/Replacement Catch Basins	EA	\$1,800	0	\$0
Additional 10" pipe to tie in catch basins	LF	\$49	0	\$0
Crossing of Wilco Road	LF	\$200	100	\$20,000
Pavement Repair- commercial area	LF	\$30	600	\$18,000
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	1,350	\$8,100
Landscaping	SF	\$1	300	\$285
Traffic Control	LF	\$2	0	\$0
Sum				\$519,620
Mobilization	%	5%		\$26,000
Total Construction Costs				\$545,620
Contingency	%	20%		\$109,124
Engineering	%	15%		\$81,843
Wedgewood Place Improvements Subtotal				\$736,600
Western Avenue Improvements Western Avenue-Westfield PI				
Parallel 15" Storm Water Line	LF	\$63	2,000	\$126,000
Manholes	EA	\$3,500	6	\$21,000
Manhole interties	EA	\$4,500	3	\$13,500
Additional/Replacement Catch Basins	EA	\$1,800	4	\$7,200
Additional 10" pipe to tie in catch basins	LF	\$49	50	\$2,450
Additional cost for Control Density Backfill	LF	\$40	1.700	\$68,000
Pavement Repair- 1/2 lane	LF	\$30	1,700	\$51,000
Pavement Repair- Full Lane	LF	\$52	0	\$0
Landscaping	SF	\$1	300	\$285
Utilities	LF	\$6	2,000	\$12,000
Traffic Control	LF	\$2	1,700	\$3,400
Western Place-Shaff Road				
Parallel 30" Storm Water Line	LF	\$180	700	\$126,000
Parallel 12" Storm Water Line	LF	\$56	650	\$36,400
Manholes	EA	\$3,500	5	\$17,500
Manhole interties	EA	\$4,500	2	\$9,000
Additional/Replacement Catch Basins	EA	\$1,800	2	\$3,600
Additional 10" pipe to tie in catch basins	LF	\$49	0	\$0
Pavement Repair- commercial area	LF	\$30	0	\$0
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	1,350	\$8,100
Landscaping	SF	\$1	1,350	\$1,283
Traffic Control	LS	\$10,000	1	\$10,000
Sum				\$516,718
Mobilization	%	5%		\$25,800
Total Construction Costs	0.1	0001		\$542,518
Contingency	%	20% 15%		\$108,504 \$81,378
Engineering Western Avenue Improvements Subtotal	70	1370		\$732,400
western Avenue improvements Subtotal				Φ13∠,400
Total Priority 3 Co	osts		<u> </u>	\$2,178,900

Item	Unit	Unit Price	Estimated Quantity	Cost (Rounded)
Library Improvements				
Librabry Improvements				
Singe 15" Storm Water Line	LF	\$63	350	\$22,050
Manholes	EA	\$3,500	2	\$7,000
Manhole interties	EA	\$4,500	0	\$0
Utilities	LF	\$6	350	\$2,100
Abandon Existing Storm Line	LF	\$10	350	\$3,500
Landscaping	SF	\$1	350	\$333
Sum				\$34,983
Mobilization	%	5%		\$1,700
Total Construction Costs				\$36,683
Contingency	%	20%		\$7,337
Engineering	%	15%		\$5,502
Library Subtotal				\$49,500
				φ ι σ,σσσ
1st Avenue Improvements				
1st Avenue Improvements				
Single 15" Storm Water Line	LF	\$63	425	\$26,775
Manholes	EΑ	\$3,500	1	\$3,500
Manhole interties	EA	\$4,500	2	\$9,000
Additional/Replacement Catch Basins	EA	\$1,800	0	\$0
Additional 10" pipe to tie in catch basins	LF	\$49	5	\$245
Additional cost for Control Density Backfill	LF	\$40	425	\$17,000
Pavement Repair- 1/2 lane	LF	\$30	0	\$0
Pavement Repair- Full Lane	LF	\$52	425	\$22,100
Utilities	LF	\$6	425	\$2,550
Abandon Existing Storm Line	LF	\$10	425	\$4,250
Traffic Control	LF	\$2	425	\$850
				
Sum				\$86,270
Mobilization	%	5%		\$4,300
Total Construction Costs	70	070		\$90,570
Contingency	%	20%		\$18,114
Engineering	%	15%		\$13,586
1st Avenue Subtotal	, ,	, .		\$122,300
				V. - 2,000
Washington Street Improvements				
Washington Street Detention Facility				
Land Acquisition	AC	\$20,000	2	\$30,000
Manholes	EA	\$3,500	3	\$10,500
Manhole Monitoring Equipment	EA	\$9,200	1	\$9,200
Manhole interties	EA	\$4,500	1	\$4,500
Additional/Replacement Catch Basins	EA	\$1,800	0	\$0
Additional 10" pipe to tie in catch basins	LF	\$49	0	\$0
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	0	\$0
Pavement Repair - Full Lane	LF	\$52	0	\$0
Utilities	LS	\$2,500	1	\$2,500
Guilues	LO	ΨΖ,300	ı	Ψ2,000

Item	Unit	Unit Price	Estimated Quantity	Cost (Rounded)
