

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH ENGLEWOOD				
SEGMENT: S1 - SOUTH PLATTE RIVER TO NAVAJO ST				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
2-9'x7' RCBC (Precast)	2176	LF	\$954	\$2,075,000
12'x7' RCBC (Precast)	1906	LF	\$1,229	\$2,342,000
Removal of Pipe (92" dia.)	1854	LF	\$54	\$99,000
Removal of Pipe (78" dia.)	1140	LF	\$54	\$61,000
Removal of Manhole	3	EA	\$931	\$3,000
Removal of Asphalt Mat	6078	SY	\$7	\$43,000
Asphalt Patching/Paving	6078	SY	\$26	\$158,000
Manhole Special (Large Junction Box)	2	EA	\$46,759	\$94,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$4,875,000
MOBILIZATION			10%	\$488,000
DEWATERING			5%	\$244,000
TRAFFIC CONTROL			10%	\$488,000
UTILITY COORDINATION/RELOCATION			10%	\$488,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$244,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$1,952,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$6,827,000
CONTINGENCIES			25%	\$1,707,000
ENGINEERING DESIGN SERVICES			15%	\$1,024,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$341,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$683,000
SUBTOTAL FOR OTHER COSTS:				\$3,755,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$10,582,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH ENGLEWOOD				
SEGMENT: S1 - SOUTH PLATTE RIVER TO NAVAJO ST				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
3-10'x7' RCBC (Precast)	3264	LF	\$1,052	\$3,434,000
2-12'x7' RCBC (Precast)	3812	LF	\$1,229	\$4,685,000
Removal of Pipe (92" dia.)	1854	LF	\$54	\$99,000
Removal of Pipe (78" dia.)	1140	LF	\$54	\$61,000
Removal of Manhole	3	EA	\$931	\$3,000
Removal of Asphalt Mat	11068	SY	\$7	\$77,000
Asphalt Patching/Paving	11068	SY	\$26	\$288,000
Manhole Special (Large Junction Box)	2	EA	\$46,759	\$94,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$8,741,000
MOBILIZATION			10%	874,000
DEWATERING			5%	437,000
TRAFFIC CONTROL			10%	874,000
UTILITY COORDINATION/RELOCATION			10%	874,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	437,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				3,496,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				12,237,000
CONTINGENCIES			25%	3,059,000
ENGINEERING DESIGN SERVICES			15%	1,836,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	612,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	1,224,000
SUBTOTAL FOR OTHER COSTS:				\$6,731,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$18,968,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH ENGLEWOOD				
SEGMENT: S2 - OXFORD ST TO ROTOLO PARK				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
9'x6' RCBC (Precast)	2025	LF	\$898	\$1,819,000
84-inch RCP	1331	LF	\$449	\$598,000
66-inch RCP	326	LF	\$282	\$92,000
68"x43" HERCP	630	LF	\$231	\$146,000
36-inch RCP	453	LF	\$116	\$52,000
Removal of Pipe (84" dia.)	2025	LF	\$54	\$108,000
Removal of Pipe (76" dia.)	737	LF	\$54	\$39,000
Removal of Pipe (60" dia.)	1000	LF	\$54	\$54,000
Removal of Pipe (33" dia.)	453	LF	\$21	\$10,000
Removal of Manhole	8	EA	\$931	\$7,000
Removal of Asphalt Mat	4789	SY	\$7	\$34,000
Asphalt Patching/Paving	4789	SY	\$26	\$125,000
Manhole Special (Large Junction Box)	4	EA	\$46,759	\$187,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$3,271,000
MOBILIZATION			10%	\$327,000
DEWATERING			5%	\$164,000
TRAFFIC CONTROL			10%	\$327,000
UTILITY COORDINATION/RELOCATION			10%	\$327,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$164,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$1,309,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$4,580,000
CONTINGENCIES			25%	\$1,145,000
ENGINEERING DESIGN SERVICES			15%	\$687,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$229,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$458,000
SUBTOTAL FOR OTHER COSTS:				\$2,519,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$7,099,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH ENGLEWOOD				
SEGMENT: S2 - OXFORD ST TO ROTOLO PARK				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
12'x7' RCBC (Precast)	2025	LF	\$1,229	\$2,489,000
11'x6' RCBC (Precast)	1139	LF	\$1,084	\$1,235,000
