

Appendix G

Breakdown of Pipeline Costs for Critical Conditions

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
117	445	8	\$44,489.00	\$31,142.30
119	503	8	\$50,277.00	\$35,193.90
129	541	8	\$54,079.00	\$37,855.30
131	502	8	\$50,154.00	\$35,107.80
201	589	8	\$58,903.00	\$41,232.10
203	34	8	\$3,377.00	\$2,363.90
205	207	8	\$20,729.00	\$14,510.30
235	541	8	\$54,052.00	\$37,836.40
237	625	8	\$62,530.00	\$43,771.00
275	39	8	\$3,934.00	\$2,753.80
277	786	8	\$78,572.00	\$55,000.40
281	377	8	\$37,714.00	\$26,399.80
285	659	8	\$65,857.00	\$46,099.90
287	357	8	\$35,731.00	\$25,011.70
303	524	8	\$52,394.00	\$36,675.80
313	515	8	\$51,494.00	\$36,045.80
437	213	8	\$21,317.00	\$14,921.90
439	219	8	\$21,851.00	\$15,295.70
441	202	8	\$20,220.00	\$14,154.00
443	231	8	\$23,105.00	\$16,173.50
445	183	8	\$18,318.00	\$12,822.60
447	185	8	\$18,479.00	\$12,935.30
449	195	8	\$19,487.00	\$13,640.90

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
517	700	8	\$69,967.00	\$48,976.90
521	281	8	\$28,071.00	\$19,649.70
531	675	8	\$67,507.00	\$47,254.90
539	983	8	\$98,294.00	\$68,805.80
583	216	8	\$21,611.00	\$15,127.70
707	285	8	\$28,522.00	\$19,965.40
707	285	8	\$28,522.00	\$19,965.40
731	435	8	\$43,460.00	\$30,422.00
761	601	8	\$60,106.00	\$42,074.20
763	249	8	\$24,860.00	\$17,402.00
785	71	8	\$7,134.00	\$4,993.80
787	352	8	\$35,221.00	\$24,654.70
809	196	8	\$19,561.00	\$13,692.70
811	199	8	\$19,866.00	\$13,906.20
841	544	8	\$54,357.00	\$38,049.90
859	537	8	\$53,691.00	\$37,583.70
861	1,000	8	\$100,019.00	\$70,013.30
865	300	8	\$29,968.00	\$20,977.60
867	242	8	\$24,161.00	\$16,912.70
871	1,260	8	\$126,006.00	\$88,204.20
895	223	8	\$22,284.00	\$15,598.80
897	313	8	\$31,273.00	\$21,891.10
977	206	8	\$20,642.00	\$14,449.40

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
979	408	8	\$40,815.00	\$28,570.50
981	360	8	\$35,991.00	\$25,193.70
1025	247	8	\$24,736.00	\$17,315.20
1027	311	8	\$31,058.00	\$21,740.60
1031	846	8	\$84,615.00	\$59,230.50
1053	197	8	\$19,665.00	\$13,765.50
1055	179	8	\$17,872.00	\$12,510.40
1123	374	8	\$37,436.00	\$26,205.20
1135	279	8	\$27,938.00	\$19,556.60
1137	225	8	\$22,547.00	\$15,782.90
1139	176	8	\$17,562.00	\$12,293.40
1155	120	8	\$12,048.00	\$8,433.60
1159	623	8	\$62,349.00	\$43,644.30
1185	181	8	\$18,118.00	\$12,682.60
1187	277	8	\$27,664.00	\$19,364.80
1187	277	8	\$27,664.00	\$19,364.80
1189	323	8	\$32,312.00	\$22,618.40
1195	581	8	\$58,142.00	\$40,699.40
1201	294	8	\$29,427.00	\$20,598.90
1203	343	8	\$34,308.00	\$24,015.60
1213	216	8	\$21,615.00	\$15,130.50
1215	259	8	\$25,856.00	\$18,099.20
1225	182	8	\$18,173.00	\$12,721.10

