

Section 6 Capital Improvement Plan

6-1 General

Based upon the City's Urban Water Management Plan 2011 Update, it was determined that total Recycled Water Demand would not exceed 18,385 AFY. Through the City's development policies, development is required to maximize the use of Recycled Water within the New Model Colony (NMC), and therefore will be the most efficient and cost effective use of Recycled Water in the City and will be allocated water supply as a first priority. Using the Demand Factors developed in Section 5, the NMC has a demand of 11,487 AFY, which leave 6,898 AFY of Recycled Water for the Old Model Colony (OMC). Currently existing users in the OMC use 2,637 AFY, which leaves 4,261 AFY of Recycled Water available for new customers in the OMC.

6-2 Capital Improvement Program Prioritization

All the potential Recycled Water projects in the OMC were studied for feasibility prioritized based upon the least amount of cost to deliver the most amount AFY (See Table 6-1). Projects along the future IEUA Sultana line were given the lowest priorities due to the uncertain nature of the viability of the Sultana Line. Once the projects were ranked, the first set of projects not exceeding 4,261 AFY were recommended for the Capital Improvement Plan.

6-3 Cost Estimates

The unit cost factors are based upon the cost factors developed for the recent Potable Water Master Plan Update 2011. It was determined that construction of new water pipeline would cost \$16 per diameter inch per linear feet of pipe plus 35% for Design, Construction Management, and Contingencies.

6-4 Capital Improvement Plan

The recommended Capital Improvement Plan consists of all improvements necessary to serve the entire NMC the maximum efficient amount of Recycled Water possible and allocates remaining Recycled Water demand to the OMC based on the most cost effective and efficient delivery of Recycled Water to new OMC customers. Figures 6-1, 6-2, 6-3 and 6-4 display the Recommend CIP and Tables 6-2 & 6-3 detail all projects. The following is an overall summary of the recommend CIP:

	Pipe LF	Cost
OMC	28,500	\$10,602,058.15
NMC	265,843	\$72,152,657.71
Total	294,343	\$82,754,715.86

Table 6-1: Pipe Segment Feasibility Study

Recommend CIP

Project	Group	Pipe Diameter	Length (LF)	ADD (gpm)	Price \$/LF	Cost	Total Cost	AFY	\$/AFY
1	0010	8	28.17	79.470	\$128.00	\$3,606.31	\$4,868.52	128.1774	\$37.98
2	0013	8	15.14	12.420	\$128.00	\$1,937.89	\$2,616.15	20.03226	\$130.60
3	0009	8	266.65	43.210	\$128.00	\$34,131.02	\$46,076.88	69.69355	\$661.14
4	0002	8	2226.81	259.910	\$128.00	\$285,032.24	\$384,793.52	419.2097	\$917.90
5	0004	8	225.67	24.010	\$128.00	\$28,885.75	\$38,995.76	38.72581	\$1,006.97
6	0001	8	5407.64	309.950	\$128.00	\$692,178.52	\$934,441.00		
6	0001	12	1881.62	801.720	\$192.00	\$361,270.91	\$487,715.73	1293.097	\$1,099.81
7	0028	8	2640.61	169.920	\$128.00	\$337,998.45	\$456,297.90	274.0645	\$1,664.93
8	0015	8	1730.73	109.830	\$128.00	\$221,533.59	\$299,070.35	177.1452	\$1,688.28
9	0033	8	1694.63	266.250	\$128.00	\$216,912.07	\$292,831.29	429.4355	
9	0033	12	2485.80	328.190	\$192.00	\$477,273.12	\$644,318.71	529.3387	\$1,770.42
10	0016	8	2857.65	157.140	\$128.00	\$365,779.74	\$493,802.65	253.4516	\$1,948.31
11	0003	8	425.19	21.520	\$128.00	\$54,423.79	\$73,472.12	34.70968	\$2,116.76
12	0014	8	1357.82	61.360	\$128.00	\$173,800.62	\$234,630.83	98.96774	\$2,370.78
13	0011	8	822.32	35.540	\$128.00	\$105,256.63	\$142,096.46	57.32258	\$2,478.89
14	0027	8	8691.17	218.170	\$128.00	\$1,112,469.37	\$1,501,833.66	351.8871	\$4,267.94