84-inch RCP	518	LF	\$449	\$233,000
68"x43" HERCP	630	LF	\$231	\$146,000
36-inch RCP	453	LF	\$116	\$52,000
Removal of Pipe (84" dia.)	2025	LF	\$54	\$108,000
Removal of Pipe (76" dia.)	737	LF	\$54	\$39,000
Removal of Pipe (60" dia.)	1000	LF	\$54	\$54,000
Removal of Pipe (33" dia.)	453	LF	\$21	\$10,000
Removal of Manhole	8	EA	\$931	\$7,000
Removal of Asphalt Mat	6275	SY	\$7	\$44,000
Asphalt Patching/Paving	6275	SY	\$26	\$163,000
Manhole Special (Large Junction Box)	19	EA	\$46,759	\$888,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$5,468,000
MOBILIZATION			10%	547,000
DEWATERING			5%	273,000
TRAFFIC CONTROL			10%	547,000
UTILITY COORDINATION/RELOCATION			10%	547,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	273,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				2,187,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				7,655,000
CONTINGENCIES			25%	1,914,000
ENGINEERING DESIGN SERVICES			15%	1,148,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	383,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	766,000
SUBTOTAL FOR OTHER COSTS:				\$4,211,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$11,866,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH ENGLEWOOD				
SEGMENT: S3 - CHEROKEE ST TO CLARKSON ST				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
90-inch RCP	923	LF	\$482	\$444,000
78-inch RCP	370	LF	\$417	\$154,000
72-inch RCP	2269	LF	\$385	\$874,000
66-inch RCP	1604	LF	\$282	\$453,000
36-inch RCP	485	LF	\$116	\$56,000
Removal of Pipe (76" dia.)	923	LF	\$54	\$49,000
Removal of Pipe (60" dia.)	692	LF	\$54	\$37,000
Removal of Pipe (54" dia.)	1484	LF	\$54	\$79,000
Removal of Pipe (48" dia.)	1455	LF	\$54	\$78,000
Removal of Pipe (42" dia.)	612	LF	\$21	\$13,000
Removal of Pipe (30" dia.)	485	LF	\$21	\$10,000
Removal of Manhole	9	EA	\$931	\$8,000
Removal of Asphalt Mat	5310	SY	\$7	\$37,000
Asphalt Patching/Paving	5310	SY	\$26	\$138,000
Manhole, 5' Dia (Depth > 15')	4	EA	\$4,173	\$17,000
Manhole, Type B (Pipe Dia. > 48")	4	EA	\$12,840	\$51,000
Manhole Special (Large Junction Box)	2	EA	\$46,759	\$94,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$2,592,000
MOBILIZATION			10%	\$259,000
DEWATERING			5%	\$130,000
TRAFFIC CONTROL			10%	\$259,000
UTILITY COORDINATION/RELOCATION			10%	\$259,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$130,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$1,037,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$3,629,000
CONTINGENCIES			25%	\$907,000
ENGINEERING DESIGN SERVICES			15%	\$544,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$181,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$363,000
SUBTOTAL FOR OTHER COSTS:				\$1,995,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$5,624,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH ENGLEWOOD				
SEGMENT: S3 - CHEROKEE ST TO CLARKSON ST				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
12'x6' RCBC (Precast)	923	LF	\$809	\$747,000
90-inch RCP	2638	LF	\$482	\$1,270,000
78-inch RCP	1604	LF	\$417	\$669,000
42-inch RCP	485	LF	\$135	\$65,000
36-inch RCP	1678	LF	\$116	\$194,000
24-inch RCP	393	LF	\$77	\$30,000
Removal of Pipe (76" dia.)	923	LF	\$54	\$49,000
Removal of Pipe (60" dia.)	692	LF	\$54	\$37,000
Removal of Pipe (54" dia.)	1484	LF	\$54	\$79,000
Removal of Pipe (48" dia.)	1455	LF	\$54	\$78,000
Removal of Pipe (42" dia.)	612	LF	\$21	\$13,000
Removal of Pipe (30" dia.)	2162	LF	\$21	\$46,000
Removal of Pipe (21" dia.)	393	EA	\$21	\$8,000
Removal of Manhole	10	EA	\$931	\$9,000
Removal of Asphalt Mat	6559	SY	\$7	\$46,000
Asphalt Patching/Paving	6559	SY	\$26	\$171,000
Manhole, 5' Dia (Depth > 15')	6	EA	\$4,173	\$25,000
Manhole, Type B (Pipe Dia. > 48")	1	EA	\$12,840	\$13,000
Manhole Special (Large Junction Box)	5	EA	\$46,759	\$234,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$3,783,000
MOBILIZATION			10%	378,000
DEWATERING			5%	189,000
TRAFFIC CONTROL			10%	378,000
UTILITY COORDINATION/RELOCATION			10%	378,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	189,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				1,512,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				5,295,000