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
1227	257	8	\$25,651.00	\$17,955.70
1235	189	8	\$18,925.00	\$13,247.50
1241	194	8	\$19,440.00	\$13,608.00
1253	173	8	\$17,338.00	\$12,136.60
1259	194	8	\$19,427.00	\$13,598.90
1261	178	8	\$17,765.00	\$12,435.50
1263	573	8	\$57,275.00	\$40,092.50
1267	81	8	\$8,089.00	\$5,662.30
1271	643	8	\$64,302.00	\$45,011.40
1273	145	8	\$14,472.00	\$10,130.40
1275	192	8	\$19,163.00	\$13,414.10
1277	320	8	\$31,950.00	\$22,365.00
1281	237	8	\$23,713.00	\$16,599.10
1319	922	8	\$92,225.00	\$64,557.50
1335	921	8	\$92,073.00	\$64,451.10
1337	777	8	\$77,696.00	\$54,387.20
1345	478	8	\$47,757.00	\$33,429.90
1347	489	8	\$48,910.00	\$34,237.00
1349	503	8	\$50,349.00	\$35,244.30
1351	205	8	\$20,476.00	\$14,333.20
1355	193	8	\$19,284.00	\$13,498.80
1359	308	8	\$30,812.00	\$21,568.40
1365	127	8	\$12,663.00	\$8,864.10

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
1383	263	8	\$26,327.00	\$18,428.90
1479	169	8	\$16,945.00	\$11,861.50
1523	131	8	\$13,139.00	\$9,197.30
81	218	10	\$26,156.40	\$19,399.33
85	429	10	\$51,507.60	\$38,201.47
87	257	10	\$30,853.20	\$22,882.79
89	337	10	\$40,382.40	\$29,950.28
91	32	10	\$3,874.80	\$2,873.81
93	156	10	\$18,747.60	\$13,904.47
99	231	10	\$27,679.20	\$20,528.74
101	31	10	\$3,712.80	\$2,753.66
103	489	10	\$58,632.00	\$43,485.40
111	375	10	\$44,943.60	\$33,333.17
113	226	10	\$27,066.00	\$20,073.95
121	521	10	\$62,530.80	\$46,377.01
133	447	10	\$53,679.60	\$39,812.37
135	240	10	\$28,830.00	\$21,382.25
137	250	10	\$30,004.80	\$22,253.56
139	843	10	\$101,136.00	\$75,009.20
141	503	10	\$60,368.40	\$44,773.23
143	206	10	\$24,704.40	\$18,322.43
149	501	10	\$60,106.80	\$44,579.21
175	39	10	\$4,657.20	\$3,454.09

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
179	416	10	\$49,873.20	\$36,989.29
181	441	10	\$52,898.40	\$39,232.98
183	469	10	\$56,234.40	\$41,707.18
187	936	10	\$112,264.80	\$83,263.06
189	481	10	\$57,712.80	\$42,803.66
191	57	10	\$6,837.60	\$5,071.22
193	225	10	\$27,013.20	\$20,034.79
195	380	10	\$45,602.40	\$33,821.78
209	138	10	\$16,611.60	\$12,320.27
211	66	10	\$7,941.60	\$5,890.02
213	644	10	\$77,275.20	\$57,312.44
215	539	10	\$64,706.40	\$47,990.58
233	148	10	\$17,816.40	\$13,213.83
253	48	10	\$5,766.00	\$4,276.45
255	184	10	\$22,082.40	\$16,377.78
283	836	10	\$100,260.00	\$74,359.50
289	73	10	\$8,745.60	\$6,486.32
291	387	10	\$46,483.20	\$34,475.04
293	236	10	\$28,296.00	\$20,986.20
295	173	10	\$20,720.40	\$15,367.63
299	209	10	\$25,028.40	\$18,562.73
301	71	10	\$8,464.80	\$6,278.06
307	42	10	\$4,990.80	\$3,701.51

