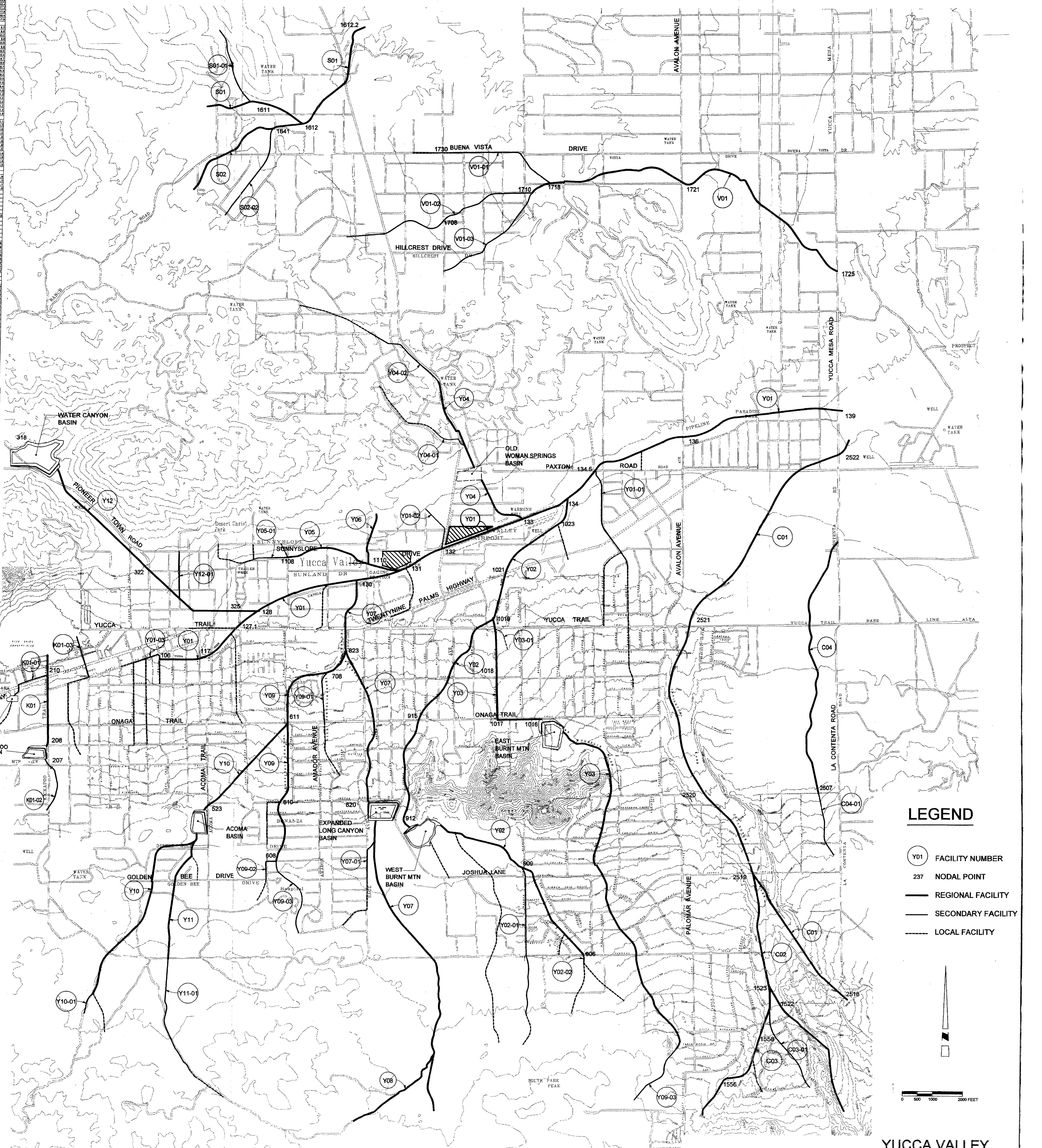
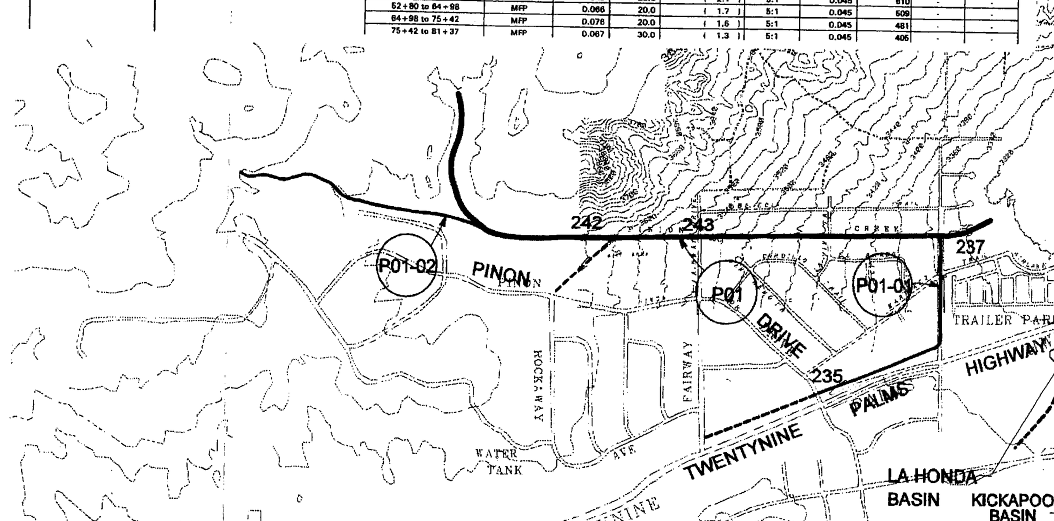
REGIONAL, SECONDARY, AND LOCAL FACILITIES

DETAINED

Facility No.	Facility Name	Node to Node	Location	Station to Station	Type of Facility	Channel Slope	Base Width/ Diameter	Depth (feet) Design (Normal)	Sideslope	Manning's "n"	25-Year Flowrate (cfs)	100-Year Flowrate (cfs)	Velocity (fps)
Y01	Yucca Wash	138 to 139	Ronald Dr. to Yucca Mesa	1+50 to 21+65	RRSS	0.014	60.0	12.9 (6.9)	2:1	0.028	-	10,097	18.8
		137 to 138	Golata Ave. to Ronald Dr.	21+65 to 35+84	RRSS	0.014	60.0	12.9 (6.8)	2:1	0.028	-	9,965	19.7
		136 to 137	Avalon Ave. to Golata Ave.	36+84 to 55+50	RRSS	0.014	60.0	12.9 (6.8)	2:1	0.028	-	9,843	19.7
		135.1 to 136	Prescott Ave. to Avalon Ave.	55+50 to 72+00	RRSS	0.009	60.0	14.5 (7.6)	2:1	0.028	-	9,665	18.8
		135 to 135.1	Paxton Rd. to Prescott Ave.	72+00 to 87+61	RRSS	0.009	60.0	14.5 (7.6)	2:1	0.028	-	9,562	16.8
		134 to 135	Burnt Mt. Wash to Paxton Rd.	87+61 to 101+99	RRSS	0.009	60.0	14.5 (7.6)	2:1	0.028	-	9,520	16.7
		133 to 134	OWS Chnnl to Burnt Mt. Wash	101+99 to 118+37	RRSS	0.008	60.0	14.5 (8.0)	2:1	0.028	-	8,533	14.1
		132 to 133	OWS Rd. to OWS Chnnl.	118+37 to 147+22	RRSS	0.007	60.0	13.5 (7.3)	2:1	0.029	-	7,888	14.8
		131 to 132	Buena Vista Wash confl. to OWS Rd.	147+22 to 161+70	RRSS	0.007	60.0	13.5 (7.1)	2:1	0.028	-	7,472	14.2
		130 to 131	Sage Ave. to Buena Vista Wash	161+70 to 175+41	RRSS	0.007	60.0	12.1 (6.4)	2:1	0.028	-	6,241	13.4
	(EXISTING)		Long Canyon confl. to Sage Ave.	175+41 to 178+42	CLC	0.009	65.0	11.0 (4.1)	Vert.	0.014	-	6,241	23.7
	(EXISTING)	129 to 130	340' U/S of confluence to Long Cyn confl.	178+42 to 181+82	CLC	0.009	32.0	11.0 (4.8)	Vert.	0.014	-	3,446	23.5
	(EXISTING)		239' D/S of Grand Ave. to 340' U/S of Long Cyn.	181+82 to 186+17	RLC	0.007	58.0	11.0 (5.3)	1.5:1	0.035	-	3,446	8.8
		128 to 129	Palm Ave. to 239' D/S of Grand Ave.	186+17 to 202+35	RRSS	0.008	30.0	12.0 (6.3)	2:1	0.030	-	3,446	13.0
		127.1 to 128	Water Cyn. to Palm Ave.	202+35 to 213+94	RRSS	0.008	30.0	12.0 (6.1)	2:1	0.030	-	3,241	12.7
		127 to 127.1	SR 62 to Water Cyn. confl.	213+94 to 220+00	RRSS	0.007	30.0	9.3 (4.5)	2:1	0.028	-	1,705	8.8
		117 to 127	Acoma Trail to SR 62	220+00 to 223+36	RRSS	0.016	18.0	9.6 (4.5)	2:1	0.030	-	1,680	13.6
		116 to 117		223+36 to 235+00	RRSS	0.008	18.0	9.6 (4.7)	2:1	0.030	-	1,327	10.4
		115 to 116	Deer Trail to Acoma Trail	235+00 to 238+33	RRSS	0.012	18.0	8.8 (4.2)	2:1	0.030	-	1,149	11.2
		112.1 to 115		238+33 to 243+93	CLC	0.010	16.0	7.2 (3.1)	1:1	0.014	-	1,069	17.8
		106 to 112.1		243+93 to 248+23	CLC	0.009	16.0	7.2 (3.0)	1:1	0.014	-	927	16.4
				248+23 to 252+44	CLC	0.013	16.0	7.2 (2.5)	1:1	0.014	-	821	17.9
	Yucca Wash Tributaries:												
LOCAL	Church Channel	123 to 125	Papago Trail to Yucca Wash		SBC	0.033	8.0	4.2 (1.1)	2:1	0.025	104	-	9.7
	(EXISTING)		Pueblo Trail to Papago Trail		SBC	0.033	8.0	4.2 (1.1)	2:1	0.025	104	-	9.6
	Along Deer Trail	105 to 106	Onaga Trail to Pueblo Trail		SBC	0.040	8.0	4.0 (1.0)	2:1	0.025	102	-	10.2
	Along Elk Trail	420 to 422	Onaga Trail to Yucca Wash		STF	0.035	26.0	(0.31)		0.018	102	-	8.8
		419 to 420	Navajo Trail to Onaga Trail		STF	0.036	26.0	(0.54)		0.018	183	-	10.5