Traffic Control	LS	\$1,500	1	\$1,500
Excavation	CY	\$15	2,420	\$36,300
Inlet structure	EA	\$6,000	1	\$6,000
Outlet control structure	EA	\$7,500	1	\$7,500
Outfall Piping - 12"	LF	\$63	80	\$5,040
Landscaping	SF	\$1	21,780	\$20,691
End of Pipe Water Quality Treatment	LS	\$25,000	1	\$25,000
Sum				\$158,731
Mobilization	%	5%		\$7,900
Total Construction Costs	, ,	0,0		\$166,631
Contingency	%	15%		\$24,995
Engineering	%	15%		\$24,995
Washington Street Improvements Subtotal				\$216,600
N. Peach Avenue Improvements				
N. Peach Avenue Improvements				
Single 18" Storm Water Line	LF	\$70	525	\$36,750
Manholes	EA	\$3,500	1	\$3,500
Manhole interties	EA	\$4,500	1	\$4,500
Additional/Replacement Catch Basins	EA	\$1,800	2	\$3,600
Additional 10" pipe to tie in catch basins	LF	\$49	20	\$980
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	0	\$0
Pavement Repair- Full Lane	LF	\$52	0	\$0
Landscaping	SF	\$1	525	\$499
Utilities	LF	\$6	525	\$3,150
Abandon Existing Storm Line	LF	\$10	525	\$5,250
Traffic Control	LF	\$2	0	\$0
Sum				\$58,229
Mobilization	%	5%		\$2,900
Total Construction Costs				\$61,129
Contingency	%	20%		\$12,226
Engineering	%	15%		\$9,169
Peach Avenue Improvements Subtotal				\$82,500
Total Priority 4 Costs				\$470,900

Stayton Storm Water Master Plan Future Improvements

Item	Unit	Unit Price	Estimated Quantity	Cost (Rounded
cific Court Improvements Pacific Court Improvements				
Single 24" Storm Water Line	LF	\$115	1,000	\$115,000
Manholes	EA	\$3	1	\$3
Manhole interties	EA	\$4,500	0	\$0
Additional/Replacement Catch Basins	EA	\$1,800	3	\$5,400
Additional 10" pipe to tie in catch basins	LF	\$49	60	\$2,940
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	1,000	\$30,000
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	1,000	\$6,000
Traffic Control	LF SF	\$2 \$1	1,000	\$2,000
Landscaping	LF	\$10	300	\$285
Abandon Existing Storm Line Underground Detention Facility	EA	\$75.000	1,000	\$10,000 \$75,000
Oriderground Determion Facility	LA	\$75,000	'	\$73,000
Sum				\$246,628
Mobilization	%	5%		\$12,300
Total Construction Costs	70	070		\$258,928
Contingency	%	20%		\$51,786
Engineering	%	15%		\$38,839
Pacific Court Subtotal	,,,	1070		\$349,600
				ψο .ο,οοο
rn Ridge Street Area Improvements				
Fern Ridge Street				
Parallel 15" Storm Water Line	LF	\$63	400	\$25,200
Parallel 18" Storm Water Line	LF	\$70	950	\$66,500
Manholes	EA	\$3,500	1	\$3,500
Manhole interties	EA	\$4,500	3	\$13,500
Additional/Replacement Catch Basins	EA	\$1,800	5	\$9,000
Additional 10" pipe to tie in catch basins	LF	\$49	100	\$4,900
Additional cost for Control Density Backfill	LF	\$40	1,350	\$54,000
Pavement Repair- 1/2 lane	LF	\$30	1,350	\$40,500
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	1,350	\$8,100
Traffic Control	LF	\$2	1,350	\$2,700
Pipelines North of Fern Ridge				
Parallel 15" Storm Water Line	LF	\$525	400	\$210,000
Manholes	EA	\$3,500	1	\$3,500
Manhole interties	EA	\$4,500	1	\$4,500
Additional/Replacement Catch Basins	EA	\$1,800	0	\$0
Additional 10" pipe to tie in catch basins	LF	\$49	0	\$0
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	0	\$0
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	400	\$2,400
Traffic Control	LF	\$2	400	\$800
Pipelines South of Fern Ridge		0445	4.500	0547.500
Storm Water Line Manholes	LF EA	\$115 \$3,500	4,500 11	\$517,500 \$39,375
	EA	\$3,500		\$39,373
Fern Ridge Detention Facility Land Acquisition		\$20,000	2	\$30,000
	Λ.			
	AC EA			
Manholes	EA	\$3,500	1	\$3,500
Manholes Manhole interties	EA EA	\$3,500 \$4,500	1 0	\$0
Manholes Manhole interties Manhole Monitoring Equipment	EA EA	\$3,500 \$4,500 \$9,200	1 0 1	\$0 \$9,200
