

APPENDIX A

Stream Crossings/ Construction Method

The following table was prepared by Entrix, Inc. and modified by EDAW, Inc. It has been condensed and resorted by construction method.

This table lists 397 potential stream crossings. Column 14 identifies the type of construction method to be used at each crossing. Three crossings (#1, 330, and 396) will receive bridge attachments (A), 62 crossings will be bored (B), and the remaining 332 will be plowed (P).

Stream Crossings and Construction Method

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Xing No. ^{1,2}	Waterway Name* (from USGS map or other source)	Site Descriptor (Road name or number, mile marker, road crossing, name of nearby feature, other descriptive info.) ³	Which side of road or pipeline	Nearest City	County	Quarter Section	Section	Township	Range	Ordinary High Water Mark Width (feet)	Bank to Bank Width (ft)	Width of riparian veg. Corridor (ft)	Attach/Bore/Plow	Additional comments
Construction Method: Bridge Attachment														
1	Colorado River	Interstate 10? Bridge	?	Blythe	R	SW ¼	36	6S	23E				A	
330	Santa Clara River	Sandy Road	E	Santa Clarita	LA	SW ¼	29	4N	15 W	0	270	0	A	large
396	Mojave River	Bear Valley Road	S	Victorville	SB	SW ¼	36	5N	4W	20	1000	0	A	
Construction Method: Bore/Directional Drill														
2	Colorado River	Tributary, 200 ft NW of Inspection Station	N	Blythe	R	SW ¼	36	6S	23E	45	55	0	B	unlined irrigation canal
4	unnamed	N of Olive Lake Blvd	E	Blythe	R	NW ¼	26	6S	23E	6.5	12.5	0	B	unlined irrigation ditch
5	unnamed	Pipeline Mile Marker (mm) #300	E	Blythe	R	SW ¼	23	6S	23E	5.5	15	0	B	unlined irrigation canal
6	unnamed	Middle of agricultural field	E	Blythe	R	SW ¼	23	6S	23E	5.5	7	0	B	lined irrigation ditch
7	unnamed	Middle of agricultural field	E	Blythe	R	SW ¼	23	6S	23E	5.5	7	0	B	lined irrigation ditch
8	unnamed	Middle of agricultural field	E	Blythe	R	NW ¼	23	6S	23E	5.5	7	0	B	lined irrigation ditch
9	unnamed	"Non-existing" canal N of agricultural field	E	Blythe	R	NW ¼	23	6S	23E	50	60	0	B	unlined irrigation canal
11	unnamed	NW corner SW ¼ SW ¼ section 14	E	Blythe	R	SW ¼	14	6S	23E	7	8.5	0	B	lined irrigation ditch
15	unnamed	N of 6 th Avenue	E	Blythe	R	SW ¼	11	6S	23E	9	14	0	B	concrete lined irrigation canal
16	unnamed	Agricultural field, pipeline mm #296.7	E	Blythe	R	SW ¼	2	6S	23E	7	9	0	B	unlined irrigation ditch
17	unnamed	Canal crossing	E	Blythe	R	SW ¼	2	6S	23E	50	60	0	B	unlined canal
18	unnamed	Canal	N	Blythe	R	SW ¼	33	6S	23E	80	90	0	B	unlined canal
19	unnamed	Canal	N	Blythe	R	SE ¼	32	6S	23E	18	27	0	B	unlined canal
48	unnamed	Just before bend in road	E	Blythe	R	NW ¼	25	4S	21E	82	120	150	B	steep west bank
49	unnamed	Pipeline mm #281.5	E	Blythe	R	SW ¼	24	4S	21E	22	80	0	B	channel altered by grading
59	unnamed	Bottom of hill, pipeline mm #274.8	SW	Styx	R	¼	N/A	3S	21E	3	5.5	9	B	steep banks
106	unnamed	NE side of railroad	NW	Rice	R	SW ¼	23	1S	20E	28	35	38	B	bore under RR and wash
107	unnamed	1700 ft W of Rice	S	Rice	SB	SW ¼	14	1S	20E	12	18	20	B	steep
140	unnamed	mm #63.2, under old road	S	Twenty-nine Palms	SB	NE ¼	19	1S	14E	11	14	0	B	steep banks
177	unnamed	Mound of granite rocks	S	Twenty-nine Palms	SB	NE ¼	12	1S	15E	4	6	0	B	boulder field
195	unnamed	300 ft from Highway 62/177 fork	S	Twenty-nine Palms	SB	NE ¼	32	1S	17E	8	17	0	B	steep sided, culvert
196	unnamed	200 ft from 194	S	Twenty-nine Palms	SB	NE ¼	32	1S	17E	4.5	7	0	B	steep sided, culvert
197	unnamed	200 ft from 195	S	Twenty-nine Palms	SB	NE ¼	32	1S	17E	54	73	0	B	graded
200	unnamed	4/10 mile W of Iron Age Road	N	Twenty-nine Palms	SB	SE ¼	2	1S	12E	25	30	0	B	paved shoulder on N side
205	unnamed		N	Twenty-nine Palms	SB	NE ¼	6	1S	12E	8.5	10	0	B	smoketree on N side ROW

1 Numbers are not consecutive due to reroutes that were completed in order to avoid environmental impacts.

2 Crossing numbers 1-315 are presented east to west beginning at the Colorado River at the California/Arizona border. Crossing numbers 316-397 are presented west to east beginning in Los Angeles.

3 The first 30 miles of the project are adjacent to an existing pipeline as well as roads. Pipeline mile markers are used rather than road mile markers due to their higher accuracy.

