

NETWORK

RELIEF SEWER COST DETAIL - PROJECT

Model Name: BUILD-OUT 5-YEAR STORM

Existing Sewer				Relief Sewer							
Subsystem	Upstream MH	Downstream MH	Lateral Name	Length	Dia.	Percent Overloaded	Relief Type	Relief Diameter	Trench Depth	Relief Cost	Design Flow
				(ft)	(in)	Q/Cap		(in)	(ft)	(\$)	(cfs)
Project No.	BO2										
SF05	BO-F004	BO-F003		2,150	1	0.000	Extension	0	10.50	156,146	0.000
SF05	BO-F003	BO-057		1,730	1	0.000	Extension	0	10.00	118,784	0.000
			Sub Total:	3,880						\$ 274,930	
Project No.	CS3										
JC03	CS-F002	CS-027		1,213	1	1639.3	Extension	0	10.14	125,520	4.918
			Sub Total:	1,213						\$ 125,520	
Project No.	CS5										
JC03	CS-F004	CS-F003		614	1	712.20	Extension	0	10.50	60,614	3.561
JC03	CS-F003	CS-F002		1,492	1	712.20	Extension	0	8.00	141,248	3.561
			Sub Total:	2,106						\$ 201,862	
Project No.	CS6										
JC03	CS-F008	CS-F007		1,251	1	202.17	Extension	0	13.50	128,443	1.213
JC03	CS-F007	CS-F006		1,763	1	279.83	Extension	0	16.00	216,177	1.679
JC03	CS-F006	CS-F005		1,664	1	357.50	Extension	0	14.50	197,338	2.145
JC03	CS-F005	CS-F004		1,376	1	326.38	Extension	0	16.00	179,852	2.611
			Sub Total:	6,054						\$ 721,810	
Project No.	FM2										
SF41	FM-F008	FM-F007		2,386	1	194.80	Extension	0	8.50	178,351	0.974
SF41	FM-F007	SF-042		4,757	1	88.455	Extension	0	4.38	391,257	0.973
			Sub Total:	7,143						\$ 569,608	
Project No.	FM3										
SF41	FM-F006	FM-F005		1,556	1	91.222	Extension	0	11.50	125,344	0.821
SF41	FM-F005	FM-F004		1,361	1	227.43	Extension	0	6.00	101,734	1.592
SF41	FM-F004	FM-F003		2,883	1	772.25	Extension	0	6.00	272,934	3.089

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				(ft)	(in)	Q/Cap		(in)	(ft)	(\$)	(cfs)
SF41	FM-F003	FM-F002		2,059	1	1029.0	Extension	0	6.50	210,696	3.087
SF41	FM-F002	FM-F001		1,791	1	1542.5	Extension	0	5.98	183,272	3.085
SF41	FM-F001	FM-001		262	1	1028.0	Extension	0	8.13	26,810	3.084
Sub Total:				9,912						\$ 920,790	
Project No.	JC10										
JCF01	JC-F002	JC-F001		1,478	1	3261.3	Extension	0	10.50	189,229	13.045
JCF01	JC-F001	JC-030		533	1	3388.0	Extension	0	10.50	68,241	13.552
Sub Total:				2,011						\$ 257,470	
Project No.	JC11										
JCF01	JC-F004	JC-F003		1,479	1	759.00	Extension	0	12.00	163,979	5.313
JCF01	JC-F003	JC-F002		876	1	1877.7	Extension	0	10.50	101,650	5.633
Sub Total:				2,355						\$ 265,629	
Project No.	JC12										
JCF01	JC-F008	JC-F007		1,691	1	220.57	Extension	0	12.00	153,383	1.544
JCF01	JC-F007	JC-F006		1,147	1	236.25	Extension	0	12.00	104,039	1.890
JCF01	JC-F006	JC-F005		1,515	1	618.00	Extension	0	12.00	167,971	3.708
JCF01	JC-F005	JC-F004		1,096	1	1461.3	Extension	0	12.50	125,954	4.384
Sub Total:				5,449						\$ 551,347	
Project No.	JC13										
JCF01	JC-F009	JC-F004		2,110	1	25.875	Extension	0	12.50	186,701	0.207
Sub Total:				2,110						\$ 186,701	
Project No.	JC14										
JCF01	JC-F014	JC-F013		1,507	1	1262.8	Extension	0	15.50	222,270	5.051
JCF01	JC-F013	JC-F012		993	1	1479.8	Extension	0	14.00	134,228	5.919
JCF01	JC-F012	JC-F011		930	1	1496.8	Extension	0	10.50	98,984	5.987