CONTINGENCIES			25%	1,324,000
ENGINEERING DESIGN SERVICES			15%	794,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	265,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	530,000
SUBTOTAL FOR OTHER COSTS:				\$2,913,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$8,208,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH ENGLEWOOD				
SEGMENT: S4 - UNION AVE TO CHENANGO AVE				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
42-inch RCP	219	LF	\$135	\$30,000
36-inch RCP	1008	LF	\$116	\$116,000
Removal of Pipe (36" dia.)	219	LF	\$21	\$5,000
Removal of Pipe (33" dia.)	1008	LF	\$21	\$22,000
Removal of Manhole	4	EA	\$931	\$4,000
Removal of Asphalt Mat	682	SY	\$7	\$5,000
Asphalt Patching/Paving	682	SY	\$26	\$18,000
Manhole, 5' Dia (Depth > 15')	2	EA	\$4,173	\$8,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$208,000
MOBILIZATION			10%	\$21,000
DEWATERING			5%	\$10,000
TRAFFIC CONTROL			10%	\$21,000
UTILITY COORDINATION/RELOCATION			10%	\$21,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$10,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$83,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$291,000
CONTINGENCIES			25%	\$73,000
ENGINEERING DESIGN SERVICES			15%	\$44,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$15,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$29,000
SUBTOTAL FOR OTHER COSTS:				\$161,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$452,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH ENGLEWOOD				
SEGMENT: S4 - UNION AVE TO CHENANGO AVE				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
48-inch RCP	618	LF	\$154	\$95,000
42-inch RCP	1008	LF	\$135	\$136,000
Removal of Pipe (42" dia.)	399	LF	\$21	\$9,000
Removal of Pipe (36" dia.)	219	LF	\$21	\$5,000
Removal of Pipe (33" dia.)	1008	LF	\$21	\$22,000
Removal of Manhole	4	EA	\$931	\$4,000
Removal of Asphalt Mat	1084	SY	\$7	\$8,000
Asphalt Patching/Paving	1084	SY	\$26	\$28,000
Manhole, 5' Dia (Depth > 15')	1	EA	\$4,173	\$4,000
Manhole, 6' Dia (Depth > 15')	1	EA	\$4,601	\$5,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$316,000
MOBILIZATION			10%	32,000
DEWATERING			5%	16,000
TRAFFIC CONTROL			10%	32,000
UTILITY COORDINATION/RELOCATION			10%	32,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	16,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				128,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				444,000
CONTINGENCIES			25%	111,000
ENGINEERING DESIGN SERVICES			15%	67,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	22,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	44,000
SUBTOTAL FOR OTHER COSTS:				\$244,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$688,000</b>



PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH-CENTRAL ENGLEWOOD				
SEGMENT: SC1 - NAVAJO ST TO BANNOCK ST				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
72-inch RCP	206	LF	\$385	\$79,000
66-inch RCP	290	LF	\$282	\$82,000
60-inch RCP	1298	LF	\$257	\$333,000
42-inch RCP	353	LF	\$135	\$48,000
Removal of Pipe (60" dia.)	496	LF	\$54	\$27,000
Removal of Pipe (54" dia.)	1298	LF	\$54	\$69,000
Removal of Pipe (21" dia.)	353	LF	\$21	\$8,000
Removal of Manhole	4	EA	\$931	\$4,000
Removal of Asphalt Mat	1686	SY	\$7	\$12,000
Asphalt Patching/Paving	1686	SY	\$26	\$44,000
Manhole, Type B (Pipe Dia. > 48")	5	EA	\$12,840	\$64,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$770,000
MOBILIZATION			10%	\$77,000
DEWATERING			5%	\$39,000
TRAFFIC CONTROL			10%	\$77,000
UTILITY COORDINATION/RELOCATION			10%	\$77,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$39,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$309,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$1,079,000
CONTINGENCIES			25%	\$270,000
ENGINEERING DESIGN SERVICES			15%	\$162,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$54,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$108,000
SUBTOTAL FOR OTHER COSTS:				\$594,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$1,673,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH-CENTRAL ENGLEWOOD				