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins	EA EA EA	\$3,500 \$4,500 \$9,200 \$1,800	1 0 1 0	\$0 \$9,200 \$0
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10° pipe to tie in catch basins	EA EA EA LF	\$3,500 \$4,500 \$9,200 \$1,800 \$49	1 0 1 0 0	\$0 \$9,200 \$0 \$0
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill	EA EA EA	\$3,500 \$4,500 \$9,200 \$1,800	1 0 1 0	\$0 \$9,200 \$0 \$0 \$0
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane	EA EA EA LF LF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30	1 0 1 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill	EA EA EA LF LF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40	1 0 1 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10* pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities	EA EA EA LF LF LF LF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500	1 0 1 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10° pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control	EA EA EA LF LF LF LF LS	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500	1 0 1 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Manholes Manhole Interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10° pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation	EA EA EA LF LF LF LS CY	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$330 \$52 \$2,500 \$1,500 \$15	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10° pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control	EA EA EA LF LF LF LF LS	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500	1 0 1 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10* pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure	EA EA EA LF LF LF LF LS CY	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$6,000	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10* pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure	EA EA EA LF LF LF LS CY EA EA	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$6,000	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole Interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outfall Piping - 12"	EA EA EA LF LF LS CY EA LF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$63	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10* pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlall Piping - 12* Landscaping	EA EA EA LF LF LS CY EA LF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$63	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlall Piping - 12" Landscaping	EA EA EA LF LF LS CY EA LF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$63	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outfall Piping - 12" Landscaping Sum Mobilization	EA EA EA LF LF LF LS CY EA EA EA SF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$62 \$2,500 \$1,500 \$1,500 \$6,000 \$7,500 \$63 \$1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlet Control excavation Utility Structure Outlal Piping - 12" Landscaping Sum Mobilization Total Construction Costs	EA EA EA LF LF LF LS CY EA EA EA SF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$62 \$2,500 \$1,500 \$1,500 \$6,000 \$7,500 \$63 \$1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10* pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outfall Piping - 12* Landscaping Sum Mobilization Total Construction Costs Contingency	EA EA EA LF LF LF LS CY EA LF SF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$6,000 \$7,500 \$63 \$1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10° pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlat Piping - 12° Landscaping Sum Mobilization Total Construction Costs Contingency Engineering	EA EA EA LF LF LF LS CY EA