	Along Fox Trail	413 to 415	Onaga Trail to Yucca Wash		STF	0.027	26.0	(0.51)		0.018	173	-	9.8
			Navajo Trail to Onaga Trail		STF	0.030	36.0	(0.47)		0.018	245	-	10.5
	Twenty-Nine Palms Hwy Drain	128.5 to 127			STF	0.029	26.0	(0.53)		0.018	245	-	10.4
	Paxton Road Drain	857 to 131			STF	0.018	44.0	(0.26)		0.018	140	-	6.7
					RRSS	0.023	8.0	5.5 (2.0)	2:1	0.029	231	-	9.8
					RCP	0.018	4.5	(3.3)		0.013	231	-	18.7
	Grand Avenue Drain	129.04 to 129.1			RCP	0.014	4.0	(3.0)		0.013	152	-	15.3
	Prescott Avenue Drain	1418 to 135.1			SBC	0.015	8.0	4.9 (1.6)	2:1	0.025	150	-	8.2
Y01-01	Hanford Avenue	1079 to 134			SBC	0.031	6.0	6.4 (1.9)	2:1	0.025	240	-	12.5
			Diadem Dr. to Yucca Wash	0+00 to 19+43	RRSS	0.019	10.0	5.7 (2.8)	2:1	0.029	483	-	11.0
			SR 62 to Diadem Dr.	19+43 to 24+30	RCB	0.010	7.0	7.0 (4.2)	Vert.	0.014	483	-	16.4
LOCAL	Extension of Y01-01	1086 to 1079	Sunnyslope to SR62	24+30 to 29+55	RLC	0.025	10.0	7.0 (3.0)	1.5:1	0.035	483	-	11.0
			Alta Mesa to Sunnyslope		STF	0.034	26.0	(0.53)		0.018	195	-	11.3
			Arcadia to Alta Mesa		STF	0.040	26.0	(0.50)		0.018	196	-	11.9
			Pueblo Trail to Arcadia		RLC	0.040	6.0	5.5 (2.0)	1.5:1	0.035	195	-	10.8
LOCAL	Y01-01 Tributary	1078 to 1079	Ute Trail to Pueblo Trail		STF	0.033	26.0	(0.54)		0.018	196	-	11.2
Y01-02	Crestview Wash	1239 to 132	Boles Ave. Drain		STF	0.031	26.0	(0.69)		0.018	214	-	11.4
		1238 to 1239	Crestview Dr. to Yucca Wash	0+00 to 6+05	RLC	0.028	10.0	7.2 (3.1)	1.5:1	0.035	535	-	11.8
Y01-03	Santa Fe Trail	422 to 106		6+05 to 15+88	MFP	0.072	10.0	(2.3)	4:1	0.045	535	-	-
			Elk Trail to Deer Trail	252+44 to 258+64	STF	0.010	36.0	(1.3)		0.018	521	-	10.1
LOCAL	Extension of Y01-03	415 to 422	Fox Trail to Elk Trail	258+64 to 263+25	STF	0.010	36.0	(1.0)		0.018	359	-	8.7
		408 to 415	Along Santa Fe Trail		STF	0.030	36.0	(0.24)		0.018	118	-	8.9
Y02	West Burnt Mtn. Wash	1022 to 134	Sunnyslope Dr. to Yucca Wash	0+00 to 21+71	RRSS	0.018	30.0	6.1 (3.6)	2:1	0.029	-	1,863	14.0
		1021 to 1022	SR62 to Sunnyslope Dr.	21+71 to 34+33	RLC	0.028	28.0	6.1 (3.8)	1.5:1	0.035	-	1,768	14.8
		1020 to 1021	Alta to SR 62	34+33 to 40+00	RLC	0.028	12.0	7.7 (5.2)	1.5:1	0.035	-	1,664	16.0
		1019 to 1020	"600' D/S of Yucca Trail to Alta	40+00 to 50+50	RLC	0.028	12.0	7.7 (5.0)	1.5:1	0.035	-	1,535	15.6
		918 to 1019	Elata Ave. to "600' D/S of Yucca Trail	50+50 to 58+00	RLC	0.030	6.0	6.5 (4.0)	1.5:1	0.035	-	824	13.0
		916 to 918		58+00 to 82+94	RLC	0.030	6.0	6.5 (3.6)	1.5:1	0.035	-	516	12.4
		915 to 916	Onaga Trail to Elata Ave.	82+94 to 93+79	RLC	0.030	6.0	5.9 (3.4)	1.5:1	0.035	-	452	11.9
		913 to 915	Joshua Ln. to Onaga Trail	93+79 to 120+00	RLC	0.030	6.0	5.9 (3.1)	1.5:1	0.035	-	381	11.4
		912 to 913	W. Burnt Mtn. Basin to Joshua Ln.	120+00 to 132+25	RLC	0.030	6.0	5.9 (2.9)	1.5:1	0.035	-	331	11.0
		911 to 912	Warren Vista Ave. to W. Burnt Mtn. Basin	0+00 to 5+48	MFP	0.017	10.0	(6.4)	4:1	0.045	-	2,309	-
		909 to 911		5+48 to 30+10	MFP	0.026	10.0	(5.0)	4:1	0.045	-	1,644	-
		906 to 909	Juarez Dr. to Warren Vista Ave.	30+10 to 50+71	RRSS	0.024	12.0	8.2 (3.6)	2:1	0.029	-	1,108	14.9
			Catalina to Juarez Dr.	50+71 to 59+67	RRSS	0.028	12.0	8.2 (3.7)	2:1	0.029	-	1,108	15.7
			San Andreas to Catalina	59+67 to 68+76	RRSS	0.028	12.0	7.6 (3.4)	2:1	0.029	-	946	15.1