Counties: R = Riverside; SB = San Bernardino; LA = Los Angeles
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Stream Crossings and Construction Method

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Xing No. ¹²	Waterway Name* (from USGS map or other source)	Site Descriptor (Road name or number, mile marker, road crossing, name of nearby feature, other descriptive info.) ³	Which side of road or pipeline	Nearest City	County	Quarter Section	Section	Township	Range	Ordinary High Water Mark Width (feet)	Bank to Bank Width (ft)	Width of riparian veg. Corridor (ft)	Attach/Bore/Plow	Additional comments
218	unnamed	Highway 62 mp 41.9	N	Twenty-nine Palms	SB	NW ¼	35	1N	10E	1000	1020	0	B	extends along the road / shoulder paved & riprap on N side
220	unnamed	Highway 62 mp 38	N	Twenty-nine Palms	SB	SE ¼	30	1N	10E	160	169	0	B	braided / shoulder paved
233	unnamed	Highway 62 – 1000 ft E of Utah Trail	N	Twenty-nine Palms	SB	SW ¼	27	1N	9E	48	54	0	B	paved on N side
234	unnamed	Highway 62 – 400 ft E of Utah Trail	N	Twenty-nine Palms	SB	SW ¼	27	1N	9E	5	10	0	B	paved on N side
235	unnamed	Highway 62 – 1000 ft W of Utah Trail; mp 34	N	Twenty-nine Palms	SB	SE ¼	28	1N	9E	150	158	0	B	paved on N side; 2 channels
236	unnamed	Highway 62 at Mesquite Spring Road	N	Twenty-nine Palms	SB	SW ¼	29	1N	8E	15	60	0	B	concrete pour-over
237	unnamed	Highway 62 at Lupine Avenue	N	Twenty-nine Palms	SB	SE ¼	25	1N	8E	50	75	0	B	50 ft concrete bridge
238	unnamed	Highway 62 at El Camino	N	Twenty-nine Palms	SB	SE ¼	26	1N	8E	9	14	0	B	paved shoulder on N side
239	unnamed	Highway 62 at Desert Quail Drive	N	Twenty-nine Palms	SB	SE ¼	27	1N	8E	180	195	0	B	paved shoulder on N side
241	unnamed	Highway 62 – ¼ mi W of Lear Road	N	Twenty-nine Palms	SB	SE ¼	29	1N	8E	35	30	0	B	paved shoulder
245	unnamed	Highway 62 – 0.3 mi E of Sunburst Ave	N	Joshua Tree	SB	SE ¼	25	1N	6E	50	75	0	B	50 ft concrete bridge
246	unnamed	Sunburst Ave across from Sportsmans	W	Joshua Tree	SB	SW ¼	25	1N	6E	30	32	0	B	riprapped on E side
247	unnamed	Sunburst Ave N of school	E	Joshua Tree	SB	NW ¼	25	1N	6E	216	221	0	B	riprapped on E side; braided with 2 main channels
277	Pipe's Wash	Highway 247 mp 15.2	E	Landers	SB	SE ¼	20	3N	5E	45	49	0	B	paved on E side
278	Pipe's Wash	Highway 247 mp 15.3	E	Landers	SB	SE ¼	20	3N	5E	48	54	0	B	paved on E side
279	unnamed	Highway 247 mp 16.1	E	Landers	SB	NW ¼	20	3N	5E	8	9	0	B	3 ft culvert
282	unnamed	Highway 247 mp 17.3 (Remy Road)	NE	Landers	SB	SW ¼	18	3N	4E	44	57	0	B	paved on E side, Remy Road on W side
283	unnamed	Highway 247 mp 17.4	NE	Landers	SB	SE ¼	13	3N	4E	15	28	0	B	paved on E side
284	unnamed	Highway 247 mp 17.7	NE	Landers	SB	SE ¼	13	3N	4E	32	38	0	B	paved on E side
285	unnamed	Highway 247 mp 18.1	N	Landers	SB	NW ¼	13	3N	4E	48	57	0	B	paved on NE side
286	unnamed	Highway 247 mp 19.0	N	Landers	SB	SE ¼	11	3N	4E	128	168	0	B	paved on N side, 2 large channels
287	unnamed	Highway 247 mp 20.0	N	Landers	SB	NW ¼	11	3N	4E	8	60	0	B	paved on N side
289	unnamed	Highway 247 mp 21.1 (Larrea Road)	N	Landers	SB	NE ¼	9	3N	4E	10	13	0	B	at Larrea Road
293	unnamed	Highway 18 – ¼ mi W of Highway 18 turnoff	S	Lucerne Valley	SB	SE ¼	11	4N	1W	20	44	27 / 27	B	25 ft concrete bridge; sides cement, next to Lucerne Valley Motel
306	Arrastre Creek	Highway 247 mp 29.3	S	Lucerne Valley	SB	NE ¼	32	4N	3E	30	33	0	B	paved shoulder
316	Los Angeles River	Crosses Fletcher	E	Los Angeles	LA	N/A	N/A	N/A	N/A	150	300	0	B	concrete lining
317	Vertugo Wash	Crosses Brand Blvd and Arden	E	Los Angeles	LA	N/A	N/A	N/A	N/A	17	55	0	B	concrete lining
318	Burbank Western Channel	Glenoaks and Roscoe Blvd	E	Los Angeles	LA	SW ¼	28	2N	14 W	0	40	0	B	concrete lining
319	Tijunga	Between Sheldon and Branford	E	Los Angeles	LA	N/A	N/A	N/A	N/A	0	75	0	B	concrete lining
320	Pacoima	After Arroyo Ave	S	San Fernando	LA	N/A	N/A	N/A	N/A	5	17	0	B	concrete lining
321	unnamed	Roxford and Bradley	NW	Sylmar	LA	N/A	N/A	N/A	N/A	15	6	0	B	concrete lining
322	Grapevine Canyon	Before Highway 5	N	Sylmar	LA	N/A	N/A	N/A	N/A	8	20	0	B	beneath railroad, some lining