Other Projects Reviewed

Project	Group	Pipe Dian	Length (L)	ADD (gpr)	Price \$/LF	Cost	Total Cost	AFY	\$/AFY
15	0020	8	4433.45	197.550	\$128.00	\$567,481.95	\$766,100.64	318.629	\$2,404.37
16	0035	8	479.05	245.190	\$128.00	\$61,318.53	\$82,780.01	395.4677	\$2,610.05
16	0035	12	3662.84	243.660	\$192.00	\$703,265.78	\$949,408.81		
17	0023	8	708.02	28.150	\$128.00	\$90,626.75	\$122,346.11	45.40323	\$2,694.66
18	0018	8	325.62	12.420	\$128.00	\$41,679.56	\$56,267.40	20.03226	\$2,808.84
19	0024	8	3122.63	225.050	\$128.00	\$399,696.57	\$539,590.37		
19	0024	12	10088.40	663.500	\$192.00	\$1,936,972.81	\$2,614,913.29	1070.161	\$2,947.69
20	0032	8	1844.70	59.180	\$128.00	\$236,121.12	\$318,763.51	95.45161	\$3,339.53
21	0007	8	2057.65	57.800	\$128.00	\$263,379.75	\$355,562.67	93.22581	\$3,813.99
22	0030	8	1922.87	103.150	\$128.00	\$246,127.10	\$332,271.59		
22	0030	12	1200.44	103.150	\$192.00	\$230,484.13	\$311,153.58	166.371	\$3,867.41
23	0026	8	1378.92	37.910	\$128.00	\$176,502.14	\$238,277.89	61.14516	\$3,896.92
24	0021	8	1325.27	36.210	\$128.00	\$169,634.64	\$229,006.77	58.40323	\$3,921.13
25	0022	8	2368.19	63.630	\$128.00	\$303,127.74	\$409,222.45	102.629	\$3,987.39
26	0019	8	1067.19	25.660	\$128.00	\$136,600.36	\$184,410.49	41.3871	\$4,455.75
27	0017	8	5515.22	131.880	\$128.00	\$705,947.64	\$953,029.31	212.7097	\$6,074.42
27	0017	16	981.07	55.130	\$256.00	\$251,153.95	\$339,057.84		
28	0029	8	4703.95	76.760	\$128.00	\$602,105.18	\$812,841.99	123.8065	\$6,565.43
29	0008	8	5435.87	79.750	\$128.00	\$695,790.76	\$939,317.52	128.629	\$7,302.53
30	0034	8	3272.15	36.820	\$128.00	\$418,834.70	\$565,426.85	59.3871	\$9,521.04
31	0037	8	1647.25	8.650	\$128.00	\$210,847.36	\$284,643.94	13.95161	\$20,402.22
32	0025	8	5963.06	30.870	\$128.00	\$763,271.27	\$1,030,416.22	49.79032	\$20,695.11
33	0036	8	2619.98	11.240	\$128.00	\$335,357.44	\$452,732.54	18.12903	\$24,972.79
34	0031	8	3336.44	12.420	\$128.00	\$427,064.48	\$576,537.05	20.03226	\$28,780.43

Other Projects Reviewed (Requiring IEUA to build the Sultana Line)

Project	Group	Pipe Dian	Length (L)	ADD (gpr)	Price \$/LF	Cost	Total Cost	AFY	\$/AFY
35	1014	8	25.84	24.010	\$128.00	\$3,307.09	\$4,464.57	38.72581	\$115.29
36	1015	8	46.75	14.950	\$128.00	\$5,983.81	\$8,078.14	24.1129	\$335.01
37	1008	8	82.18	20.700	\$128.00	\$10,519.63	\$14,201.50	33.3871	\$425.36
38	1009	8	60.97	8.280	\$128.00	\$7,803.72	\$10,535.02	13.35484	\$788.85
39	1013	8	1328.02	47.150	\$128.00	\$169,985.99	\$229,481.09	76.04839	\$3,017.57
40	1010	8	2309.61	79.470	\$128.00	\$295,629.85	\$399,100.29	128.1774	\$3,113.66
41	1007	8	2638.40	84.120	\$128.00	\$337,714.72	\$455,914.87	135.6774	\$3,360.29
42	1016	8	10667.77	301.970	\$128.00	\$1,365,474.45	\$1,843,390.50	487.0484	\$3,784.82
43	1012	8	4575.91	99.630	\$128.00	\$585,716.66	\$790,717.49	160.6935	\$4,920.65
44	1004	8	1090.39	21.520	\$128.00	\$139,569.48	\$188,418.80	34.70968	\$5,428.42
45	1005	8	492.80	9.110	\$128.00	\$63,077.79	\$85,155.02	14.69355	\$5,795.40
46	1001	8	760.61	11.590	\$128.00	\$97,357.75	\$131,432.97	18.69355	\$7,030.93
47	1011	8	12424.49	80.000	\$128.00	\$1,590,335.25	\$2,146,952.59		
47	1011	10	5268.51	159.580	\$160.00	\$842,962.20	\$1,137,998.97	257.3871	\$12,762.69
48	1003	8	2691.81	21.180	\$128.00	\$344,551.87	\$465,145.02	34.16129	\$13,616.14
49	1002	8	4949.12	23.370	\$128.00	\$633,486.79	\$855,207.16	37.69355	\$22,688.42
50	1006	8	2842.45	1.400	\$128.00	\$363,833.36	\$491,175.04	2.258065	\$217,520.37