LOCAL	West Burnt Mtn. Wash Tributary	1067 to 1023	Hilton Ave. Drain		RLC	0.110	6.0	4.8 (1.5)	1.5:1	0.035	191	-	15.0
LOCAL	West Burnt Mtn. Wash Tributary	949 to 912	Beginning at Joshua Ln.		MFP	0.039	10.0	(1.9)	4:1	0.045	230	-	-
LOCAL	West Burnt Mtn. Wash Tributary	941 to 911	Beginning "3000' U/S San Andreas Rd.		MFP	0.033	20.0	(1.5)	4:1	0.045	294	-	-
					MFP	0.030	20.0	(1.6)	5:1	0.045	279	-	-
					MFP	0.030	20.0	(1.5)	5:1	0.045	252	-	-
LOCAL	West Burnt Mtn. Wash Tributary	930 to 907	Beginning at San Andreas Rd.		MFP	0.030	20.0	(1.0)	5:1	0.045	130	-	-
Y02-01	Warren Vista Drain	938 to 909	San Andreas to W. Burnt Mtn. Wash		MFP	0.067	10.0	(1.2)	4:1	0.045	135	-	-
Y02-01	Warren Vista Drain	937 to 938		0+00 to 30+64	RLC	0.035	8.0	6.7 (2.8)	1.5:1	0.035	426	-	12.2
LOCAL	Extension of Y02-01	936 to 937		30+64 to 50+10	MFP	0.051	30.0	(1.5)	4:1	0.045	328	-	-
Y02-02	Extension of Y02	905 to 906	to San Andreas	68+76 to 71+58	MFP	0.150	20.0	(0.87)	4:1	0.045	214	-	-
LOCAL	Extension of Y02-02	905 to 906			MFP	0.033	10.0	(3.0)	4:1	0.045	609	-	-
		925 to 905			MFP	0.053	20.0	(1.4)	4:1	0.045	296	-	-
		904 to 905			MFP	0.039	20.0	(1.4)	4:1	0.045	239	-	-
					MFP	0.039	20.0	(0.84)	4:1	0.045	126	-	-
Y03	East Burnt Mtn. Wash	1018 to 1019	Pueblo Trail to West Burnt Mt. Wash	0+00 to 19+55	RCB	0.021	6.0	6.0 (5.3)	Vert.	0.014	-	746	23.6
		1017 to 1018	Onaga Trail to Pueblo Trail	19+55 to 33+63	RCB	0.021	6.0	6.0 (5.3)	Vert.	0.014	-	746	23.6
		1016 to 1017	E. Burnt Mtn. Basin to Lucerne Vista	33+63 to 48+60	RLC	0.034	8.0	5.6 (3.1)	1.5:1	0.035	-	388	12.1
		1014 to 1016	Joshua Dr. to E. Burnt Mtn. Basin	0+00 to 30+41	RLC	0.034	16.0	9.7 (4.8)	1.5:1	0.035	-	1,919	17.4
		1013 to 1014	Bonanza Dr to Joshua Dr	30+41 to 39+26	RRSS	0.036	16.0	8.1 (3.7)	2:1	0.028	-	1,681	19.4
		1012 to 1013	El Dorado to Bonanza Dr	39+26 to 53+82	RRSS	0.034	12.0	7.9 (3.6)	2:1	0.029	-	1,187	17.2
		1011 to 1012	Juarez Dr. to El Dorado	53+82 to 71+00	RRSS	0.038	12.0	7.6 (3.4)	2:1	0.029	-	1,148	17.7
		1010 to 1011	San Andreas to Juarez Dr.	71+00 to 87+45	RRSS	0.038	12.0	7.6 (3.3)	2:1	0.029	-	1,039	17.3
		1009 to 1010	Santa Maria Dr. to San Andreas	87+45 to 108+12	MFP	0.040	20.0	(3.0)	4:1	0.045	-	1,039	-
		1008 to 1009		108+12 to 124+28	MFP	0.040	20.0	(2.9)	4:1	0.045	-	1,009	-
Y03-02	Extension of Y03	1007 to 1008		124+28 to 146+80	MFP	0.044	20.0	(2.5)	4:1	0.045	787	-	-
Y03-01	East Burnt Mtn. Wash Tributary	1018.6 to 1019	Beginning at Pueblo Tr. to Yucca Trail	0+00 to 8+12	SBC	0.029	8.0	5.8 (2.2)	2:1	0.025	380	-	13.3
LOCAL	Extension of Y03-01	1018.5 to 1018.6			SBC	0.029	8.0	4.2 (1.1)	2:1	0.025	103	-	9.2
LOCAL	East Burnt Mtn. Wash Tributary	1055 to 1017	Beginning at Navajo Tr. to Yucca Trail		MFP	0.015	10.0	(2.3)	4:1	0.045	244	-	5.4
		1054 to 1055			STF	0.016	26.0	(0.61)		0.018	236	-	9.8
Y04	OWS Channel (EXISTING)	1313 to 133	Basin Outlet to Yucca Wash	0+00 to 20+85	CLC	0.046	10.0	7.0 (3.6)	Vert.	0.014	-	1,337	37.2
Y04	OWS Channel (EXISTING)	1312 to 1313	OWS Road to Basin	0+00 to 13+94	RLC	0.076	24.0	8.0 (2.6)	1.5:1	0.035	-	1,418	19.6
Y04	OWS Channel	1310 to 1312	"500' U/S Buena Suerte to OWS Rd	13+94 to 31+58	RLC	0.078	12.0	6.7 (2.6)	1.5:1	0.035	-	892	18.3