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Xing No. ^{1,2}	Waterway Name* (from USGS map or other source)	Site Descriptor (Road name or number, mile marker, road crossing, name of nearby feature, other descriptive info.) ³	Which side of road or pipeline	Nearest City	County	Quarter Section	Section	Township	Range	Ordinary High Water Mark Width (feet)	Bank to Bank Width (ft)	Width of riparian veg. Corridor (ft)	Attach/Bore/Plow	Additional comments
323	unnamed	Beneath Balboa Blvd	S	Los Angeles	LA	N/A	N/A	3N	N/A	10	18	6 / 3	B	
324	unnamed	N of Highway 5	E	Los Angeles	LA	NE ¼	24	3N	16 W	5	20	10 / 10	B	natural wash / flows parallel to road
325	unnamed		E	Los Angeles	LA	NE ¼	24	3N	16 W	0	5	2 / 5	B	
326	unnamed		E	Los Angeles	LA	NE ¼	24	3N	16 W	0	5	5 / 5	B	
397	Rabbit Lake	Fifteen Mile Valley	S	Lucerne Valley	SB	NW ¼	8	2N	1W	4000	4000	0	B	
Construction Method: Plow														
3	Colorado River	Tributary, 500 ft E of Substation	N	Blythe	R	SW 1/4	35	6S	23E	8	8	0	P	tunnel beneath road
10	unnamed	SW corner section 14	E	Blythe	R	SW 1/4	14	6S	23E	9.5	14	0	P	unlined ditch
12	unnamed	NE corner agricultural field ditch	E	Blythe	R	NW 1/4	14	6S	23E	15	18	0	P	unlined irrigation canal / standing water
13	unnamed	Canal (old channel)	E	Blythe	R	NW 1/4	14	6S	23E	8	40	40	P	abandoned canal alignment
14	unnamed	Pipeline mm #298	E	Blythe	R	NW 1/4	14	6S	23E	9.75	12.5	0	P	unlined irrigation ditch
20	unnamed	Perpendicular to railroad	N	Blythe	R	SW 1/4	32	6S	23E	4	6	0	P	natural wash
21	unnamed	Pipeline mm #293	N	Blythe	R	SW 1/4	32	6S	23E	4.5	8	0	P	natural wash, steep W bank may have to bore
22	unnamed	Perpendicular to railroad	N	Blythe	R	NE 1/4	6	6S	23E	5.5	24	0	P	steep east bank may need to bore
23	unnamed	Beneath bridge	N	Blythe	R	NE 1/4	6	6S	23E	51	70	100	P	
24	unnamed	Pipeline mm #290	E	Blythe	R	NW 1/4	25	5S	22E	6	8	20	P	
25	unnamed	Pipeline mm #289.75	E	Blythe	R	NE 1/4	26	5S	22E	18	60	0	P	4 braids to channel
26	unnamed	Pipeline mm #289.7	E	Blythe	R	NE 1/4	26	5S	22E	17.5	24	0	P	
27	unnamed	Natural wash / pipeline mm #289.4	E	Blythe	R	SE 1/4	23	5S	22E	14	48	0	P	bank steep west bank
28	unnamed	Pipeline mm #289.1	E	Blythe	R	SE 1/4	23	5S	22E	6	11	20	P	one big tree on east side
29	unnamed	Across from Midland Visitor Area	E	Blythe	R	NE 1/4	22	5S	22E	6	30	0	P	
30	unnamed	500 ft NW Midland Visitor Area	E	Blythe	R	NE 1/4	22	5S	22E	26	130	130	P	3 channel braids
31	unnamed	Natural wash / pipeline mm #288.3	E	Blythe	R	NE 1/4	22	5S	22E	16	22	40	P	2 channel braids
32	unnamed	Natural wash	E	Blythe	R	SE 1/4	15	5S	22E	31	35.5	0	P	
33	unnamed	500 ft SE of road to Levi's Quarry	E	Blythe	R	SW 1/4	15	5S	22E	5.5	10	0	P	
34	unnamed	250 ft SE of road to Levi's CO2 Quarry	E	Blythe	R	NW 1/4	15	5S	22E	75	153	153	P	3 channel braids
35	unnamed	500 ft NW of sign to Quarry	E	Blythe	R	NW 1/4	15	5S	22E	9	13	45	P	
36	unnamed	Big natural wash	E	Blythe	R	NE 1/4	16	5S	22E	81	100	120	P	2 braids
37	unnamed	300 ft NW of road	E	Blythe	R	SE 1/4	9	5S	22E	4.5	24	24	P	
38	unnamed	Natural wash	E	Blythe	R	NW 1/4	9	5S	22E	21	74	74	P	no section lines
39	unnamed	300 ft NW of Bee Hives/pipeline mm #285.8	E	Blythe	R	SE 1/4	5	5S	22E	9	12	12	P	plow only if close to road / no section lines
40	unnamed	Pipeline mm #285.5	E	Blythe	R	SE 1/4	5	5S	22E	77	117	117	P	no section lines
41	unnamed	Pipeline mm #285.25	E	Blythe	R	SE 1/4	5	5S	22E	245	640	640	P	large system of braided channels / no section lines