SEGMENT: SC1 - NAVAJO ST TO BANNOCK ST				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
84-inch RCP	1660	LF	\$449	\$746,000
72-inch RCP	1298	LF	\$385	\$500,000
48-inch RCP	353	LF	\$154	\$54,000
Removal of Pipe (76" dia.)	1164	LF	\$54	\$62,000
Removal of Pipe (60" dia.)	496	LF	\$54	\$27,000
Removal of Pipe (54" dia.)	1298	LF	\$54	\$69,000
Removal of Pipe (21" dia.)	353	LF	\$21	\$8,000
Removal of Manhole	5	EA	\$931	\$5,000
Removal of Asphalt Mat	3234	SY	\$7	\$23,000
Asphalt Patching/Paving	3234	SY	\$26	\$84,000
Manhole, Type B (Pipe Dia. > 48")	3	EA	\$12,840	\$39,000
Manhole Special (Large Junction Box)	2	EA	\$46,759	\$94,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$1,711,000
MOBILIZATION			10%	171,000
DEWATERING			5%	86,000
TRAFFIC CONTROL			10%	171,000
UTILITY COORDINATION/RELOCATION			10%	171,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	86,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				685,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				2,396,000
CONTINGENCIES			25%	599,000
ENGINEERING DESIGN SERVICES			15%	359,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	120,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	240,000
SUBTOTAL FOR OTHER COSTS:				\$1,318,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$3,714,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH-CENTRAL ENGLEWOOD				
SEGMENT: SC2 - OXFORD ST TO CLARKSON ST				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
48-inch RCP	962	LF	\$154	\$148,000
42-inch RCP	306	LF	\$135	\$41,000
36-inch RCP	1637	LF	\$116	\$189,000
Removal of Pipe (36" dia.)	962	LF	\$21	\$21,000
Removal of Pipe (30" dia.)	306	LF	\$21	\$7,000
Removal of Pipe (15" dia.)	1637	LF	\$21	\$35,000
Removal of Manhole	5	EA	\$931	\$5,000
Removal of Asphalt Mat	1937	SY	\$7	\$14,000
Asphalt Patching/Paving	1937	SY	\$26	\$50,000
Manhole, 5' Dia (Depth > 15')	3	EA	\$4,173	\$13,000
Manhole, 6' Dia (Depth > 15')	4	EA	\$4,601	\$18,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$541,000
MOBILIZATION			10%	\$54,000
DEWATERING			5%	\$27,000
TRAFFIC CONTROL			10%	\$54,000
UTILITY COORDINATION/RELOCATION			10%	\$54,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$27,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$216,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$757,000
CONTINGENCIES			25%	\$189,000
ENGINEERING DESIGN SERVICES			15%	\$114,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$38,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$76,000
SUBTOTAL FOR OTHER COSTS:				\$417,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$1,174,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: SOUTH-CENTRAL ENGLEWOOD				
SEGMENT: SC2 - OXFORD ST TO CLARKSON ST				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
60-inch RCP	412	LF	\$257	\$106,000
54-inch RCP	2908	LF	\$231	\$672,000
48-inch RCP	306	LF	\$154	\$47,000
42-inch RCP	1637	LF	\$135	\$221,000
Removal of Pipe (48" dia.)	2299	LF	\$54	\$123,000
Removal of Pipe (42" dia.)	1021	LF	\$21	\$22,000
Removal of Pipe (36" dia.)	962	LF	\$21	\$21,000
Removal of Pipe (30" dia.)	306	LF	\$21	\$7,000
Removal of Pipe (15" dia.)	1637	LF	\$21	\$35,000
Removal of Manhole	10	EA	\$931	\$9,000
Removal of Asphalt Mat	3878	SY	\$7	\$27,000
Asphalt Patching/Paving	3878	SY	\$26	\$101,000
Manhole, 5' Dia (Depth > 15')	1	EA	\$4,173	\$4,000
Manhole, 6' Dia (Depth > 15')	1	EA	\$4,601	\$5,000
Manhole, Type B (Pipe Dia. > 48")	5	EA	\$12,840	\$64,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$1,464,000
MOBILIZATION			10%	146,000
DEWATERING			5%	73,000
TRAFFIC CONTROL			10%	146,000
UTILITY COORDINATION/RELOCATION			10%	146,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	73,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				584,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				2,048,000
CONTINGENCIES			25%	512,000
ENGINEERING DESIGN SERVICES			15%	307,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	102,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	205,000
SUBTOTAL FOR OTHER COSTS:				\$1,126,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$3,174,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: CENTRAL ENGLEWOOD				