Y04-01	Farello Wash	1321 to 1312		0+00 to 11+88	SBC	0.066	8.0	4.9 (1.6)	2:1	0.025			18.3
LOCAL	Extension of Y04-01	1320 to 1321			SBC	0.082	8.0	4.6 (1.4)	2:1	0.025	352	-	18.3
		1319 to 1320			SBC	0.082	8.0	4.6 (1.4)	2:1	0.025	252	-	17.4
Y04-02	Extension of Y04	1308 to 1310			SBC	0.070	8.0	4.6 (1.4)	2:1	0.025	233	-	16.1
		1307 to 1308	Sari Refest to Oakwood	31+56 to 49+12	RLC	0.062	12.0	6.4 (2.6)	1.5:1	0.035	669	-	16.3
LOCAL	Extension of Y04-02	1306 to 1307		49+12 to 60+87	RRSS	0.062	8.0	5.4 (1.9)	2:1	0.028	404	-	18.5
		1305 to 1306			RRSS	0.070	8.0	3.4 (1.6)	2:1	0.028	296	-	15.8
					MFP	0.072	10.0	(1.8)	4:1	0.045	267	-	-
Y05	Buena Vista Wash	1110 to 131	Sage Chnnl confl. to Yucca Wash	0+00 to 11+02	RRSS	0.008	30.0	10.0 (5.0)	2:1	0.027	-	2,109	10.5
		1109 to 1110	Grand Ave. to Sage Chnnl.	11+02 to 26+03	SBC	0.010	20.0	7.6 (3.4)	2:1	0.025	-	1,022	11.2
		1108 to 1109	Palm Ave. to Grand Ave.	26+03 to 40+17	SBC	0.012	20.0	7.6 (3.1)	2:1	0.025	-	959	11.7
Y05-01	Extension of Y05	1107 to 1108	Tamarisk Ave. to Palm Ave.	40+17 to 51+81	SBC	0.015	10.0	6.4 (2.6)	2:1	0.025	438	-	10.9
LOCAL	Buena Vista Wash Tributaries	1145 to 1110	Between Sunnyslope & Sunland Dr.		MFP	0.005	10.0	(2.2)	4:1	0.045	127	-	-
		1135 to 1108	Confluences at Palm Ave.		MFP	0.007	10.0	(3.1)	4:1	0.045	288	-	-
		1126 to 1107	Confluences at Tamarisk Ave.		STF	0.072	26.0	(0.40)		0.018	194	-	14.2
LOCAL	Extension of Y05-01	1106 to 1107	Along Buena Vista Wash		STF	0.056	36.0	(0.41)		0.018	246	-	11.5
			Bet/ Sunnyslope Dr. and Buena Vista		SBC	0.014	10.0	4.6 (1.4)	2:1	0.025	246	-	13.0
		1105 to 1106	Between Mohawk Dr. and Scenvan Dr.		MFP	0.086	10.0	(1.3)	4:1	0.045	199	-	-
Y06	Sage Channel	1212 to 1110	from Sunnyslope to Yucca Wash	0+00 to 4+09	RLC	0.050	30.0	5.7 (2.1)	1.5:1	0.035	-	979	14.2
			to Sunnyslope Dr.	4+09 to 7+44	STF	0.050	36.0	(1.1)		0.018	-	979	21.1
Y07	Long Canyon Channel (EXISTING)	824 to 130	Facility limit to Sunnyslope Dr.	7+44 to 17+25	RLC	0.060	30.0	5.6 (2.0)	1.5:1	0.035	-	979	15.1
			"450' U/S of Yucca Wash to YW confl.	0+00 to 4+50	2-CLC	0.020	15.5	11.0 (3.6)	Vert.	0.014	-	3,453	30.8
			Culvert at Antelope Tr. to "450' U/S YW	4+50 to 10+00	CLC	0.020	31.0	11.0 (3.6)	Vert.	0.014	-	3,453	30.8
Y07	Long Canyon Channel	823 to 824	SR 62 to culvert at Antelope Tr.	10+00 to 16+80	CLC	0.020	28.0	11.0 (3.9)	Vert.	0.014	-	3,453	31.8
		821 to 823	Hospital Chnnl confl. to SR 62	16+80 to 23+90	RLC	0.017	30.0	8.4 (5.9)	1.5:1	0.035	-	3,432	15.0
		820 to 821	Navajo Trail to Hospital Chnnl confl.	23+90 to 60+00	RLC	0.033	12.0	7.3 (4.8)	1.5:1	0.035	-	1,539	16.6
		819 to 820	Joshua Dr. to Navajo Trail	60+00 to 78+92	RLC	0.033	12.0	7.3 (4.8)	1.5:1	0.035	-	1,507	16.5
		818 to 819	Golden Bee Dr. to Long Canyon Basin	0+00 to 22+17	RLC	0.038	30.0	11.2 (5.8)	1.5:1	0.035	-	4,846	21.6
		817 to 818	Ivanhoe Dr. to Golden Bee Dr.	22+17 to 30+00	MFP	0.039	20.0	(6.0)	4:1	0.045	-	4,249	-
		816 to 817	Town Limit to Ivanhoe Dr.	30+00 to 42+96	MFP	0.039	20.0	(5.9)	4:1	0.045	-	4,081	-
		813 to 816		42+96 to 54+80	MFP	0.038	20.0	(5.8)	4:1	0.045	-	3,892	-
		812 to 813		54+80 to 88+65	MFP	0.040	20.0	(5.6)	4:1	0.045	-	3,643	-
				88+65 to 104+59	MFP	0.061	20.0	(4.1)	4:1	0.045	-	2,379	-