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42	unnamed	SW of sign to road	E	Blythe	R	NW 1/4	31	4S	22E	8	11.5	20	P	no section lines
43	unnamed	100 ft NW of sign marking road	E	Blythe	R	NW 1/4	31	4S	22E	27	42	0	P	no section lines
44	unnamed	Pipeline mm #282.75	E	Blythe	R	SE 1/4	25	4S	21E	32	58	88	P	
45	unnamed	Pipeline mm #282.50	E	Blythe	R	SE 1/4	25	4S	21E	17.5	26	26	P	steep banks on margin
46	unnamed	Pipeline mm #282.25	E	Blythe	R	NE 1/4	25	4S	21E	11	26	0	P	
47	unnamed	Pipeline mm #282.14	E	Blythe	R	NE 1/4	25	4S	21E	11	19.5	0	P	
50	unnamed	Just before bend to right	E	Blythe	R	NE 1/4	23	4S	21E	19	29	60	P	
51	unnamed	Just after intersection	E	Blythe	R	NW 1/4	23	4S	21E	52	124	0	P	
52	unnamed		SW	Blythe	R	NE 1/4	15	4S	21E	5	7	2	P	
53	unnamed	200 ft SE of bend in road	SW	Blythe	R	NW 1/4	15	4S	21E	30	81	100	P	
54	unnamed	Pipeline mm #277.92	SW	Blythe	R	NE 1/4	9	4S	21E	16	50	70	P	
55	unnamed	1000 ft N of fork in road	SW	Blythe	R	NW 1/4	4	4S	21E	6	18	35	P	
56	unnamed	300 ft S of RR crossing	SW	Styx	R	1/4	N/A	3S	21E	6	8	13	P	
58	unnamed	100 ft S of RR crossing	SW	Styx	R	1/4	N/A	3S	21E	7	12	20	P	
60	unnamed		SW	Styx	R	1/4	N/A	3S	21E	4	8	20	P	
61	unnamed		SW	Styx	R	1/4	N/A	3S	21E	3	5	20	P	
62	unnamed		SW	Styx	R	1/4	N/A	3S	21E	12	36	39	P	2 braids
63	unnamed		SW	Styx	R	1/4	N/A	3S	21E	6	20	60	P	steep banks, may bore
64	unnamed	Large braided system, pipeline mm #273.5	SW	Styx	R	1/4	N/A	3S	21E	36	200	220	P	4 braids
65	unnamed		SW	Styx	R	1/4	N/A	3S	21E	13	16	40	P	
66	unnamed	150 ft SE of side road	SW	Styx	R	1/4	N/A	3S	21E	14	14	35	P	
67	unnamed	Braided system, pipeline mm #273.15	SW	Styx	R	1/4	N/A	3S	21E	12	57	80	P	5 braids
68	unnamed	pipeline mm #273.1	SW	Styx	R	1/4	N/A	3S	21E	16	60	80	P	4 braids
69	unnamed	pipeline mm #273.09	SW	Styx	R	1/4	N/A	3S	21E	12	12	17	P	
70	unnamed		SW	Styx	R	1/4	N/A	3S	21E	4	5	10	P	
71	unnamed	100 ft S of pipeline mm #273	SW	Styx	R	1/4	N/A	3S	21E	3.5	4	7	P	
72	unnamed	pipeline mm #272.8	SW	Styx	R	1/4	N/A	3S	21E	4.5	4.5	0	P	
73	unnamed		SW	Styx	R	1/4	N/A	3S	21E	5	6	0	P	
74	unnamed		SW	Styx	R	1/4	N/A	3S	21E	7	10	13	P	
75	unnamed		SW	Styx	R	1/4	N/A	3S	21E	10	14	25	P	
76	unnamed		SW	Styx	R	1/4	N/A	3S	21E	17	18	46	P	
77	unnamed		SW	Styx	R	SE 1/4	13	3S	21E	16	17	27	P	
78	unnamed		SW	Styx	R	NE 1/4	13	3S	21E	4.3	7	23	P	
79	unnamed		SW	Styx	R	NE 1/4	13	3S	21E	5	7	13	P	
80	unnamed		SW	Styx	R	NE 1/4	13	3S	21E	3.5	7	14	P	
81	unnamed		SW	Styx	R	NE 1/4	13	3S	21E	12	13	23	P	
82	unnamed	pipeline mm #272.1	SW	Styx	R	NE 1/4	13	3S	21E	6	9	13	P	
83	unnamed	pipeline mm #272.09	SW	Styx	R	NE 1/4	13	3S	21E	7.3	10	12	P	
84	unnamed		SW	Styx	R	SE 1/4	12	3S	21E	10	12	30	P	
85	unnamed		SW	Styx	R	SE 1/4	12	3S	21E	3.5	6	15	P	