SEGMENT: C1 - HAMPDEN AVE TO MANSFIELD AVE				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
78-inch RCP	744	LF	\$417	\$310,000
60-inch RCP	1135	LF	\$257	\$291,000
54-inch RCP	656	LF	\$231	\$152,000
48-inch RCP	800	LF	\$154	\$123,000
Removal of Pipe (48" dia.)	744	LF	\$21	\$16,000
Removal of Pipe (36" dia.)	1135	LF	\$21	\$24,000
Removal of Pipe (30" dia.)	656	LF	\$21	\$14,000
Removal of Pipe (24" dia.)	481	LF	\$21	\$10,000
Removal of Pipe (18" dia.)	319	LF	\$21	\$7,000
Removal of Manhole	7	EA	\$931	\$7,000
Removal of Asphalt Mat	2714	SY	\$7	\$19,000
Asphalt Patching/Paving	2714	SY	\$26	\$71,000
Manhole, Type B (Pipe Dia. > 48")	5	EA	\$12,840	\$64,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$1,108,000
MOBILIZATION			10%	\$111,000
DEWATERING			5%	\$55,000
TRAFFIC CONTROL			10%	\$111,000
UTILITY COORDINATION/RELOCATION			10%	\$111,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$55,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$443,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$1,551,000
CONTINGENCIES			25%	\$388,000
ENGINEERING DESIGN SERVICES			15%	\$233,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$78,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$155,000
SUBTOTAL FOR OTHER COSTS:				\$854,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$2,405,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: CENTRAL ENGLEWOOD				
SEGMENT: C1 - HAMPDEN AVE TO MANSFIELD AVE				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
90-inch RCP	1501	LF	\$482	\$723,000
72-inch RCP	309	LF	\$385	\$119,000
66-inch RCP	826	LF	\$282	\$233,000
60-inch RCP	656	LF	\$257	\$168,000
54-inch RCP	800	LF	\$231	\$185,000
Removal of Pipe (66" dia.)	757	LF	\$54	\$40,000
Removal of Pipe (48" dia.)	744	LF	\$21	\$16,000
Removal of Pipe (36" dia.)	1135	LF	\$21	\$24,000
Removal of Pipe (30" dia.)	656	LF	\$21	\$14,000
Removal of Pipe (24" dia.)	481	LF	\$21	\$10,000
Removal of Pipe (18" dia.)	319	LF	\$21	\$7,000
Removal of Manhole	8	EA	\$931	\$7,000
Removal of Asphalt Mat	3809	SY	\$7	\$27,000
Asphalt Patching/Paving	3809	SY	\$26	\$99,000
Manhole, Type B (Pipe Dia. > 48")	4	EA	\$12,840	\$51,000
Manhole Special (Large Junction Box)	1	EA	\$46,759	\$47,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$1,770,000
MOBILIZATION			10%	177,000
DEWATERING			5%	89,000
TRAFFIC CONTROL			10%	177,000
UTILITY COORDINATION/RELOCATION			10%	177,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	89,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				709,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				2,479,000
CONTINGENCIES			25%	620,000
ENGINEERING DESIGN SERVICES			15%	372,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	124,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	248,000
SUBTOTAL FOR OTHER COSTS:				\$1,364,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$3,843,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: NORTH ENGLEWOOD				
SEGMENT: N1 - DARTMOUTH AVE TO BATES AVE				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
72-inch RCP	320	LF	\$385	\$123,000
66-inch RCP	1018	LF	\$282	\$288,000
Removal of Pipe (60" dia.)	1338	LF	\$54	\$72,000
Removal of Manhole	3	EA	\$931	\$3,000
Removal of Asphalt Mat	1189	SY	\$7	\$8,000
Asphalt Patching/Paving	1189	SY	\$26	\$31,000
Manhole, Type B (Pipe Dia. > 48")	2	EA	\$12,840	\$26,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$551,000
MOBILIZATION			10%	\$55,000
DEWATERING			5%	\$28,000
TRAFFIC CONTROL			10%	\$55,000
UTILITY COORDINATION/RELOCATION			10%	\$55,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$28,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$221,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$772,000
CONTINGENCIES			25%	\$193,000
ENGINEERING DESIGN SERVICES			15%	\$116,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$39,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$77,000
SUBTOTAL FOR OTHER COSTS:				\$425,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$1,197,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: NORTH ENGLEWOOD				