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
335	633	10	\$75,936.00	\$56,319.20
339	1,725	10	\$206,992.80	\$153,519.66
419	992	10	\$119,024.40	\$88,276.43
421	511	10	\$61,346.40	\$45,498.58
433	518	10	\$62,100.00	\$46,057.50
451	202	10	\$24,207.60	\$17,953.97
451	202	10	\$24,207.60	\$17,953.97
453	183	10	\$21,981.60	\$16,303.02
471	183	10	\$21,981.60	\$16,303.02
475	727	10	\$87,255.60	\$64,714.57
481	596	10	\$71,552.40	\$53,068.03
485	209	10	\$25,110.00	\$18,623.25
515	292	10	\$35,062.80	\$26,004.91
523	502	10	\$60,180.00	\$44,633.50
525	2,289	10	\$274,738.80	\$203,764.61
529	304	10	\$36,428.40	\$27,017.73
533	618	10	\$74,142.00	\$54,988.65
543	347	10	\$41,692.80	\$30,922.16
565	276	10	\$33,072.00	\$24,528.40
623	261	10	\$31,263.60	\$23,187.17
651	187	10	\$22,489.20	\$16,679.49
723	152	10	\$18,271.20	\$13,551.14
759	875	10	\$105,020.40	\$77,890.13

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
799	570	10	\$68,394.00	\$50,725.55
803	92	10	\$11,060.40	\$8,203.13
837	281	10	\$33,765.60	\$25,042.82
853	244	10	\$29,299.20	\$21,730.24
957	1,157	10	\$138,822.00	\$102,959.65
959	614	10	\$73,701.60	\$54,662.02
975	177	10	\$21,279.60	\$15,782.37
1047	686	10	\$82,309.20	\$61,045.99
1047	686	10	\$82,309.20	\$61,045.99
1105	220	10	\$26,440.80	\$19,610.26
1127	461	10	\$55,358.40	\$41,057.48
1129	284	10	\$34,132.80	\$25,315.16
1131	253	10	\$30,363.60	\$22,519.67
1133	242	10	\$29,004.00	\$21,511.30
1171	157	10	\$18,794.40	\$13,939.18
1175	687	10	\$82,431.60	\$61,136.77
1177	1,048	10	\$125,769.60	\$93,279.12
1191	421	10	\$50,534.40	\$37,479.68
1243	186	10	\$22,297.20	\$16,537.09
1245	10	10	\$1,258.80	\$933.61
1249	362	10	\$43,450.80	\$32,226.01
1265	152	10	\$18,196.80	\$13,495.96
1285	450	10	\$53,961.60	\$40,021.52

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
1297	171	10	\$20,546.40	\$15,238.58
1299	1,101	10	\$132,076.80	\$97,956.96
1301	268	10	\$32,131.20	\$23,830.64
1301	268	10	\$32,131.20	\$23,830.64
1303	204	10	\$24,536.40	\$18,197.83
1303	204	10	\$24,536.40	\$18,197.83
1317	212	10	\$25,464.00	\$18,885.80
1333	371	10	\$44,539.20	\$33,033.24
1339	497	10	\$59,620.80	\$44,218.76
1341	522	10	\$62,595.60	\$46,425.07
1343	466	10	\$55,875.60	\$41,441.07
1361	194	10	\$23,236.80	\$17,233.96
1369	246	10	\$29,548.80	\$21,915.36
1369	246	10	\$29,548.80	\$21,915.36
1371	190	10	\$22,766.40	\$16,885.08
1371	190	10	\$22,766.40	\$16,885.08
1373	27	10	\$3,198.00	\$2,371.85
1373	27	10	\$3,198.00	\$2,371.85
1375	210	10	\$25,167.60	\$18,665.97
1379	634	10	\$76,123.20	\$56,458.04
1381	312	10	\$37,413.60	\$27,748.42
1403	121	10	\$14,527.20	\$10,774.34
1407	166	10	\$19,917.60	\$14,772.22