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86	unnamed		SW	Styx	R	SW 1/4	12	3S	21E	3	6.5	13	P	
87	unnamed		SW	Styx	R	SW 1/4	12	3S	21E	5.5	7	13	P	
88	unnamed		SW	Styx	R	SW 1/4	12	3S	21E	6.5	7.5	20	P	
89	unnamed		SW	Styx	R	SW 1/4	12	3S	21E	5	7	14	P	
90	unnamed	pipeline mm #271.1	SW	Styx	R	NW 1/4	12	3S	21E	6	7.5	13	P	
91	Dry wash	pipeline mm #270.6	SW	Styx	R	SE 1/4	2	3S	20E	60	700	700	P	big braided system
92	Dry wash	Dry wash	SW	Styx	R	SW 1/4	2	3S	20E	40	200	250	P	big braided system
93	Dry wash		SW	Styx	R	SW 1/4	2	3S	20E	12	18	25	P	
94	unnamed	Large braided system	SW	Styx	R	NW 1/4	27	2S	20E	260	850	850	P	8 large braids
95	unnamed		SW	Styx	R	SW 1/4	16	2S	20E	10	11	20	P	
96	Dry wash	At Brown's Well	SW	Styx	R	SW 1/4	16	2S	20E	12	14	20	P	
97	Dry wash		NW	Styx	R	SW 1/4	16	2S	20E	12	14	18	P	
98	unnamed		NW	Styx	R	SE 1/4	9	2S	20E	6	8	12	P	
99	unnamed		NW	Styx	R	SE 1/4	9	2S	20E	10	11	16	P	
100	unnamed		NW	Styx	R	NE 1/4	9	2S	20E	7	10	14	P	
101	unnamed		NW	Styx	R	NE 1/4	9	2S	20E	3.5	6	10	P	
102	unnamed		NW	Styx	R	NE 1/4	9	2S	20E	4	12	20	P	
103	unnamed		NW	Styx	R	NE 1/4	9	2S	20E	5.5	5.5	15	P	
104	unnamed		NW	Styx	R	SW 1/4	3	2S	20E	10	16	25	P	road grade affects wash
105	unnamed		NW	Styx	R	SW 1/4	3	2S	20E	8	8	14	P	
108	unnamed	1.25 miles W of Rice	S	Rice	SB	NW 1/4	15	1S	20E	100	110	120	P	
109	unnamed	1.8 miles W of Rice	S	Rice	SB	NE 1/4	16	1S	20E	12	22	30	P	
110	unnamed		S	Rice	SB	SW 1/4	9	1S	20E	36	48	68	P	
111	unnamed	Call box 62-1042	S	Rice	SB	SW 1/4	8	1S	20E	14	36	40	P	
112	unnamed	Rt. 62 mm #103	S	Rice	SB	NW 1/4	7	1S	20E	4.5	16	20	P	
113	unnamed		S	Rice	SB	NW 1/4	12	1S	19E	22	46	0	P	
114	Sand Draw	Sand Draw	S	Rice	SB	SW 1/4	12	1S	18E	132	222	240	P	6 braids
115	Sand Draw		S	Rice	SB	NE 1/4	14	1S	18E	22	28	30	P	
116	Sand Draw		S	Rice	SB	NW 1/4	14	1S	18E	18	24	26	P	
117	unnamed		S	Rice	SB	NE 1/4	15	1S	18E	9	16	25	P	
118	unnamed		S	Rice	SB	NW 1/4	15	1S	18E	11.5	16	20	P	
119	unnamed		S	Rice	SB	NE 1/4	16	1S	18E	8	16	20	P	
120	unnamed		S	Rice	SB	NE 1/4	16	1S	18E	120	134	0	P	
121	unnamed		S	Rice	SB	NW 1/4	16	1S	18E	44	120	130	P	
122	unnamed	100 yards E of Iron Mtn, Road	S	Rice	SB	NW 1/4	16	1S	18E	10.5	32	36	P	2 braids
123	unnamed		S	Rice	SB	NE 1/4	17	1S	18E	14	16	20	P	
124	unnamed	mm #91.75 at aqueduct	S	Rice	SB	SW 1/4	17	1S	18E	38	48	0	P	2 wide braids
125	unnamed		S	Rice	SB	SW 1/4	18	1S	18E	28	28	34	P	wide ditch parallel to road
126	unnamed		S	Rice	R	NE 1/4	24	1S	17E	9.5	18	25	P	
127	unnamed		S	Rice	R	NE 1/4	24	1S	17E	50	76	80	P	graded area near road

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 ELPaso ISMND Apxd A - Final StrmXng

Stream Crossings and Construction Method

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Xing No. ^{1,2}	Waterway Name* (from USGS map or other source)	Site Descriptor (Road name or number, mile marker, road crossing, name of nearby feature, other descriptive info.) ³	Which side of road or pipeline	Nearest City	County	Quarter Section	Section	Township	Range	Ordinary High Water Mark Width (feet)	Bank to Bank Width (ft)	Width of riparian veg. Corridor (ft)	Attach/Bore/Plow	Additional comments
128	unnamed		S	Rice	R	SE 1/4	23	1S	17E	50	64	68	P	graded area near road
129	unnamed		S	Rice	R	SE 1/4	23	1S	17E	7	9	15	P	ditch parallels road
130	unnamed		S	Rice	R	SE 1/4	23	1S	17E	6.5	11	15	P	steep banks, bore if >50 ft S of road
131	unnamed		S	Rice	R	SW 1/4	23	1S	17E	8	9	0	P	road in wash
132	unnamed		S	Rice	R	SW 1/4	22	1S	17E	12	18	20	P	graded area 100 ft near road
133	unnamed		S	Twenty-nine Palms	SB	SW 1/4	7	1S	13E	122	152	0	P	graded near road
134	unnamed		S	Twenty-nine Palms	SB	NW 1/4	17	1S	13E	8.5	18	30	P	runs parallel to road
135	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	13E	58	73	0	P	steep banks
136	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	13E	11.5	14	0	P	
137	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	13E	18	21	0	P	steep banks
138	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	13E	17	21	0	P	steep banks
139	unnamed	Close to mm #62.25	S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	140	380	450	P	7 braided system, artificial banks
141	unnamed		S	Twenty-nine Palms	SB	NE 1/4	19	1S	14E	17	22	0	P	
142	unnamed		S	Twenty-nine Palms	SB	SE 1/4	18	1S	14E	12	24	44	P	
143	unnamed	mm #64	S	Twenty-nine Palms	SB	SE 1/4	18	1S	14E	33.5	258	0	P	6 braids
144	unnamed		S	Twenty-nine Palms	SB	NW 1/4	17	1S	14E	8	10.5	30	P	
145	unnamed	Parallel to side road	S	Twenty-nine Palms	SB	SW 1/4	8	1S	14E	4.5	5.5	20	P	
146	unnamed		S	Twenty-nine Palms	SB	NE 1/4	8	1S	14E	19	55	0	P	
147	unnamed		S	Twenty-nine Palms	SB	NE 1/4	8	1S	14E	6.5	7	0	P	
148	unnamed		S	Twenty-nine Palms	SB	NE 1/4	8	1S	14E	32	180	0	P	4 braids
149	unnamed	S of mm #66	S	Twenty-nine Palms	SB	NE 1/4	8	1S	14E	15	150	0	P	
150	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	8.5	14.5	20	P	
151	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	8	13	0	P	
152	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	51	51	0	P	parallel to levee/steep banks, may have to bore
153	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	6	26	0	P	
154	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	14.5	20	0	P	
155	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	12	18	25	P	
156	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	6	7	0	P	
157	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	8	10	15	P	
158	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	21.5	61	0	P	2 braids
159	unnamed	mm #68	S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	19.5	77	0	P	3 braids system
160	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	21.5	27	35	P	2 braids
161	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	10	12	15	P	
162	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	19.5	22	0	P	3 braids along levee
163	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	6	9	0	P	
164	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	8	10.5	0	P	parallel to levee
165	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	5	6.5	0	P	
166	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	25.5	58	70	P	2 braids
167	unnamed	mm #69	S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	56	64	84	P	