Y07-01	Sage Avenue Drain	884 to 820	Desert Gold to Long Cyn confl.	0+00 to 3+55	SBC	0.023	8.0	5.8 (2.2)	2:1	0.025	314	-	11.8
LOCAL	Extension of Y07-01	883 to 884	Golden Bee Dr. to Desert Gold	3+55 to 13+40	STF	0.018	26.0	(0.74)		0.018	314	-	13.8
		882 to 883	Facility Limit to Golden Bee		STF	0.044	26.0	(0.81)		0.018	283	-	13.7
Y08	Long Canyon Channel Tributaries	830 to 813		0+00 to 16+50	MFP	0.048	25.0	(3.1)	4:1	0.045	-	1,443	-
		829 to 830		16+50 to 36+23	MFP	0.046	25.0	(2.9)	4:1	0.045	-	1,288	-
Y09	Hospital Channel	708 to 823	H.S. Chnnl confl. to Long Cyn.	0+00 to 10+00	RLC	0.016	26.0	7.8 (5.3)	1.5:1	0.035	-	2,438	13.5
		612 to 708	Pueblo Trail to H.S. Chnnl confl.	10+00 to 22+08	RLC	0.016	26.0	7.8 (5.2)	1.5:1	0.035	-	2,345	13.4
		611 to 612	Onaga Trail to Pueblo Trail	22+08 to 36+88	RLC	0.026	26.0	6.9 (4.4)	1.5:1	0.035	-	2,226	15.6
		610 to 611	Joshua Dr. to Onaga Trail	36+89 to 64+55	RLC	0.037	15.0	9.7 (4.8)	1.5:1	0.035	-	1,823	18.1
		609 to 610	El Dorado Dr. to Joshua Dr.	64+55 to 75+00	RLC	0.061	15.0	7.8 (3.8)	1.5:1	0.035	-	1,272	18.0
		608 to 609		75+00 to 84+00	RLC	0.051	15.0	7.8 (3.4)	1.5:1	0.035	-	1,187	17.8
Y09-01	High School Channel	707 to 708	Onaga Td. to Hospital Chnnl confl.	0+00 to 17+14	RLC	0.033	12.0	5.7 (2.1)	1.5:1	0.035	341	-	10.7
LOCAL	Extension of Y09-01	705 to 707	Mountain View to Onaga Trail		SBC	0.033	8.0	5.1 (1.7)	2:1	0.025	333	-	12.3
			Grand to Mountain View		SBC	0.033	8.0	4.8 (1.5)	2:1	0.025	181	-	11.5
LOCAL	Cholla Avenue Drain	635 to 610	Along Joshua Dr.		SBC	0.005	16.0	5.4 (1.8)	2:1	0.025	201	-	5.4
		634 to 635	Golden Bee Dr. to Desert Gold		STF	0.059	36.0	(0.29)		0.018	201	-	12.0
Y09-02	Cholla Avenue Drain	633 to D/S 608	Along El Dorado Dr.	0+00 to 3+02	RCB	0.010	6.0	6.0 (4.5)	Vert.	0.014	413	-	15.6
LOCAL	Extension of Y09-02	632 to 633	Along Cholla Ave. to El Dorado Dr.	3+02 to 9+70	RLC	0.052	8.0	6.7 (2.8)	1.5:1	0.035	413	-	14.3
Y09-03	Hospital Channel	608 to 609			MFP	0.052	10.0	(1.9)	4:1	0.045	298	-	-
		607 to 608	El Dorado Dr. to Golden Bee Dr.	84+00 to 88+72	RLC	0.051	15.0	5.7 (2.1)	1.5:1	0.035	524	-	13.8
		606 to 607	Golden Bee Dr. to Carlyle Dr.	88+72 to 106+00	MFP	0.054	10.0	(2.5)	4:1	0.045	524	-	-
			Kismet Rd. to Golden Bee Dr.	106+00 to 112+60	MFP	0.054	10.0	(2.4)	4:1	0.045	484	-	-
Y10	Acoma Channel	923 to 611	Deer Trail Chnnl confl. to Hospital Chnnl	0+00 to 39+97	RLC	0.039	10.0	5.6 (3.1)	1.5:1	0.035	-	848	14.0
		518 to 523	Facility Limit to Deer Trail Chnnl	0+00 to 14+39	MFP	0.039	10.0	(5.8)	4:1	0.045	-	2,744	-
				14+39 to 26+16	RRSS	0.032	20.0	7.2 (3.1)	2:1	0.027	-	1,470	17.8
				26+16 to 33+85	MFP	0.041	25.0	(3.1)	5:1	0.045	-	1,430	-
				33+85 to 43+25	MFP	0.043	25.0	(3.0)	5:1	0.045	-	1,347	-
				43+25 to 51+00	MFP	0.050	25.0	(2.8)	5:1	0.045	-	1,252	-
				51+00 to 58+33	MFP	0.055	26.0	(2.6)	5:1	0.045	-	1,148	-
Y10-01	Extension of Y10	516 to 527		58+33 to 70+25	MFP	0.049	30.0	(2.2)	5:1	0.045	-	930	-
LOCAL	Extension of Y10	515 to 516		70+25 to 77+58	MFP	0.058	30.0	(1.2)	5:1	0.045	383	-	-
					MFP	0.079	30.0	(0.82)	5:1	0.045	210	-	-
Y11	Deer Trail Channel	511 to 522.1	Desert Gold to Acoma Chnnl	0+00 to 3+00	RRSS	0.040	12.0	8.1 (3.7)	2:1	0.029	-	1,344	18.9