SEGMENT: N1 - DARTMOUTH AVE TO BATES AVE				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
84-inch RCP	320	LF	\$449	\$144,000
78-inch RCP	1018	LF	\$417	\$425,000
Removal of Pipe (60" dia.)	1338	LF	\$54	\$72,000
Removal of Manhole	3	EA	\$931	\$3,000
Removal of Asphalt Mat	1487	SY	\$7	\$10,000
Asphalt Patching/Paving	1487	SY	\$26	\$39,000
Manhole, Type B (Pipe Dia. > 48")	1	EA	\$12,840	\$13,000
Manhole Special (Large Junction Box)	1	EA	\$46,759	\$47,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$753,000
MOBILIZATION			10%	75,000
DEWATERING			5%	38,000
TRAFFIC CONTROL			10%	75,000
UTILITY COORDINATION/RELOCATION			10%	75,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	38,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				301,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				1,054,000
CONTINGENCIES			25%	264,000
ENGINEERING DESIGN SERVICES			15%	158,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	53,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	105,000
SUBTOTAL FOR OTHER COSTS:				\$580,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$1,634,000</b>



PROJECT: ENGLEWOOD OSP				
BASIN: NORTH ENGLEWOOD				
SEGMENT: N2 - ELATI ST TO ACOMA ST (BATES AVE)				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
(No proposed improvements)				\$0
				\$0
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$0
MOBILIZATION			10%	\$0
DEWATERING			5%	\$0
TRAFFIC CONTROL			10%	\$0
UTILITY COORDINATION/RELOCATION			10%	\$0
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$0
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$0
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$0
CONTINGENCIES			25%	\$0
ENGINEERING DESIGN SERVICES			15%	\$0
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$0
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$0
SUBTOTAL FOR OTHER COSTS:				\$0
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$0</b>

PROJECT: ENGLEWOOD OSP				
BASIN: NORTH ENGLEWOOD				
SEGMENT: N2 - ELATI ST TO ACOMA ST (BATES AVE)				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
66-inch RCP	1260	LF	\$282	\$356,000
36-inch RCP	650	LF	\$116	\$75,000
Removal of Pipe (60" dia.)	1260	LF	\$54	\$67,000
Removal of Pipe (30" dia.)	650	LF	\$21	\$14,000
Removal of Asphalt Mat	1481	SY	\$7	\$10,000
Asphalt Patching/Paving	1481	SY	\$26	\$39,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$561,000
MOBILIZATION			10%	56,000
DEWATERING			5%	28,000
TRAFFIC CONTROL			10%	56,000
UTILITY COORDINATION/RELOCATION			10%	56,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	28,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				224,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				785,000
CONTINGENCIES			25%	196,000
ENGINEERING DESIGN SERVICES			15%	118,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	39,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	79,000
SUBTOTAL FOR OTHER COSTS:				\$432,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$1,217,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: NORTH ENGLEWOOD				
SEGMENT: N3 - LINCOLN ST TO EMERSON ST				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
48-inch RCP	484	LF	\$154	\$75,000
42-inch RCP	1363	LF	\$135	\$184,000
24-inch RCP	157	LF	\$77	\$12,000
Removal of Pipe (42" dia.)	152	LF	\$21	\$3,000
Removal of Pipe (36" dia.)	332	LF	\$21	\$7,000
Removal of Pipe (30" dia.)	1363	LF	\$21	\$29,000
Removal of Pipe (15" dia.)	157	LF	\$21	\$3,000
Removal of Manhole	6	EA	\$931	\$6,000
Removal of Asphalt Mat	1301	SY	\$7	\$9,000
Asphalt Patching/Paving	1301	SY	\$26	\$34,000
Manhole, 5' Dia (Pipe Dia 36-42", Depth > 15')	1	EA	\$4,173	\$4,000
Manhole, 6' Dia (Pipe Dia, Depth > 15')	4	EA	\$4,601	\$18,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$384,000
MOBILIZATION			10%	\$38,000
DEWATERING			5%	\$19,000
TRAFFIC CONTROL			10%	\$38,000
UTILITY COORDINATION/RELOCATION			10%	\$38,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$19,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$152,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$536,000
CONTINGENCIES			25%	\$134,000