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168	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	5.5	8	17	P	
169	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	5	7.5	0	P	runs parallel to road for 1/4 mile
170	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	7.5	11	15	P	
171	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	12	14	20	P	
172	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	4.5	11	0	P	
173	unnamed	mm #70	S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	12.5	16	0	P	
174	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	9	19.5	0	P	
175	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	9.5	13	0	P	
176	unnamed		S	Twenty-nine Palms	SB	N/A	N/A	1S	14E	5	8	0	P	
178	unnamed		S	Twenty-nine Palms	SB	SE 1/4	8	1S	15E	19	21	0	P	
179	unnamed		S	Twenty-nine Palms	SB	SE 1/4	8	1S	15E	50	53	55	P	flares at road
180	unnamed		S	Twenty-nine Palms	SB	SW 1/4	11	1S	15E	125	490	500	P	3 braids
181	unnamed		S	Twenty-nine Palms	SB	NW 1/4	16	1S	15E	145	230	0	P	6 braided system
182	unnamed		S	Twenty-nine Palms	SB	NE 1/4	16	1S	15E	16	19	0	P	braided with a lot of sheet flow
183	unnamed	mm #73.9	S	Twenty-nine Palms	SB	NW 1/4	15	1S	15E	25	30	0	P	
184	unnamed		S	Twenty-nine Palms	SB	NW 1/4	15	1S	15E	37	44	0	P	
185	unnamed		S	Twenty-nine Palms	SB	NW 1/4	15	1S	15E	8	10	0	P	
186	unnamed		S	Twenty-nine Palms	SB	NE 1/4	15	1S	15E	35	59	0	P	4 braids
187	unnamed		S	Twenty-nine Palms	SB	NE 1/4	15	1S	15E	8	9	0	P	
188	unnamed		S	Twenty-nine Palms	SB	NW 1/4	14	1S	15E	5	5	0	P	
189	unnamed		S	Twenty-nine Palms	SB	NE 1/4	14	1S	15E	6.5	8	0	P	
190	unnamed		S	Twenty-nine Palms	SB	SW 1/4	13	1S	15E	5.5	6.5	0	P	
191	unnamed		S	Twenty-nine Palms	SB	SW 1/4	13	1S	15E	68	410	0	P	
192	unnamed		S	Twenty-nine Palms	SB	SW 1/4	18	1S	15E	19	25	41	P	
193	unnamed	Highway 62 mp 78.99	S	Twenty-nine Palms	SB	NE 1/4	20	1S	16E	42	48	0	P	shallow, barely crosses road
194	unnamed	Highway 62 mp 80.1	S	Twenty-nine Palms	SB	NW 1/4	26	1S	16E	17	22	0	P	bermed by CDOT
198	unnamed	7/10 mile from 62/177 fork	S	Twenty-nine Palms	SB	SE 1/4	29	1S	17E	24	36	0	P	graded
199	unnamed	Highway 62 mp 85.9	S	Twenty-nine Palms	SB	SW 1/4	28	1S	17E	54	61	0	P	graded
201	unnamed	Highway 62 mp 53.9	N	Twenty-nine Palms	SB	SE 1/4	3	1S	12E	34	36	0	P	
202	Dale Lake	Highway 62 mp 51.2	N	Twenty-nine Palms	SB	SE 1/4	3	1S	12E	7	8	0	P	sandy substrate
203	Dale Lake	Highway 62 mp 49.9	N	Twenty-nine Palms	SB	NW 1/4	3	1S	12E	3	5	0	P	weakly defined channels
204	unnamed		N	Twenty-nine Palms	SB	NE 1/4	4	1S	12E	27	29	0	P	weakly defined channels
206	unnamed		N	Twenty-nine Palms	SB	NE 1/4	6	1S	12E	89	95	0	P	braided
207	unnamed	200 ft E of Nablee Road	N	Twenty-nine Palms	SB	SE 1/4	34	1N	11E	8	12	0	P	weakly defined channel
208	unnamed	At intersection of Nablee & 62	N	Twenty-nine Palms	SB	SW 1/4	34	1N	11E	5	10	0	P	braided channel
209	unnamed	Highway 62 mp 44.6	N	Twenty-nine Palms	SB	SE 1/4	31	1N	11E	100	105	0	P	braided / weakly defined channel
210	unnamed	Highway 62 mp 44.5	N	Twenty-nine Palms	SB	SE 1/4	31	1N	11E	12	16	0	P	
211	unnamed	Highway 62 mp 44.4	N	Twenty-nine Palms	SB	SE 1/4	31	1N	11E	39	43	0	P	
212	unnamed	Highway 62 mp 44.2	N	Twenty-nine Palms	SB	SW 1/4	31	1N	11E	25	30	0	P	3 channels
213	unnamed	Highway 62 mp 44.1	N	Twenty-nine Palms	SB	SW 1/4	31	1N	11E	11	14	0	P	