		508 to 511	Town Limit to Desert Gold	3+00 to 15+65	RRSS	0.066	12.0	7.3 (3.2)	2:1	0.029	-	1,211	23.0
				15+65 to 32+48	MFP	0.066	20.0	(2.8)	5:1	0.045	-	1,178	-
				32+48 to 42+63	MFP	0.067	20.0	(2.4)	5:1	0.045	-	935	-
LOCAL	Deer Trail Channel Tributary (EXISTING)	531 to 511			SBC	0.067	12.0	1.0 (0.80)	2:1	0.025	132	-	12.1
Y11-01	Extension of Y11	505 to 508		42+63 to 52+80	MFP	0.049	20.0	(2.1)	5:1	0.045	610	-	-
				52+80 to 64+98	MFP	0.066	20.0	(1.7)	5:1	0.045	509	-	-
				64+98 to 75+42	MFP	0.078	20.0	(1.6)	5:1	0.045	481	-	-
				75+42 to 81+37	MFP	0.067	30.0	(1.3)	5:1	0.045	405	-	-





Facility No.	Facility Name	Node to Node	Location	Station to Station	Type of Facility	Channel Slope	Base Width/ Diameter	Depth (feet) Design (Normal)	Sideslope	Manning's "n"	25-Year Flowrate (cfs)	100-Year Flowrate (cfs)	Velocity (fps)
LOCAL	Extension of Y11-01	503 to 505			MFP	0.075	30.0	(0.82)	4:1	0.046	204	-	-
Y12	Water Canyon Channel	324 to 126	Apache Ave. to Yucca Wash	0+00 to 22+32	RLC	0.023	18.0	7.6 (5.1)	1.5:1	0.035	-	1,957	15.1
		323 to 324	Sioux Ave. to Apache Ave.	22+32 to 29+21	RLC	0.038	18.0	7.2 (4.4)	1.5:1	0.035	-	1,921	17.9
		321 to 323	RL levee to Sioux Ave.	29+21 to 58+00	RLC	0.038	18.0	7.2 (4.3)	1.5:1	0.035	-	1,874	17.8
		320 to 321	to RL levee	58+00 to 66+52	RRSS	0.031	100.0	3.9 (1.4)	2:1	0.028	-	1,706	12.1
		319 to 320	Parallel to Pioneertown Rd.	66+52 to 82+52	RRSS	0.031	100.0	3.9 (1.4)	2:1	0.026	-	1,685	12.0
		318 to 319	Basin to Pioneertown Rd.	82+52 to 88+38	MFP	0.027	150.0	(1.5)	5:1	0.045	-	1,556	-
Y12-01	Water Canyon Tributary	322.6 to 323	Along Sioux Ave.	0+00 to 8+96	STF	0.018	26.0	(1.0)		0.018	337	-	11.5
				8+96 to 15+73	STF	0.018	26.0	(0.97)		0.018	324	-	11.3
K01	Kickapoo Drain	210 to 210.1	La Honda Drain to Outlet	0+00 to 6+78	SBC	0.031	6.0	5.9 (3.4)	2:1	0.025	-	750	17.0
		209 to 210	Onaga Trail to La Honda Drain	6+78 to 22+80	RCP	0.043	4.5	(3.2)	Vert.	0.013	-	348	28.8
		208 to 209	Kickapoo Basin to Onaga Trail	22+80 to 29+95	RCP	0.043	4.5	(3.0)	Vert.	0.013	-	313	28.3
K01-01	La Honda Drain	224 to 210	Chemehuevi Way to Kickapoo Drain	0+00 to 10+23	SBC	0.005	6.0	9.0 (3.5)	2:1	0.025	314	-	6.9
		223 to 224		10+23 to 12+00	SBC	0.030	6.0	5.0 (2.3)	2:1	0.025	314	-	13.3
				12+00 to 13+98	RCP	0.030	4.5	(3.4)		0.013	314	-	24.3
LOCAL	Upstream La Honda Basin	222 to 223			MFP	0.044	10.0	(1.4)	4:1	0.045	166	-	-
K01-02	Extension of K01	206 to 208	Mountain View to Kickapoo Basin	0+00 to 19+03	MFP	0.058	20.0	(2.0)	4:1	0.045	627	-	-
K01-03	Inca Trail Wash	218 to 219	Santa Fe Tr. to Blue Skies Country Club	0+00 to 13+95	RCP	0.039	4.5	(3.1)		0.013	314	-	26.9
LOCAL	Jemez Trail Wash	215 to 218	Along Santa Fe Trail		STF	0.018	36.0	(0.49)		0.018	287	-	12.3
			Onaga Trail to Santa Fe Trail		STF	0.042	26.0	(0.28)		0.018	164	-	10.0
			Bet/ Mountain View and Onaga Trail		RLC	0.043	4.0	5.4 (1.9)	1.5:1	0.035	123	-	9.8
P01	Piñon Creek	237 to lake	Camino del Cielo to Golf Course	44+03 to 50+00	RRSS	0.067	40.0	5.7 (2.1)	2:1	0.027	-	2,168	23.4
		243 to 237	Fairway to Camino del Cielo	50+00 to 76+45	RRSS	0.066	30.0	5.8 (2.2)	2:1	0.027	-	1,742	23.5
		U/S 242 to 243	Rockaway to Fairway	76+45 to 92+50	RRSS	0.066	30.0	5.8 (2.2)	2:1	0.027	-	1,742	23.5