EA EA %	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$7,500 \$63 \$1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlet control structure Outlall Piping - 12" Landscaping Sum Mobilization Total Construction Costs Contingency Engineering Fern Ridge Street Area Subtotal	EA EA EA LF LF LF LS CY EA EA EA %	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$7,500 \$63 \$1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlet control structure Outlal Piping - 12" Landscaping Sum Mobilization Total Construction Costs Contingency Engineering Fern Ridge Street Area Subtotal pipelines Dipelines	EA EA EA LF LF LF LS CY EA EA EA W %	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$6,000 \$7,500 \$63 \$1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlall Piping - 12" Landscaping Sum Mobilization Total Construction Costs Contingency Eengineering Fern Ridge Street Area Subtotal pipelines Storm Water Line	EA EA EA LF LF LF LS CY EA EA EA EA LF LF LF LF LS SF	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$6,000 \$7,500 \$63 \$1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 43,560	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlet control structure Outlet longroup 12" Landscaping Sum Mobilization Total Construction Costs Contingency Engineering Fern Ridge Street Area Subtotal Stephines Storm Water Line Manholes	EA EA EA LF LF LF LS CY EA EA EA W %	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$6,000 \$7,500 \$63 \$1	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10° pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlet control structure Outlal Piping - 12° Landscaping Sum Mobilization Total Construction Costs Contingency Engineering Fern Ridge Street Area Subtotal Suzler Property Improvements Dipelines Storm Water Line Manholes Dozler Detention Facility	EA EA EA EA LF LF LF LS CY EA EA K K K K K K K K K K K K K K K K K	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$1,500 \$7,500 \$6,000 \$7,500 \$15 \$6,000 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,500 \$1,	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10° pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlet control structure Outlal Piping - 12° Landscaping Sum Mobilization Total Construction Costs Contingency Engineering Fern Ridge Street Area Subtotal szler Property Improvements Pipelines Storm Water Line Manholes Dozler Detention Facility Land Acquisition	EA EA EA EA LF LF LF LS CY EA EA EA EA LF LF LF LS CY EA EA EA AC AC	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$6,000 \$7,500 \$63 \$1 \$1 \$20% \$15% \$3,500 \$3,500 \$3,500 \$3,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,5	1 0 1 0 0 0 0 0 0 0 0 6,450 1 1 0 43,560	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10" pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlet control structure Outlall Piping - 12" Landscaping Sum Mobilization Total Construction Costs Contingency Engineering Fern Ridge Street Area Subtotal sizeler Property Improvements Dipelines Storm Water Line Manholes Dozler Detention Facility Land Acquisition Excavation	EA EA EA LF LF LF LF LS CY EA EA EA EA CY EA CY EA CY EA CY CY EA CY EA CY CY EA CY EA CY EA CY EA CY CY EA CY CY EA CY CY EA CY	\$3,500 \$4,500 \$9,200 \$1,800 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$6,000 \$7,500 \$63 \$1 \$1 \$20% \$15% \$3,500	1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 43,560 43,560	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Manholes Manhole interties Manhole Monitoring Equipment Additional/Replacement Catch Basins Additional 10° pipe to tie in catch basins Additional cost for Control Density Backfill Pavement