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214	unnamed	Highway 62 mp 43.6	N	Twenty-nine Palms	SB	SE 1/4	31	1N	10E	9	12	0	P	
215	unnamed	Highway 62 mp 43.5	N	Twenty-nine Palms	SB	SW 1/4	36	1N	10E	14	17	0	P	
216	unnamed	Highway 62 mp 42.8	N	Twenty-nine Palms	SB	SW 1/4	36	1N	10E	60	68	0	P	wash starts from road
217	unnamed	Highway 62 mp 42	N	Twenty-nine Palms	SB	SE 1/4	35	1N	10E	18	23	0	P	
219	unnamed	Highway 62 mp 40.5	N	Twenty-nine Palms	SB	SW 1/4	27	1N	10E	159	164	0	P	
221	unnamed	Highway 62 mp 37.4	N	Twenty-nine Palms	SB	SW 1/4	30	1N	10E	4	18	0	P	braided channels
222	unnamed	Highway 62 mp 37.2	N	Twenty-nine Palms	SB	SE 1/4	25	1N	9E	12	14	0	P	
223	unnamed	Highway 62 mp 36.6	N	Twenty-nine Palms	SB	SW 1/4	25	1N	9E	12	15	0	P	
224	unnamed	Highway 62 mp 36.5	N	Twenty-nine Palms	SB	SW 1/4	25	1N	9E	9	13	0	P	
225	unnamed	Highway 62 mp 36.4	N	Twenty-nine Palms	SB	SW 1/4	25	1N	9E	15	17	0	P	
226	unnamed	Highway 62 mp 35.8	N	Twenty-nine Palms	SB	SE 1/4	26	1N	9E	37	44	0	P	concrete spillover on N side of highway
227	unnamed	Highway 62 mp 35.7	N	Twenty-nine Palms	SB	SW 1/4	26	1N	9E	5	8	0	P	2 channels of N side
228	unnamed	Highway 62 mp 35.4	N	Twenty-nine Palms	SB	SW 1/4	26	1N	9E	338	344	0	P	braided with ill-defined channel
229	unnamed	Highway 62 - Wilshire Avenue	N	Twenty-nine Palms	SB	SE 1/4	27	1N	9E	60	65	0	P	braided channel
230	unnamed	Highway 62 - 200 ft W of Wilshire Ave	N	Twenty-nine Palms	SB	SE 1/4	27	1N	9E	6	10	0	P	
231	unnamed	Highway 62 mp 35.2	N	Twenty-nine Palms	SB	SE 1/4	27	1N	9E	48	57	0	P	
232	unnamed	Highway 62 - Persia Avenue	N	Twenty-nine Palms	SB	SE 1/4	27	1N	9E	35	40	0	P	braided channel
240	unnamed	Highway 62 - 2000 ft W of Desert Quail Dr	N	Twenty-nine Palms	SB	SW 1/4	27	1N	8E	12	15	0	P	
242	unnamed	Highway 62 - 100 ft E of Kern Road	N	Twenty-nine Palms	SB	SW 1/4	29	1N	8E	280	300	0	P	many channels within 1000 ft
243	unnamed	Highway 62 at Mile Square Road	N	Joshua Tree	SB	SW 1/4	26	1N	7E	55	58	0	P	
244	unnamed	Highway 62 - 1/2 mi W of Sun Fair Road	N	Joshua Tree	SB	SW 1/4	28	1N	7E	4	7	0	P	
248	unnamed	Border Ave & Narnia Ave	E	Joshua Tree	SB	SW 1/4	6	2N	7E	126	131	0	P	2 main channels
249	unnamed	Border 2200 ft S of pole	E	Joshua Tree	SB	SW 1/4	30	2N	7E	8	10.5	0	P	
250	unnamed	Reche Road 1/10 mi W of Border	N	Joshua Tree	SB	SE 1/4	12	2N	6E	24	29	0	P	weakly defined channel
251	unnamed	Reche Road 7/10 mi W of Border	N	Joshua Tree	SB	SW 1/4	12	2N	6E	154	159	0	P	2 channels
252	unnamed	Reche Road 2/10 mi E of Giant Rock	N	Joshua Tree	SB	SE 1/4	11	2N	6E	258	265	0	P	parallels road - diagonally
253	unnamed	Reche Road 1/10 mi W of Giant Rock	N	Joshua Tree	SB	SE 1/4	11	2N	6E	10	13	0	P	at Phillips Road
254	unnamed	Reche Road 1/10 mi W of Phillips	N	Joshua Tree	SB	SW 1/4	11	2N	6E	39	42	0	P	
255	Pipe's Wash	Reche Road and Landers Lane	N	Landers	SB	SE 1/4	7	2N	6E	5	7	0	P	several cottonwoods - 30 ft off ROW
256	Pipe's Wash	Reche Road 1/4 mi from Landers	N	Landers	SB	SW 1/4	7	2N	6E	4	18	0	P	
257	Pipe's Wash	Reche Road 3/10 mi from Landers	N	Landers	SB	SW 1/4	7	2N	6E	24	32	0	P	
258	Pipe's Wash	Reche Road 4/10 mi from Landers	N	Landers	SB	SW 1/4	7	2N	6E	24	27	0	P	
259	Pipe's Wash	Belview Road 7/10 mi N of Reche	E	Landers	SB	NW 1/4	7	2N	6E	21	30	0	P	
260	Pipe's Wash	Belview Road 200 ft S of Pine Road	E	Landers	SB	NW 1/4	7	2N	6E	3	5	0	P	
261	Pipe's Wash	Belview and Encantado	E	Landers	SB	NW 1/4	7	2N	6E	12	15	0	P	
262	Pipe's Wash	Belview 1/10 mi N of Encantado	E	Landers	SB	SW 1/4	6	2N	6E	121	126	0	P	braided
263	Pipe's Wash	Belview 2/10 mi N of Encantado	E	Landers	SB	SW 1/4	6	2N	6E	12	19	0	P	
264	Pipe's Wash	Belview 2/10 mi N of Encantado	E	Landers	SB	SW 1/4	6	2N	6E	4	5	0	P	
265	Pipe's Wash	Belview 3/10 mi N of Encantado	E	Landers	SB	SW 1/4	6	2N	6E	3	7	0	P	