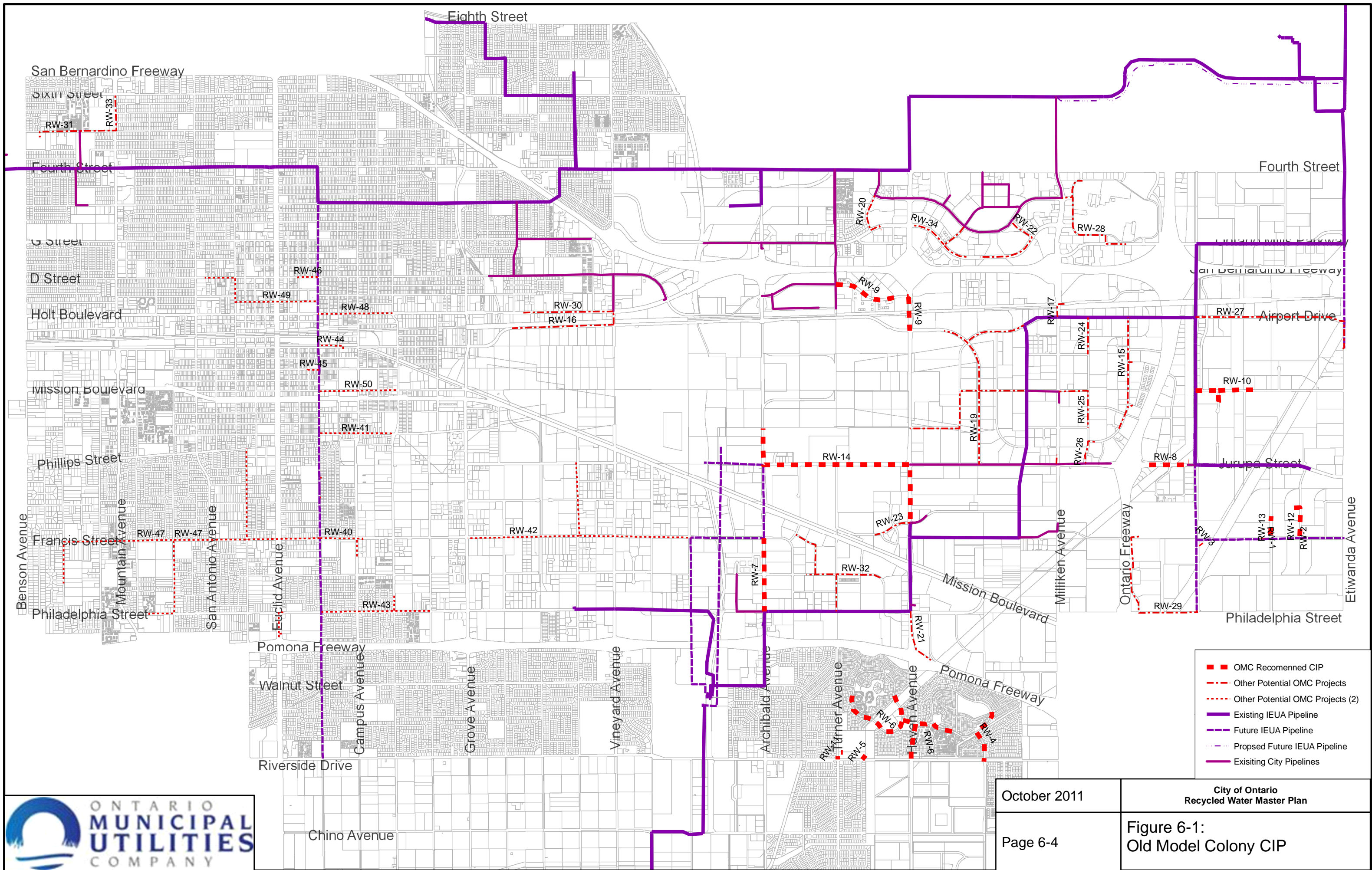
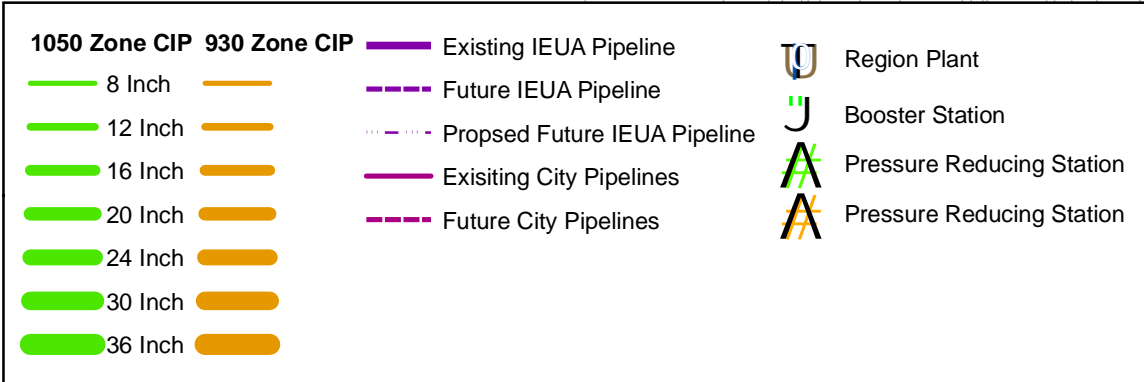