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				(ft)	(in)	Q/Cap		(in)	(ft)	(\$)	(cfs)
JCF01	JC-F011	JC-F010		1,389	1	1567.3	Extension	0	15.00	213,040	6.269
JCF01	JC-F010	JC-F002		1,898	1	1703.5	Extension	0	14.50	283,235	6.814
Sub Total:				6,717						\$ 951,757	
Project No.	JC15										
JCF01	JC-F022	JC-F021		1,623	1	555.25	Extension	0	12.50	186,519	2.221
JCF01	JC-F021	JC-F020		1,489	1	639.50	Extension	0	11.00	153,026	2.558
JCF01	JC-F020	JC-F019		1,484	1	639.25	Extension	0	16.50	218,632	2.557
JCF01	JC-F019	JC-F014		1,240	1	639.00	Extension	0	16.00	177,661	2.556
Sub Total:				5,836						\$ 735,838	
Project No.	JC16										
JCF01	JC-F024	JC-F023		1,880	1	309.25	Extension	0	12.00	184,995	1.237
JCF01	JC-F023	JC-F022		1,897	1	523.25	Extension	0	15.50	264,110	2.093
Sub Total:				3,777						\$ 449,105	
Project No.	JC17										
JCF01	JC-F018	JC-F017		992	1	141.17	Extension	0	12.50	87,776	0.847
JCF01	JC-F017	JC-F016		1,516	1	141.00	Extension	0	11.50	122,121	0.846
JCF01	JC-F016	JC-F015		1,490	1	251.33	Extension	0	14.00	158,926	1.508
JCF01	JC-F015	JC-F014		1,499	1	411.17	Extension	0	14.00	171,717	2.467
Sub Total:				5,497						\$ 540,540	
Project No.	JC6										
JCF25	JC-F037	JC-F036		1,772	1	134.71	Extension	0	10.00	121,668	0.943
JCF25	JC-F036	JC-F035		1,631	1	199.43	Extension	0	9.00	121,916	1.396
JCF25	JC-F035	JC-064		768	1	227.14	Extension	0	11.50	66,598	1.590
Sub Total:				4,171						\$ 310,182	
Project No.	JC7										

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				(ft)	(in)	Q/Cap		(in)	(ft)	(\$)	(cfs)
JCF25	JC-F031	JC-F030		982	1	335.67	Extension	0	10.00	73,404	1.007
JCF25	JC-F030	JC-F029		1,090	1	405.50	Extension	0	8.00	89,651	1.622
JCF25	JC-F029	JC-F028		1,509	1	812.00	Extension	0	7.00	142,857	2.436
JCF25	JC-F028	JC-F027		763	1	811.67	Extension	0	7.50	72,233	2.435
JCF25	JC-F027	JC-F026		1,235	1	897.33	Extension	0	7.50	116,918	2.692
JCF25	JC-F026	JC-F025		1,410	1	922.33	Extension	0	9.00	133,484	2.767
JCF25	JC-F025	JC-064		635	1	806.60	Extension	0	10.00	60,116	4.033
Sub Total:				7,624						\$ 688,663	
Project No.	JC8										
JCF25	JC-F033	JC-F032		1,105	1	155.14	Extension	0	9.00	75,871	1.086
JCF25	JC-F032	JC-F025		997	1	208.33	Extension	0	7.50	74,524	1.250
Sub Total:				2,102						\$ 150,395	
Project No.	JC9										
JCF25	JC-F034	JC-F033		2,116	1	41.889	Extension	0	11.00	162,064	0.377
Sub Total:				2,116						\$ 162,064	
TOTAL:				80,073						\$ 8,064,211	