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
1427	126	10	\$15,062.40	\$11,171.28
1431	127	10	\$15,266.40	\$11,322.58
1467	302	10	\$36,259.20	\$26,892.24
1469	685	10	\$82,161.60	\$60,936.52
1477	154	10	\$18,498.00	\$13,719.35
1483	131	10	\$15,744.00	\$11,676.80
1487	98	10	\$11,799.60	\$8,751.37
1491	233	10	\$27,973.20	\$20,746.79
1493	265	10	\$31,832.40	\$23,609.03
1495	350	10	\$42,000.00	\$31,150.00
1497	512	10	\$61,440.00	\$45,568.00
1501	286	10	\$34,291.20	\$25,432.64
1503	176	10	\$21,158.40	\$15,692.48
1505	362	10	\$43,431.60	\$32,211.77
1507	251	10	\$30,174.00	\$22,379.05
1511	234	10	\$28,062.00	\$20,812.65
1513	165	10	\$19,849.20	\$14,721.49
1515	334	10	\$40,036.80	\$29,693.96
1517	324	10	\$38,869.20	\$28,827.99
1521	88	10	\$10,556.40	\$7,829.33
1525	131	10	\$15,711.60	\$11,652.77
1527	110	10	\$13,243.20	\$9,822.04
1529	150	10	\$18,038.40	\$13,378.48

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
1531	354	10	\$42,531.60	\$31,544.27
1533	184	10	\$22,126.80	\$16,410.71
1535	164	10	\$19,658.40	\$14,579.98
1537	320	10	\$38,448.00	\$28,515.60
1539	126	10	\$15,094.80	\$11,195.31
1541	257	10	\$30,846.00	\$22,877.45
1543	340	10	\$40,746.00	\$30,219.95
1545	296	10	\$35,497.20	\$26,327.09
1547	361	10	\$43,300.80	\$32,114.76
1549	285	10	\$34,208.40	\$25,371.23
1551	406	10	\$48,669.60	\$36,096.62
1553	415	10	\$49,777.20	\$36,918.09
1555	185	10	\$22,221.60	\$16,481.02
1557	209	10	\$25,072.80	\$18,595.66
1559	174	10	\$20,844.00	\$15,459.30
1627	357	10	\$42,822.00	\$31,759.65
1629	212	10	\$25,422.00	\$18,854.65
1631	559	10	\$67,106.40	\$49,770.58
1635	3,589	10	\$430,652.40	\$319,400.53
61	487	12	\$67,649.91	\$48,669.00
63	345	12	\$47,961.95	\$34,505.00
105	35	12	\$4,892.80	\$3,520.00
109	355	12	\$49,306.08	\$35,472.00

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
123	110	12	\$15,252.47	\$10,973.00
125	712	12	\$98,937.42	\$71,178.00
127	34	12	\$4,770.48	\$3,432.00
161	392	12	\$54,462.98	\$39,182.00
163	448	12	\$62,291.46	\$44,814.00
165	505	12	\$70,156.08	\$50,472.00
167	590	12	\$81,962.74	\$58,966.00
177	336	12	\$46,723.46	\$33,614.00
185	2,341	12	\$325,371.20	\$234,080.00
263	179	12	\$24,949.11	\$17,949.00
271	986	12	\$137,067.90	\$98,610.00
273	306	12	\$42,590.99	\$30,641.00
317	269	12	\$37,441.04	\$26,936.00
319	484	12	\$67,232.91	\$48,369.00
321	284	12	\$39,517.70	\$28,430.00
473	594	12	\$82,595.19	\$59,421.00
477	92	12	\$12,718.50	\$9,150.00
479	267	12	\$37,122.73	\$26,707.00
483	195	12	\$27,053.57	\$19,463.00
495	1,061	12	\$147,434.52	\$106,068.00
499	634	12	\$88,109.32	\$63,388.00
503	245	12	\$34,011.91	\$24,469.00
505	795	12	\$110,475.81	\$79,479.00