ENGINEERING DESIGN SERVICES			15%	\$80,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$27,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$54,000
SUBTOTAL FOR OTHER COSTS:				\$295,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$831,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: NORTH ENGLEWOOD				
SEGMENT: N3 - LINCOLN ST TO EMERSON ST				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
54-inch RCP	913	LF	\$231	\$211,000
48-inch RCP	2479	LF	\$154	\$382,000
Removal of Pipe (42" dia.)	581	LF	\$21	\$12,000
Removal of Pipe (36" dia.)	332	LF	\$21	\$7,000
Removal of Pipe (30" dia.)	1363	LF	\$21	\$29,000
Removal of Pipe (24" dia.)	959	LF	\$21	\$21,000
Removal of Pipe (15" dia.)	157	LF	\$21	\$3,000
Removal of Manhole	11	EA	\$931	\$10,000
Removal of Asphalt Mat	2363	SY	\$7	\$17,000
Asphalt Patching/Paving	2363	SY	\$26	\$61,000
Manhole, 6' Dia (Pipe Dia, Depth > 15')	1	EA	\$4,601	\$5,000
Manhole, Type B (Pipe Dia. > 48")	4	EA	\$12,840	\$51,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$809,000
MOBILIZATION			10%	81,000
DEWATERING			5%	40,000
TRAFFIC CONTROL			10%	81,000
UTILITY COORDINATION/RELOCATION			10%	81,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	40,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				323,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				1,132,000
CONTINGENCIES			25%	283,000
ENGINEERING DESIGN SERVICES			15%	170,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	57,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	113,000
SUBTOTAL FOR OTHER COSTS:				\$623,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$1,755,000</b>

<b>PROJECT: ENGLEWOOD OSP</b> <b>BASIN: NORTH ENGLEWOOD</b> <b>SEGMENT: N4 - ELATI ST TO ACOMA ST (DARTMOUTH AVE)</b>				
<b>10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)</b>				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
(No proposed improvements)				\$0
				\$0
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$0
MOBILIZATION			10%	\$0
DEWATERING			5%	\$0
TRAFFIC CONTROL			10%	\$0
UTILITY COORDINATION/RELOCATION			10%	\$0
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$0
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$0
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$0
CONTINGENCIES			25%	\$0
ENGINEERING DESIGN SERVICES			15%	\$0
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$0
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$0
SUBTOTAL FOR OTHER COSTS:				\$0
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$0</b>

<b>PROJECT: ENGLEWOOD OSP</b> <b>BASIN: NORTH ENGLEWOOD</b> <b>SEGMENT: N4 - ELATI ST TO ACOMA ST (DARTMOUTH AVE)</b>				
<b>25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)</b>				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
60-inch RCP	670	LF	\$257	\$172,000
54-inch RCP	632	LF	\$231	\$146,000
Removal of Pipe (54" dia.)	670	LF	\$54	\$36,000
Removal of Pipe (48" dia.)	632	LF	\$54	\$34,000
Removal of Asphalt Mat	1087	SY	\$7	\$8,000
Asphalt Patching/Paving	1087	SY	\$26	\$28,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$424,000
MOBILIZATION			10%	42,000
DEWATERING			5%	21,000
TRAFFIC CONTROL			10%	42,000
UTILITY COORDINATION/RELOCATION			10%	42,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	21,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				168,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				592,000
CONTINGENCIES			25%	148,000
ENGINEERING DESIGN SERVICES			15%	89,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	30,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	59,000
SUBTOTAL FOR OTHER COSTS:				\$326,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$918,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: NORTH ENGLEWOOD				
SEGMENT: N5 - LINCOLN ST TO LOGAN ST				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
30-inch RCP	981	LF	\$96	\$94,000
Removal of Pipe (24" dia.)	981	LF	\$21	\$21,000
Removal of Manhole	1	EA	\$931	\$1,000
Removal of Asphalt Mat	545	SY	\$7	\$4,000
Asphalt Patching/Paving	545	SY	\$26	\$14,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$134,000
MOBILIZATION			10%	\$13,000