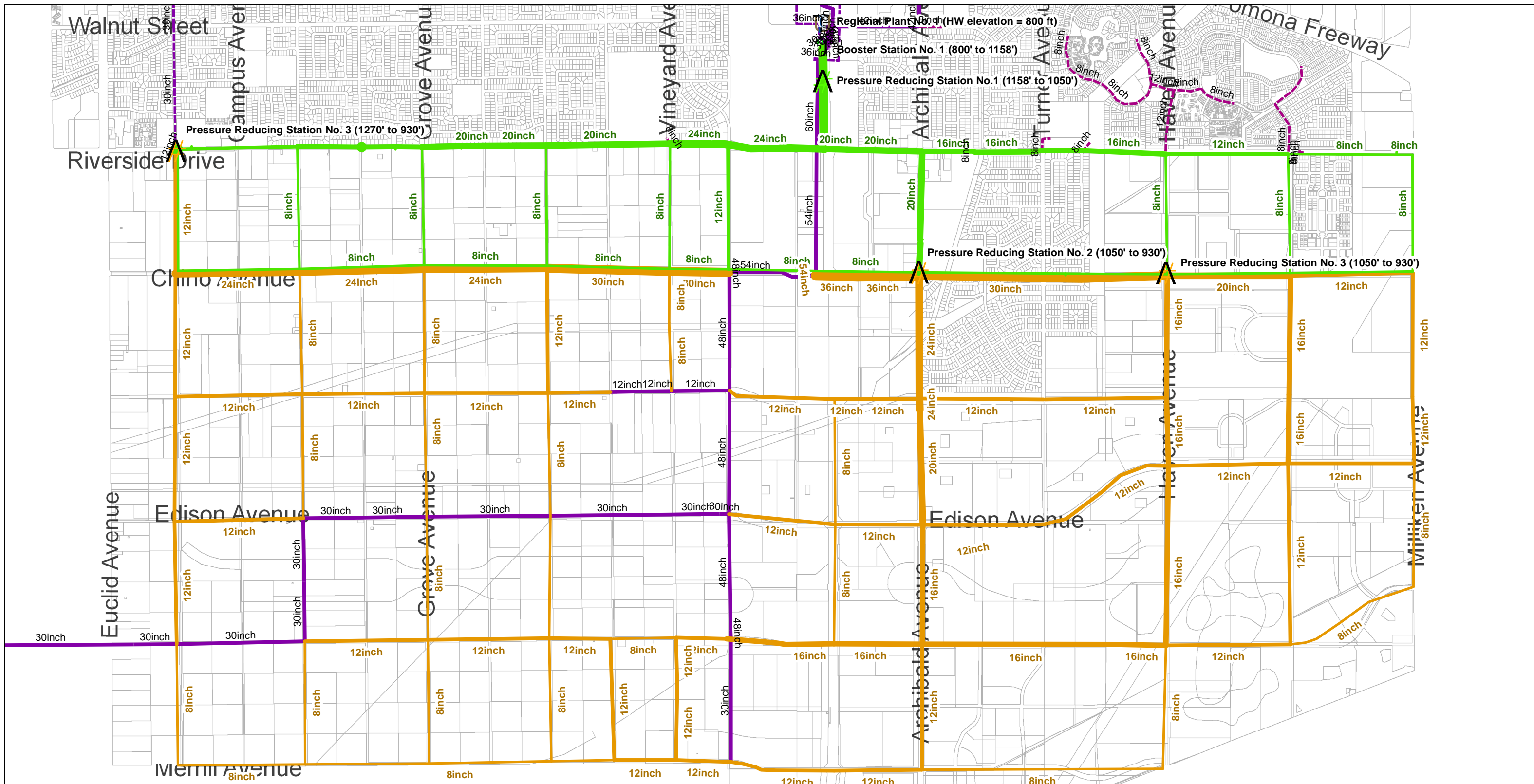
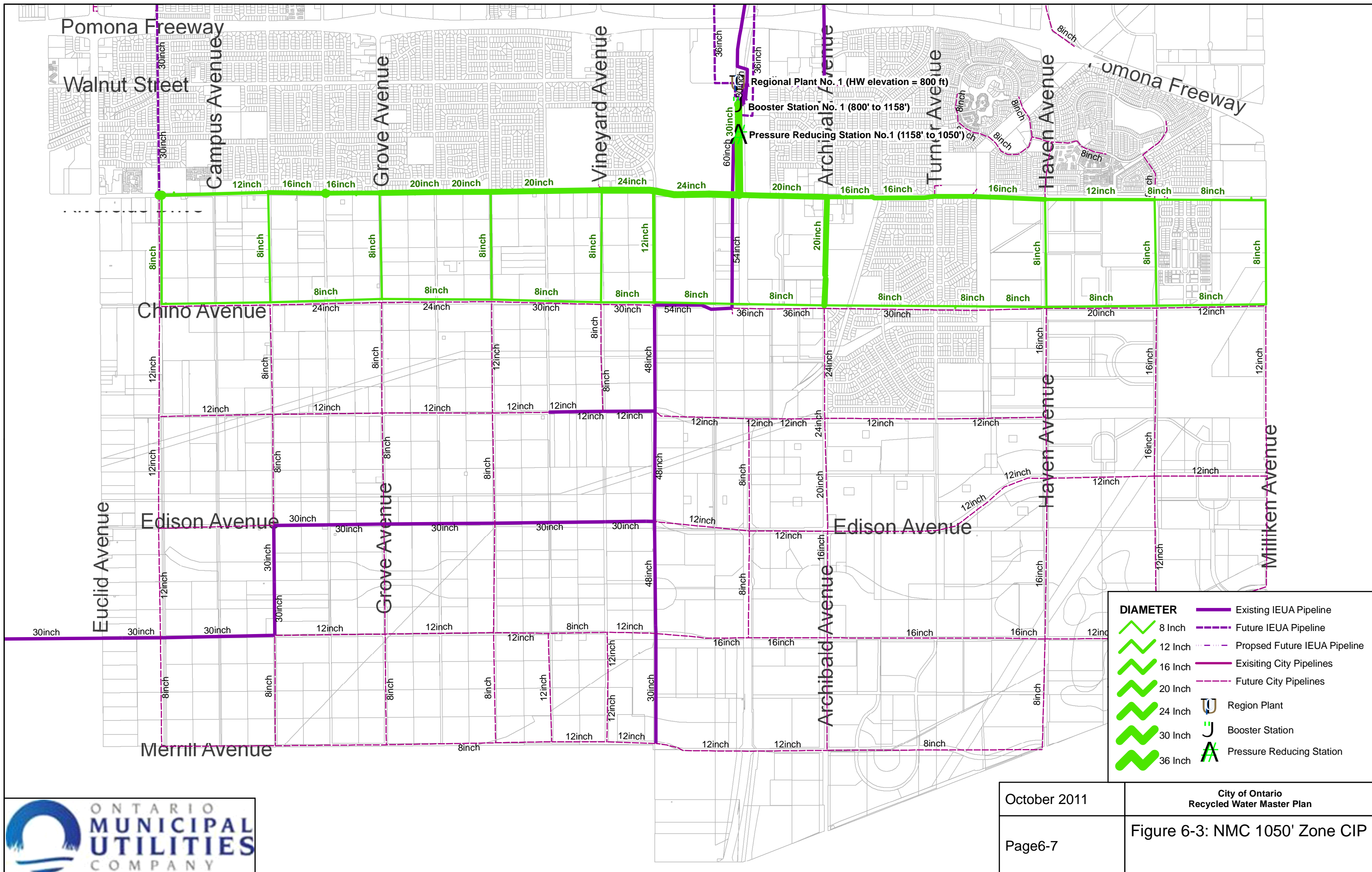