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
967	472	12	\$65,556.57	\$47,163.00
969	570	12	\$79,195.25	\$56,975.00
1065	12	12	\$1,729.16	\$1,244.00
1067	13	12	\$1,763.91	\$1,269.00
1069	11	12	\$1,516.49	\$1,091.00
1113	834	12	\$115,955.19	\$83,421.00
1115	594	12	\$82,613.26	\$59,434.00
1287	538	12	\$74,777.83	\$53,797.00
1289	558	12	\$77,567.56	\$55,804.00
1291	23	12	\$3,223.41	\$2,319.00
1291	23	12	\$3,223.41	\$2,319.00
1293	298	12	\$41,412.27	\$29,793.00
1293	298	12	\$41,412.27	\$29,793.00
1313	956	12	\$132,943.77	\$95,643.00
1323	266	12	\$37,024.04	\$26,636.00
1325	129	12	\$17,976.87	\$12,933.00
1327	339	12	\$47,058.45	\$33,855.00
1329	354	12	\$49,169.86	\$35,374.00
1331	373	12	\$51,803.91	\$37,269.00
1357	244	12	\$33,895.15	\$24,385.00
1393	1,310	12	\$182,063.59	\$130,981.00
1415	285	12	\$39,613.61	\$28,499.00
1421	881	12	\$122,474.29	\$88,111.00

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
1435	608	12	\$84,463.35	\$60,765.00
1465	375	12	\$52,111.10	\$37,490.00
1471	64	12	\$8,887.66	\$6,394.00
1473	133	12	\$18,555.11	\$13,349.00
1475	194	12	\$26,904.84	\$19,356.00
1485	174	12	\$24,201.29	\$17,411.00
1519	345	12	\$47,911.91	\$34,469.00
1563	264	12	\$36,645.96	\$26,364.00
1591	87	12	\$12,088.83	\$8,697.00
1591	28	12	\$3,921.19	\$2,821.00
1597	51	12	\$7,066.76	\$5,084.00
1599	49	12	\$6,755.40	\$4,860.00
1625	5	12	\$647.74	\$466.00
1633	696	12	\$96,791.26	\$69,634.00
477	92	14	\$14,914.50	\$11,254.50
483	195	14	\$31,724.69	\$23,939.49
489	235	14	\$38,280.55	\$28,886.55
491	2,266	14	\$369,426.46	\$278,769.66
497	787	14	\$128,346.20	\$96,850.20
501	817	14	\$133,100.91	\$100,438.11
527	274	14	\$44,662.00	\$33,702.00
1391	2,481	14	\$404,370.40	\$305,138.40
1395	2,152	14	\$350,723.84	\$264,656.64

CAMBRIA COMMUNITY SERVICES DISTRICT

TOTAL RECOMMENDED IMPROVEMENTS:

SIMULTANEOUS FIREFLOWS

PIPE ID	LENGTH	DIAM.	DIP COST	PVC COST
1397	489	14	\$79,785.24	\$60,206.04
1399	281	14	\$45,873.09	\$34,615.89
1401	251	14	\$40,926.04	\$30,882.84
1439	11	14	\$1,827.23	\$1,378.83
1443	487	14	\$79,376.11	\$59,897.31
1445	451	14	\$73,584.72	\$55,527.12
1481	250	14	\$40,740.22	\$30,742.62
1575	169	14	\$27,498.10	\$20,750.10
1579	54	14	\$8,793.85	\$6,635.85
1583	83	14	\$13,537.15	\$10,215.15
21	467	16	\$86,865.35	\$70,052.70
23	1,461	16	\$271,777.38	\$219,175.31
25	3,311	16	\$615,830.58	\$496,637.57
27	470	16	\$87,465.09	\$70,536.36
29	591	16	\$109,869.40	\$88,604.36
31	814	16	\$151,425.58	\$122,117.40
33	208	16	\$38,612.11	\$31,138.80
1423	376	16	\$69,991.06	\$56,444.40
TOTALS	137,003		\$17,242,716.39	\$12,681,426.70