Repair- 1/2 lane Pavement Repair- Full Lane Utilities Traffic Control Excavation Inlet structure Outlet control structure Outlet control structure Outlal Piping - 12° Landscaping Sum Mobilization Total Construction Costs Contingency Engineering Fern Ridge Street Area Subtotal szler Property Improvements Pipelines Storm Water Line Manholes Dozler Detention Facility Land Acquisition	EA EA EA EA LF LF LF LS CY EA EA EA EA LF LF LF LS CY EA EA EA AC AC	\$3,500 \$4,500 \$9,200 \$1,800 \$49 \$40 \$30 \$52 \$2,500 \$1,500 \$15 \$6,000 \$7,500 \$63 \$1 \$1 \$20% \$15% \$3,500 \$3,500 \$3,500 \$3,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,500 \$4,5	1 0 1 0 0 0 0 0 0 0 0 6,450 1 1 0 43,560	\$0 \$9,200 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$

Stayton Storm Water Master Plan Future Improvements

ltem	Unit	Unit Price	Estimated Quantity	Cost (Rounded)
Outlet control structure	EA	\$7,500	1	\$7,500
Outfall Piping - 12"	LF	\$63	100	\$6,300
Landscaping	SF	\$1	30,000	\$28,500
Sum				\$522,675
Mobilization	%	5%		\$26,100
Total Construction Costs		0.007		\$548,775
Contingency	%	20%		\$109,755 \$82,316
Engineering	70	15%		\$740,800
Dozler Property Area Subtotal				\$740,800
Phillips Property Area Improvements				
Detention Swale Detention Swale	LF	\$150	2,500	\$375,000
Landscaping	LF	\$100	2,500	\$250,000
Easements	LF	\$50	2,500	\$125,000
Pipelines		ΨΟΟ	2,000	ψ120,000
Parallel 42" Storm Water Line	LF	\$218	350	\$76,300
Parallel 36" Storm Water Line	LF	\$200	350	\$70,000
Single 30" Storm Water Line	LF	\$180	2,600	\$468,000
Manholes	EA	\$3,500	11	\$38,500
Manhole interties	EA	\$4,500	0	\$0
Additional/Replacement Catch Basins	EA	\$1,800	0	\$0
Additional 10" pipe to tie in catch basins	LF	\$49	0	\$0
Additional cost for Control Density Backfill	LF	\$40	0	\$0
Pavement Repair- 1/2 lane	LF	\$30	0	\$0
Pavement Repair- Full Lane	LF	\$52	0	\$0
Utilities	LF	\$6	400	\$2,400
Traffic Control	LF	\$2	0	\$0
Sum				\$1,405,200
Mobilization	%	5%		\$70,300
Total Construction Costs				\$1,475,500
Contingency	%	20%		\$295,100
Engineering	%	15%		\$221,325
Phillips Property Area Subtotal				\$1,991,900
Detention Facilities				
Potential Regional Detention Facility	EA	\$600,000	4	\$2,400,000
Sum				\$2,400,000
Mobilization	%	5%		\$120,000
Total Construction Costs	%	5%		\$2,520,000
Contingency	%	20%		\$504,000
Engineering	%	15%		\$378,000
Future Detention Facilities Subtotal	70	1070		\$3,402,000
Jpsize Pipelines				
Future Pipelines	LF	£440	8,500	\$00E 000
Storm Water Line upsize ("30 over 18") Manholes	EA	\$110 \$3,500	_	\$935,000
warillotes	EA	φυ,300	21	\$74,375
Sum	-			\$1,009,375
Mobilization	%	5%		\$50,500
Total Construction Costs	/0	070		\$1,059,875
Contingency	%	20%		\$211,975
Engineering	%	15%		\$158,981
Future Pipeline Subtotal				\$1,430,800
arch Avenue Improvements				
Larch Avenue Improvements				
Single 15" Storm Water Line	LF	\$63	525	\$33,075
Manholes	EA	\$3,500	1	\$3,500
Manhole interties	EA	\$4,500	1	\$4,500
Additional/Replacement Catch Basins	EA	\$1,800	2	\$3,600
Additional 10" pipe to tie in catch basins	LF	\$49	20	\$980
Additional cost for Control Density Backfill	LF LF	\$40	525	\$21,000
Pavement Repair - 1/2 lane		\$30	525	\$15,750
Pavement Repair- Full Lane Utilities	LF LF	\$52 \$6	0 525	\$0
	LF	\$6 \$10	525 525	\$3,150 \$5,250
Abandon Existing Storm Line Traffic Control	LF	\$10	525 525	\$5,250
Hallic Cultiful	ഥ	ΨZ	525	\$1,050
Sum	-			\$91,855
Mobilization Sum	%	5%		\$4,600
Total Construction Costs	70	370		\$4,600
Contingency	%	20%		\$19,291
Engineering	%	15%		\$14,468
	- / -	. 370		\$130,200
Larch Avenue Improvements Subtotal				
Larch Avenue improvements Subtotai				
Total Future Co				\$9,746,700