Table 7-2 OMC CIP

Project Number	ID	Street Location	Size (inches)	Length LF	Unit Cost \$/LF	Estimated Cost \$	Construction Needs Supported by Other Resources		Construction Needs Generated by New Model Colony		Construction Needs Generated by Old Model Colony	
							Percent Need	Apportioned Dollar Cost	Percent Need	Apportioned Dollar Cost	Percent Need	Apportioned Dollar Cost
RW-01	NEWP-9720	Connection on Francis	8	28	\$173	\$4,869	0.00%	\$0	0.00%	\$0	100.00%	\$4,869
		Subtotal		28		\$4,869	0.00%	\$0	0.00%	\$0	100.00%	\$4,869
RW-02	NEWP-9724	Connection on Francis	8	15	\$173	\$2,616	0.00%	\$0	0.00%	\$0	100.00%	\$2,616
		Subtotal		15		\$2,616	0.00%	\$0	0.00%	\$0	100.00%	\$2,616
RW-03	NEWP-9422	Performa north of Philadelphia	8	267	\$173	\$46,077	0.00%	\$0	0.00%	\$0	100.00%	\$46,077
		Subtotal		267		\$46,077	0.00%	\$0	0.00%	\$0	100.00%	\$46,077
RW-04	NEWP-9860	Mill Creek Ave/Lytle Creek LP north of Riverside Drive	8	2,227	\$173	\$384,794	0.00%	\$0	0.00%	\$0	100.00%	\$384,794
		Subtotal		2,227		\$384,794	0.00%	\$0	0.00%	\$0	100.00%	\$384,794
RW-05	NEWP-9854	Connection on Riverside	8	226	\$173	\$38,996	0.00%	\$0	0.00%	\$0	100.00%	\$38,996
		Subtotal		226		\$38,996	0.00%	\$0	0.00%	\$0	100.00%	\$38,996
RW-06	NEWP-9830	Haven and Creekside	8	5,408	\$173	\$934,441	0.00%	\$0	0.00%	\$0	100.00%	\$934,441
	NEWP-9898	Haven and Creekside	12	1,882	\$259	\$487,716	0.00%	\$0	0.00%	\$0	100.00%	\$487,716
		Subtotal		7,289		\$1,422,157	0.00%	\$0	0.00%	\$0	100.00%	\$1,422,157
RW-07	NEWP-9669	Archibald between Francis & Philadelphia	8	2,641	\$173	\$456,298	0.00%	\$0	0.00%	\$0	100.00%	\$456,298
		Subtotal		2,641		\$456,298	0.00%	\$0	0.00%	\$0	100.00%	\$456,298
RW-08	NEWP-9662	Jurupa St between I-15 and Wineville	8	1,731	\$173	\$299,070	0.00%	\$0	0.00%	\$0	100.00%	\$299,070
		Subtotal		1,731		\$299,070	0.00%	\$0	0.00%	\$0	100.00%	\$299,070
RW-09		Guasti between Turner and Haven and Haven between Guasti and Airport	8	1,695	\$173	\$292,831	0.00%	\$0	0.00%	\$0	100.00%	\$292,831
		Guasti between Turner and Haven and Haven between Guasti and Airport	12	2,486	\$259	\$644,319	0.00%	\$0	0.00%	\$0	100.00%	\$644,319
		Subtotal		4,180		\$937,150	0.00%	\$0	0.00%	\$0	100.00%	\$937,150
RW-10		Saanta Ana E/O Wineville and Sarah Place	8	2,858	\$173	\$493,803	0.00%	\$0	0.00%	\$0	100.00%	\$493,803
		Subtotal		2,858		\$493,803	0.00%	\$0	0.00%	\$0	100.00%	\$493,803
RW-11		Turner N/O of Riverside	8	425	\$173	\$73,472	0.00%	\$0	0.00%	\$0	100.00%	\$73,472
		Subtotal		425		\$73,472	0.00%	\$0	0.00%	\$0	100.00%	\$73,472
RW-12		Champagne N/O Francis	8	1,358	\$173	\$234,631	0.00%	\$0	0.00%	\$0	100.00%	\$234,631
		Subtotal		1,358		\$234,631	0.00%	\$0	0.00%	\$0	100.00%	\$234,631
RW-13		Wannamaker S/O Airport Drive	8	4,433	\$173	\$766,101	0.00%	\$0	0.00%	\$0	100.00%	\$766,101
		Subtotal		4,433		\$766,101	0.00%	\$0	0.00%	\$0	100.00%	\$766,101
RW-14	102	Vintage N/O Francis	8	822	\$173	\$142,096	0.00%	\$0	0.00%	\$0	100.00%	\$142,096
		Subtotal		822		\$142,096	0.00%	\$0	0.00%	\$0	100.00%	\$142,096
Total				28,500		\$5,302,129	0.00%	\$0	0.00%	\$0	100.00%	\$5,302,129