DEWATERING			5%	\$7,000
TRAFFIC CONTROL			10%	\$13,000
UTILITY COORDINATION/RELOCATION			10%	\$13,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$7,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$53,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$187,000
CONTINGENCIES			25%	\$47,000
ENGINEERING DESIGN SERVICES			15%	\$28,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$9,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$19,000
SUBTOTAL FOR OTHER COSTS:				\$103,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$290,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: NORTH ENGLEWOOD				
SEGMENT: N5 - LINCOLN ST TO LOGAN ST				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
36-inch RCP	981	LF	\$116	\$113,000
Removal of Pipe (24" dia.)	981	LF	\$21	\$21,000
Removal of Manhole	1	EA	\$931	\$1,000
Removal of Asphalt Mat	545	SY	\$7	\$4,000
Asphalt Patching/Paving	545	SY	\$26	\$14,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$153,000
MOBILIZATION			10%	15,000
DEWATERING			5%	8,000
TRAFFIC CONTROL			10%	15,000
UTILITY COORDINATION/RELOCATION			10%	15,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	8,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				61,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				214,000
CONTINGENCIES			25%	54,000
ENGINEERING DESIGN SERVICES			15%	32,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	11,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	21,000
SUBTOTAL FOR OTHER COSTS:				\$118,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$332,000</b>



PROJECT: ENGLEWOOD OSP				
BASIN: YALE AVENUE				
SEGMENT: Y1 - SOUTH PLATTE RIVER TO AMHERST AVE				
10-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
54-inch RCP	1245	LF	\$231	\$288,000
42-inch RCP	2033	LF	\$135	\$274,000
Removal of Pipe (33" dia.)	3278	LF	\$21	\$70,000
Removal of Manhole	3	EA	\$931	\$3,000
Removal of Asphalt Mat	2324	SY	\$7	\$16,000
Asphalt Patching/Paving	2324	SY	\$26	\$60,000
Manhole, 5' Dia (Pipe Dia 36-42", Depth > 15')	4	EA	\$4,173	\$17,000
Manhole, Type B (Pipe Dia. > 48")	2	EA	\$12,840	\$26,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$754,000
MOBILIZATION			10%	\$75,000
DEWATERING			5%	\$38,000
TRAFFIC CONTROL			10%	\$75,000
UTILITY COORDINATION/RELOCATION			10%	\$75,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	\$38,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				\$301,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				\$1,055,000
CONTINGENCIES			25%	\$264,000
ENGINEERING DESIGN SERVICES			15%	\$158,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	\$53,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	\$106,000
SUBTOTAL FOR OTHER COSTS:				\$581,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$1,636,000</b>

PROJECT: ENGLEWOOD OSP				
BASIN: YALE AVENUE				
SEGMENT: Y1 - SOUTH PLATTE RIVER TO AMHERST AVE				
25-YR DESIGN PRELIMINARY COST ESTIMATE (AVERAGE INSTALLATION)				
ITEM	QUANTITY	UNITS	UNIT COST	TOTAL COST
66-inch RCP	1245	LF	\$282	\$352,000
54-inch RCP	1387	LF	\$231	\$321,000
48-inch RCP	646	LF	\$154	\$100,000
36-inch RCP	650	LF	\$116	\$75,000
Removal of Pipe (33" dia.)	3278	LF	\$21	\$70,000
Removal of Pipe (30" dia.)	650	LF	\$21	\$14,000
Removal of Manhole	4	EA	\$931	\$4,000
Removal of Asphalt Mat	2977	SY	\$7	\$21,000
Asphalt Patching/Paving	2977	SY	\$26	\$77,000
Manhole, 6' Dia (Pipe Dia, Depth > 15')	1	EA	\$4,601	\$5,000
Manhole, Type B (Pipe Dia. > 48")	5	EA	\$12,840	\$64,000
SUBTOTAL FOR BASE CAPITAL IMPROVEMENT COSTS:				\$1,103,000
MOBILIZATION			10%	110,000
DEWATERING			5%	55,000
TRAFFIC CONTROL			10%	110,000
UTILITY COORDINATION/RELOCATION			10%	110,000
STORMWATER MANAGEMENT/EROSION CONTROL			5%	55,000
SUBTOTAL FOR ADDITIONAL CAPITAL IMPROVEMENT COSTS:				440,000
SUBTOTAL FOR TOTAL CAPITAL IMPROVEMENT COSTS:				1,543,000
CONTINGENCIES			25%	386,000
ENGINEERING DESIGN SERVICES			15%	231,000
LEGAL AND ADMINISTRATIVE SERVICES			5%	77,000
CONTRACT ADMIN/CONSTRUCTION MANAGEMENT			10%	154,000
SUBTOTAL FOR OTHER COSTS:				\$848,000
<b>TOTAL ESTIMATED CONSTRUCTION COST:</b>				<b>\$2,391,000</b>