		251 to U/S 242	Facility Limit to Rockaway	92+50 to 100+00	MFP	0.046	30.0	(2.8)	4:1	0.045	-	1,430	-
		256 to 251		100+00 to 115+54	MFP	0.048	25.0	(2.3)	4:1	0.045	-	814	-
LOCAL	Piñon Creek Tributary (EXISTING)	241 to 242	Rockaway/Piñon Dr. int. to Piñon Creek confl.		RLC	0.062	10.0	8.0 (1.2)	1.5:1	0.035	152	-	10.6
P01-01	Camino del Cielo	236 to 237	Along Camino del Cielo to Piñon Creek	0+00 to 11+50	STF	0.014	44.0	(0.93)		0.018	528	-	10.4
		235 to 236	Piñon Dr. to Camino del Cielo	11+50 to 25+50	MFP	0.032	10.0	(2.6)	4:1	0.045	432	-	-
LOCAL	Extension of P01-01	234 to 235	Fairway to Piñon Dr.		MFP	0.036	40.0	(1.10)	4:1	0.045	282	-	-
P01-02	Piñon Creek Tributary	250 to 251		0+00 to 14+38	MFP	0.065	30.0	(1.4)	1:1	0.045	500	-	-
		249 to 250		14+38 to 29+82	MFP	0.175	30.0	(0.89)	4:1	0.045	356	-	-
C01	Covington Wash	2520 to 2522	SR 62 to La Contenta	6+15 to 22+83	RRSS	0.027	80.0	10.3 (5.2)	2:1	0.027	-	11,820	35.0
			Delano Tr. to SR 62	22+83 to 100+00	MFP	0.027	300.0	(3.3)	5:1	0.045	-	11,820	-
			Joshua Dr. to Delano Tr.	100+00 to 147+76	MFP	0.029	300.0	(3.2)	5:1	0.045	-	11,820	-
		2519 to 2520	Juarez to Joshua Dr.	147+76 to 175+12	MFP	0.031	300.0	(3.2)	5:1	0.045	-	11,820	-
		2518 to 2519	Project Limit to Juarez	175+12 to 213+79	MFP	0.039	300.0	(1.8)	5:1	0.045	-	4,196	-
C02	Carmelita Wash East Fork	1523.01 to 2519	Carmelita to Covington Wash	0+00 to 27+00	MFP	0.038	300.0	(2.6)	5:1	0.045	-	9,480	-
		1523 to 1523.01		27+00 to 38+31	MFP	0.038	300.0	(2.6)	5:1	0.045	-	9,426	-
		1522 to 1523		38+31 to 49+00	MFP	0.037	300.0	(1.7)	5:1	0.045	-	4,838	-
		1520 to 1522		49+00 to 86+24	MFP	0.037	300.0	(1.7)	5:1	0.045	-	4,798	-
C03	Black Rock Wash	1558 to 1523		0+00 to 7+12	MFP	0.029	300.0	(2.0)	5:1	0.045	-	5,583	-
		1557 to 1558		7+12 to 24+34	MFP	0.040	300.0	(1.8)	5:1	0.045	-	5,367	-
		1556 to 1557		24+34 to 33+00	MFP	0.040	300.0	(1.8)	5:1	0.045	-	5,205	-
		1555 to 1556		33+00 to 51+32	MFP	0.040	300.0	(1.8)	5:1	0.045	-	5,132	-
LOCAL	Black Rock Wash Tributary	1599 to 1557			MFP	0.036	300.0	(0.29)	5:1	0.045	233	-	-
C03-01	Carmelita Wash West Fork	1590 to 1558		0+00 to 12+00	MFP	0.049	300.0	(0.42)	5:1	0.045	527	-	-
		1588 to 1590		12+00 to 29+93	MFP	0.049	300.0	(0.36)	5:1	0.045	401	-	-
LOCAL	Carmelita Wash West Fork Tributary	1587 to 1588			MFP	0.053	300.0	(0.24)	5:1	0.045	198	-	-
		1595 to 1588			MFP	0.053	300.0	(0.19)	5:1	0.045	132	-	-
C04	La Contenta Wash	2609 to 2610		0+00 to 30+50	MFP	0.038	30.0	(2.5)	5:1	0.046	-	1,094	-
		2608 to 2609		30+50 to 80+00	MFP	0.043	50.0	(1.9)	5:1	0.045	-	1,048	-
		2067 to 2608		80+00 to 88+37	MFP	0.043	30.0	(2.2)	5:1	0.045	-	909	-
C04-01	Extension of C04	2606 to 2607		88+37 to 105+00	MFP	0.043	50.0	(1.3)	5:1	0.045	541	-	-
LOCAL	Extension of C04-01	2605 to 2606		105+00 to 110+00	MFP	0.046	50.0	(0.96)	5:1	0.045	338	-	-
S01	Skyline Ranch Wash	1612 to 1612.2		0+00 to 20+83	MFP	0.022	100.0	(3.2)	5:1	0.045	-	3,523	-
				20+83 to 41+00	MFP	0.020	50.0	(4.6)	5:1	0.045	-	3,523	-
S01	Skyline Ranch Wash	1611 to 1612		41+00 to 61+00	MFP	0.023	50.0	(3.7)	5:1	0.045	-	2,571	-
S01	Skyline Ranch Wash	1610 to 1611		61+00 to 76+25	MFP	0.024	50.0	(3.2)	5:1	0.045	-	1,987	-
S01-01	North Skyline Ranch Wash	1619 to 1611		0+00 to 26+70	MFP	0.048	40.0	(1.4)	5:1	0.045	553	-	-