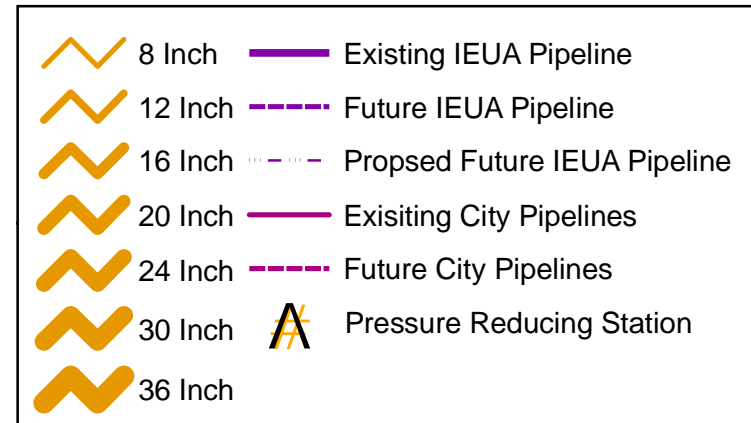
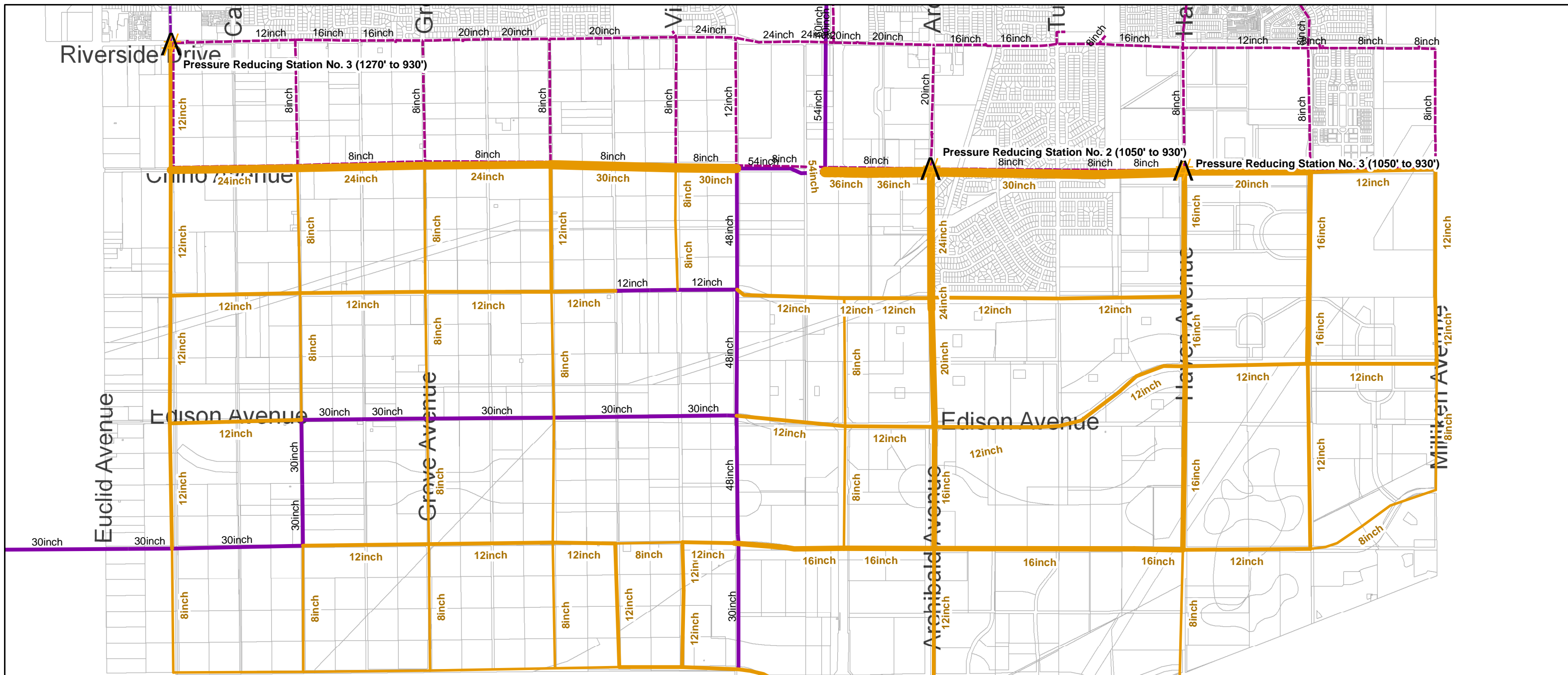


Table 7-3 NMC CIP

Project Number	ID	Street Location	Size (inches)	Length LF	Unit Cost \$/LF	Estimated Cost \$	Construction Needs Supported by Other Resources		Construction Needs Generated by New Model Colony		Construction Needs Generated by Old Model Colony	
							Percent Need	Apportioned Dollar Cost	Percent Need	Apportioned Dollar Cost	Percent Need	Apportioned Dollar Cost
1050 Zone OMC & NMC Shared Facilities		RP1 Booster Station				\$650,000	0.00%	\$0	56.00%	\$364,000	44.00%	\$286,000
		PRS-1				\$330,000	0.00%	\$0	56.00%	\$184,800	44.00%	\$145,200
	NEWP-9814	RP1 Outfall	30	2,164	\$648	\$1,402,479	0.00%	\$0	56.00%	\$785,388	44.00%	\$617,091
	NEWP601	Riverside Ave between Turner & Haven	16	2,653	\$346	\$916,853	0.00%	\$0	56.00%	\$513,438	44.00%	\$403,415
	NEWP-9252	Riverside Ave between Mill Creek & Milliken	8	2,716	\$173	\$469,262	0.00%	\$0	56.00%	\$262,787	44.00%	\$206,475
	NEWP-9596	Riverside Ave between Archibald & Turner	16	2,618	\$346	\$904,943	0.00%	\$0	56.00%	\$506,768	44.00%	\$398,175
	NEWP-9790	Riverside Ave between RP1 outfall & Archibald	24	2,139	\$518	\$1,108,984	0.00%	\$0	56.00%	\$621,031	44.00%	\$487,953
	PHLP-3615	Riverside Ave between Haven & Mill Creek	12	2,611	\$259	\$676,769	0.00%	\$0	56.00%	\$378,991	44.00%	\$297,778
	9012	Riverside Ave between Walker Ave & Vineyard Ave	20	2656	\$432	\$1,147,503	0.00%	\$0	56.00%	\$642,602	44.00%	\$504,901
	9056	Riverside Ave between Vineyard Ave & Diversa Drive	24	1240	\$518	\$642,697	0.00%	\$0	56.00%	\$359,910	44.00%	\$282,787
	NEWP-9240	Riverside Avenue between Bon View Ave & Grove Ave	16	2660	\$346	\$919,124	0.00%	\$0	56.00%	\$514,709	44.00%	\$404,415
	NEWP-9244	Riverside Avenue between Grove Ave & Walker Ave	20	2654	\$432	\$1,146,567	0.00%	\$0	56.00%	\$642,078	44.00%	\$504,490
	NEWP-9750	Riverside Ave between Diversa Drive & RP1 Outfall	24	2061	\$518	\$1,068,195	0.00%	\$0	56.00%	\$598,189	44.00%	\$470,006
	NEWP-9816	Riverside Avenue between Sultana & Bon View Ave	12	2554	\$259	\$661,919	0.00%	\$0	56.00%	\$370,674	44.00%	\$291,244
		Subtotal		28,725		\$12,045,295	0.00%	\$0	56.00%	\$6,745,365	44.00%	\$5,299,930
1050 Zone NMC Facilities		Sultana between Riverside Ave & Chino Ave	8	2,602	\$173	\$449,559	0.00%	\$0	100.00%	\$449,559	0.00%	\$0
		Bon View Ave between Riverside Ave & Chino Ave	8	2,623	\$173	\$453,317	0.00%	\$0	100.00%	\$453,317	0.00%	\$0
		Grove Ave between Riverside Ave & Chino Ave	8	2,529	\$173	\$437,047	0.00%	\$0	100.00%	\$437,047	0.00%	\$0
		Walker between Riverside Ave & Chino Ave	8	2,575	\$173	\$445,037	0.00%	\$0	100.00%	\$445,037	0.00%	\$0
		Vineyard between Riverside Ave & Chino Ave	8	2,680	\$173	\$463,116	0.00%	\$0	100.00%	\$463,116	0.00%	\$0
		Diversa between Riverside Ave & Chino Ave	12	2,668	\$259	\$691,455	0.00%	\$0	100.00%	\$691,455	0.00%	\$0
		Archibald between Riverside Ave & Chino Ave	20	2,591	\$432	\$1,119,139	0.00%	\$0	100.00%	\$1,119,139	0.00%	\$0
		Haven between Riverside Ave & Chino Ave	8	2,569	\$173	\$443,958	0.00%	\$0	100.00%	\$443,958	0.00%	\$0
		Mill Creek between Riverside Ave & Chino Ave	8	2,536	\$173	\$438,151	0.00%	\$0	100.00%	\$438,151	0.00%	\$0
		Milliken between Riverside Ave & Chino Ave	8	2,489	\$173	\$430,085	0.00%	\$0	100.00%	\$430,085	0.00%	\$0
		Chino Ave between Sultana & Milliken	8	26,452	\$173	\$4,570,889	0.00%	\$0	100.00%	\$4,570,889	0.00%	\$0
		Subtotal		52,314		\$9,941,754	0.00%	\$0	100.00%	\$9,941,754	0.00%	\$0

Project Number	ID	Street Location	Size (inches)	Length LF	Unit Cost \$/LF	Estimated Cost \$	Construction Needs Supported by Other Resources		Construction Needs Generated by New Model Colony		Construction Needs Generated by Old Model Colony	
							Percent Need	Apportioned Dollar Cost	Percent Need	Apportioned Dollar Cost	Percent Need	Apportioned Dollar Cost
930 Zone NMC Facilities	PRS-2				\$0	\$330,000	0.00%	\$0	100.00%	\$330,000	0.00%	\$0
	PRS-3				\$0	\$330,000	0.00%	\$0	100.00%	\$330,000	0.00%	\$0
	PRS-4				\$0	\$330,000	0.00%	\$0	100.00%	\$330,000	0.00%	\$0
		Chino Ave between Sultana & Walker	24	7,946	\$518	\$4,119,090	0.00%	\$0	100.00%	\$4,119,090	0.00%	\$0
		Chino Ave between Walker & Carpenter	30	3,894	\$648	\$2,523,473	0.00%	\$0	100.00%	\$2,523,473	0.00%	\$0
		Chino Ave between Carpenter & Cucamonga Channel	54	145	\$1,166	\$169,592	0.00%	\$0	100.00%	\$169,592	0.00%	\$0
		Chino Ave between Cucamonga Channel & Archibald	36	2,210	\$778	\$1,718,268	0.00%	\$0	100.00%	\$1,718,268	0.00%	\$0
		Chino Ave between Archibald & Haven	30	5,309	\$648	\$3,440,467	0.00%	\$0	100.00%	\$3,440,467	0.00%	\$0
		Chino Ave between Haven & Mill Creek	20	2,636	\$432	\$1,138,912	0.00%	\$0	100.00%	\$1,138,912	0.00%	\$0
		Chino Ave between Mill Creek & Milliken	12	2,616	\$259	\$678,169	0.00%	\$0	100.00%	\$678,169	0.00%	\$0
		Schaefer Ave between Sultana & Baker	12	9,316	\$259	\$2,414,641	0.00%	\$0	100.00%	\$2,414,641	0.00%	\$0
		Schaefer Ave between Diversa & Archibald	12	4,121	\$259	\$1,068,200	0.00%	\$0	100.00%	\$1,068,200	0.00%	\$0
		Schaefer Ave between Archibald & Edison	16	4,623	\$346	\$1,597,874	0.00%	\$0	100.00%	\$1,597,874	0.00%	\$0
		Edison Ave between Sultana & Bon View	12	2,752	\$259	\$713,366	0.00%	\$0	100.00%	\$713,366	0.00%	\$0
		Edison Ave between Carpenter & Schaefer	12	8,222	\$259	\$2,131,102	0.00%	\$0	100.00%	\$2,131,102	0.00%	\$0
		Edison Ave between Schaefer & Haven	16	1,565	\$346	\$541,011	0.00%	\$0	100.00%	\$541,011	0.00%	\$0
		Edison Ave between Haven & Milliken	12	5,261	\$259	\$1,363,563	0.00%	\$0	100.00%	\$1,363,563	0.00%	\$0
		Eucalyptus Ave between Bon View & Baker	12	5,261	\$259	\$1,363,563	0.00%	\$0	100.00%	\$1,363,563	0.00%	\$0
		Eucalyptus Ave between Vineyard & Carpenter	12	1,087	\$259	\$281,869	0.00%	\$0	100.00%	\$281,869	0.00%	\$0
		Eucalyptus Ave between Carpenter & Haven	16	9,396	\$346	\$3,247,238	0.00%	\$0	100.00%	\$3,247,238	0.00%	\$0
		Eucalyptus Ave between Haven & Mill Creek	12	2,666	\$259	\$690,979	0.00%	\$0	100.00%	\$690,979	0.00%	\$0
		Eucalyptus Ave between Mill Creek & Milliken	8	2,947	\$173	\$509,178	0.00%	\$0	100.00%	\$509,178	0.00%	\$0
		Merrill Ave between Sultana & Grove Ave	8	5,372	\$173	\$928,243	0.00%	\$0	100.00%	\$928,243	0.00%	\$0
		Merrill Ave between Walker & Archibald	12	6,612	\$259	\$1,713,893	0.00%	\$0	100.00%	\$1,713,893	0.00%	\$0
		Merrill Ave between Archibald & Haven	8	5,147	\$173	\$889,465	0.00%	\$0	100.00%	\$889,465	0.00%	\$0
		Sultana Ave between Chino & Eucalyptus Ave	12	7,923	\$259	\$2,053,534	0.00%	\$0	100.00%	\$2,053,534	0.00%	\$0
		Sultana Ave between Eucalyptus Ave & Merrill	8	2,596	\$173	\$448,593	0.00%	\$0	100.00%	\$448,593	0.00%	\$0
		Bon View Ave between Chino & Edison	8	5,267	\$173	\$910,201	0.00%	\$0	100.00%	\$910,201	0.00%	\$0
		Bon View Ave between Eucalyptus & Merrill	8	2,638	\$173	\$455,830	0.00%	\$0	100.00%	\$455,830	0.00%	\$0
		Grove Ave between Chino Ave & Merrill	8	10,571	\$173	\$1,826,703	0.00%	\$0	100.00%	\$1,826,703	0.00%	\$0
	Walker Ave between Chino Ave & Schaefer	12	2,662	\$259	\$690,034	0.00%	\$0	100.00%	\$690,034	0.00%	\$0	
	Walker Ave between Schaefer & Eucalyptus	8	5,249	\$173	\$907,057	0.00%	\$0	100.00%	\$907,057	0.00%	\$0	
	Baker Ave between Eucalyptus & Merrill	12	2,594	\$259	\$672,396	0.00%	\$0	100.00%	\$672,396	0.00%	\$0	