S02	South Skyline Ranch Wash	1641 to 1612		0+00 to 10+00	MFP	0.015	50.0	(3.0)	5:1	0.045	-	1,376	-
		1640 to 1641		10+00 to 30+00	MFP	0.027	50.0	(1.9)	5:1	0.045	-	863	-
		1639 to 1640		30+00 to 46+90	MFP	0.034	50.0	(1.8)	5:1	0.045	-	862	-
S02-01	Puente Channel	1653 to 1641		0+00 to 9+00	MFP	0.030	30.0	(1.7)	5:1	0.045	448	-	-
		1652 to 1653		9+00 to 20+57	MFP	0.030	30.0	(1.7)	5:1	0.045	445	-	-
		1651 to 1652		20+57 to 34+41	MFP	0.034	30.0	(1.3)	5:1	0.045	306	-	-
V01	Sierra Vista Wash	1718 to 1725		0+00 to 35+00	MFP	0.033	50.0	(3.0)	5:1	0.045	-	2,158	-
				35+00 to 66+45	MFP	0.028	30.0	(4.0)	5:1	0.045	-	2,158	-
				66+45 to 114+96	MFP	0.025	40.0	(3.6)	5:1	0.045	-	2,158	-
		1710 to 1718	Hillcrest Wash confl. to Chipmunk Wash	114+96 to 122+11	RRSS	0.031	20.0	6.4 (2.6)	2:1	0.029	-	1,121	17.0
V01-01	Chipmunk Wash	1732 to 1710		0+00 to 15+73	MFP	0.028	10.0	(3.3)	5:1	0.045	764	-	-
		1731 to 1732		15+73 to 22+50	MFP	0.029	10.0	(2.6)	5:1	0.045	479	-	-
		1730 to 1731		37+83 to 22+50	MFP	0.029	10.0	(2.6)	5:1	0.045	469	-	-
LOCAL	Extension of V01-01	1730.07 to 1730			MFP	0.035	10.0	(1.8)	5:1	0.045	245	-	-
V01-02	Sierra Vista Wash	1709 to 1710	Warren Vista Ave. to Hillcrest Wash	122+11 to 124+67	SBC	0.025	8.0	6.3 (2.5)	2:1	0.025	496	-	15.5
				124+87 to 135+24	MFP	0.034	20.0	(2.1)	5:1	0.045	496	-	-
		1708 to 1709		135+24 to 154+62	MFP	0.040	30.0	(1.4)	5:1	0.045	394	-	-
		1707 to 1708		154+62 to 177+07	MFP	0.038	10.0	(2.2)	5:1	0.045	356	-	-
		1706 to 1707		177+07 to 190+00	MFP	0.040	10.0	(2.0)	5:1	0.045	318	-	-
V01-03	Hillcrest Wash	1716 to 1710	Warren Vista Ave. to Sierra Vista Wash	0+00 to 2+87	SBC	0.035	8.0	5.5 (2.0)	2:1	0.031	347	-	14.2
			Roberts to Warren Vista Ave.	2+87 to 10+79	MFP	0.034	10.0	(2.2)	5:1	0.045	347	-	-
				10+79 to 25+28	MFP	0.049	10.0	(2.0)	5:1	0.045	334	-	-
		1715 to 1716		25+28 to 41+25	MFP	0.033	10.0	(2.1)	5:1	0.046	313	-	-

DETENTION BASIN DATA

Facility	Location	Type of Facility	Tributary Area (ac)	Footprint (ac)	100-Year Storage Volume (ac-ft)	Embankment Height (ft)	Notes
Water Canyon Basin	Pioneertown Road near Town Boundary	DSB	5390	35	436	35	
La Honda Basin	La Honda Wash near SR 62	SB	150	2	4	6	f
Kickapoo Basin	Kickapoo Trail near Navajo Trail	DSB	520	8	32	28	
Acoma Basin	Acoma Trail near Joshua Drive	DSB	1220	10	90	14	
Long Canyon Basin	Joshua Drive near Sage Avenue	DSB	2158	15	130	24	g
Old Woman Springs Basin	Old Woman Springs Road and Paxton Road	SB	680	8	14	25	f,h
West Burnt Mountain Basin	Joshua Lane near Joshua Drive	DSB	1106	20	96	18	
East Burnt Mountain Basin	Onaga Trail near Hilton Avenue	DSB	1186	20	194	32	i

Facility Types:
- MFP - Managed Floodplain
- SBC - Soft-Bottom Channel
- RRSS- Rock-Revetted Side Slopes
- RLC* - Rock-Lined Channel
- CLC - Concrete-Lined Channel
- RCP - Reinforced Concrete Pipe
- STF - Street Flow
- DSB - Detention Basin
- SB - Sediment Basin

( ) Normal depth of flow

* Where velocities exceed 15 fps grouting of the rock will be considered when the use of larger rock sizes is impractical.

YUCCA VALLEY
MASTER PLAN OF DRAINAGE
EXISTING & PROPOSED DRAINAGE FACILITIES
BASE MAP

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SEPTEMBER 1998