Continued

Project Number	ID	Street Location	Size (inches)	Length LF	Unit Cost \$/LF	Estimated Cost \$	Construction Needs Supported by Other Resources		Construction Needs Generated by Model Colony New		Construction Needs Generated by Old Model Colony	
							Percent Need	Apportioned Dollar Cost	Percent Need	Apportioned Dollar Cost	Percent Need	Apportioned Dollar Cost
930 Zone NMC Facilities Contin'd		Vineyard Ave between Chino & Schaefer	8	2,558	\$173	\$442,048	0.00%	\$0	100.00%	\$442,048	0.00%	\$0
		Vineyard Ave between Eucalyptus & Merrill	12	2,617	\$259	\$678,322	0.00%	\$0	100.00%	\$678,322	0.00%	\$0
		Cucamonga Channel between Schaefer & Eucalyptus	8	5,170	\$173	\$893,332	0.00%	\$0	100.00%	\$893,332	0.00%	\$0
		Archibald between Chino & Schaefer	24	2,867	\$518	\$1,486,093	0.00%	\$0	100.00%	\$1,486,093	0.00%	\$0
		Archibald between Schaefer & Edison	20	2,463	\$432	\$1,063,866	0.00%	\$0	100.00%	\$1,063,866	0.00%	\$0
		Archibald between Edison & Eucalyptus	16	2,549	\$346	\$881,105	0.00%	\$0	100.00%	\$881,105	0.00%	\$0
		Archibald between Eucalyptus & Merrill	12	2,687	\$259	\$696,590	0.00%	\$0	100.00%	\$696,590	0.00%	\$0
		Haven between Chino Ave & Eucalyptus	16	7,905	\$346	\$2,731,839	0.00%	\$0	100.00%	\$2,731,839	0.00%	\$0
		Haven between Eucalyptus & Merrill	8	2,644	\$173	\$456,959	0.00%	\$0	100.00%	\$456,959	0.00%	\$0
		Mill Creek Ave between Chino Ave & Edison Ave	16	4,014	\$346	\$1,387,356	0.00%	\$0	100.00%	\$1,387,356	0.00%	\$0
		Mill Creek Ave between Edison Ave & Eucalyptus	12	4,014	\$259	\$1,040,517	0.00%	\$0	100.00%	\$1,040,517	0.00%	\$0
		Milliken between Chino Ave & Edison Ave	12	4,071	\$259	\$1,055,146	0.00%	\$0	100.00%	\$1,055,146	0.00%	\$0
		Milliken between Edison Ave & Eucalyptus	8	2,638	\$173	\$455,863	0.00%	\$0	100.00%	\$455,863	0.00%	\$0
		Subtotal		184,804		\$55,465,538	0.00%	\$0	100.00%	\$55,465,538	0.00%	\$0
	Total		265,843		\$77,452,587		\$0		\$72,152,658		\$5,299,930	