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266	Pipe's Wash	Belview 4/10 mi N of Encantado	E	Landers	SB	SW 1/4	6	2N	6E	24	25	0	P	steep sided
267	Pipe's Wash	Belview and Cone Road	E	Landers	SB	SW 1/4	6	2N	6E	15	20	0	P	steep sided
268	Pipe's Wash	Belview 1/4 mi S of Linn	E	Landers	SB	NW 1/4	6	2N	6E	7	8	0	P	
269	Pipe's Wash	Belview 1/8 mi S of Linn	E	Landers	SB	NW 1/4	6	2N	6E	132	138	0	P	
270	Pipe's Wash	Linn Road 1/2 mi W of Belview	N	Landers	SB	NW 1/4	1	2N	5E	21	24	0	P	braided channel
271	Pipe's Wash	Linn Road and Acoma Road	N	Landers	SB	SE 1/4	34	2N	5E	35	37	0	P	braided channel / ill-defined
272	Pipe's Wash	Highway 247 1/2 mi N of Linn	E	Landers	SB	SW 1/4	33	3N	5E	9	13	0	P	braided channel / ill-defined
273	Pipe's Wash	Highway 247 mp 14.4	E	Landers	SB	SW 1/4	28	3N	5E	10	11	0	P	
274	Pipe's Wash	Highway 247 mp 14.8	E	Landers	SB	SE 1/4	29	3N	5E	6	7	0	P	braided channel
275	Pipe's Wash	Highway 247 mp 15.0	E	Landers	SB	NE 1/4	29	3N	5E	18	19	0	P	
276	Pipe's Wash	Highway 247 mp 15.1	E	Landers	SB	NE 1/4	29	3N	5E	18	20	0	P	braided channel
280	unnamed	Highway 247 mp 16.6	E	Landers	SB	SE 1/4	18	3N	5E	6	8	0	P	
281	unnamed	Highway 247 mp 16.7	E	Landers	SB	SW 1/4	18	3N	5E	198	210	0	P	wide and braided
288	unnamed	Highway 247 mp 21.0	N	Landers	SB	NW 1/4	10	3N	4E	3	10	0	P	
290	unnamed	Highway 247 mp 21.5	N	Landers	SB	NE 1/4	9	3N	4E	6	20	0	P	
291	unnamed	Highway 247 mp 23.1	N	Landers	SB	NE 1/4	8	3N	4E	320	360	0	P	wide and braided
292	unnamed	Highway 247 mp 23.6	N	Landers	SB	NE 1/4	7	3N	4E	12	17	0	P	
294	unnamed	Highway 247 mp 37.9	S	Lucerne Valley	SB	NE 1/4	13	4N	2E	21	27	0	P	
295	unnamed	Highway 247 mp 37.3	S	Lucerne Valley	SB	SW 1/4	18	4N	2E	6	9	0	P	2 channels; has been graded on S side
296	unnamed	Highway 247 mp 36.2	S	Lucerne Valley	SB	SW 1/4	17	4N	2E	27	47	0	P	has been graded on S side of highway
297	unnamed	Highway 247 mp 33.9	S	Lucerne Valley	SB	SW 1/4	22	4N	2E	6	7	0	P	has been graded on S side of highway - utility corridor
298	unnamed	Highway 247 mp 31.7 (200 ft W of Bessemer Mine Road)	S	Lucerne Valley	SB	NE 1/4	25	4N	2E	21	24	0	P	has been graded on S side of highway
299	unnamed	Highway 247 mp 31.5 (400 ft E of Bessemer Mine Road)	S	Lucerne Valley	SB	NE 1/4	25	4N	2E	28	34	0	P	has been graded on S side of highway
300	unnamed	Highway 247 mp 31.45 (1000 ft E of Bessemer Mine Road)	S	Lucerne Valley	SB	NE 1/4	25	4N	2E	32	35	0	P	has been graded on S side of highway
301	unnamed	Highway 247 mp 31.4	S	Lucerne Valley	SB	NE 1/4	25	4N	2E	340	347	0	P	braided; has been graded on S side of highway
302	Arrastre Creek	Highway 247 mp 31.2	S	Lucerne Valley	SB	SW 1/4	30	4N	3E	3	6	0	P	small culvert; has been graded on S side
303	Arrastre Creek	Highway 247 mp 29.8	S	Lucerne Valley	SB	NW 1/4	32	4N	3E	165	190	0	P	4 channels, braided; has been graded on S side
304	Arrastre Creek	Highway 247 mp 29.6	S	Lucerne Valley	SB	NW 1/4	32	4N	3E	65	70	0	P	has been graded on S side of highway
305	Arrastre Creek	Highway 247 mp 29.4	S	Lucerne Valley	SB	NW 1/4	32	4N	3E	22	25	0	P	has been graded on S side of highway - weak channel
307	Arrastre Creek	Highway 247 mp 28.9	S	Lucerne Valley	SB	NE 1/4	32	4N	3E	20	22	0	P	has been graded on shoulder

Stream Crossings and Construction Method

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Xing No. ^{1,2}	Waterway Name* (from USGS map or other source)	Site Descriptor (Road name or number, mile marker, road crossing, name of nearby feature, other descriptive info.) ³	Which side of road or pipeline	Nearest City	County	Quarter Section	Section	Township	Range	Ordinary High Water Mark Width (feet)	Bank to Bank Width (ft)	Width of riparian veg. Corridor (ft)	Attach/Bore/Plow	Additional comments
308	Arrastre Creek	Highway 247 mp 28.6	S	Lucerne Valley	SB	NW 1/4	33	4N	3E	27	33	0	P	has been graded on shoulder
309	unnamed	Highway 247 mp 27.7	S	Lucerne Valley	SB	SW 1/4	33	4N	3E	75	87	0	P	has been graded on shoulder; 3 channels
310	unnamed	Highway 247 mp 27.3	S	Lucerne Valley	SB	SE 1/4	33	4N	3E	62	69	0	P	has been graded on S side
311	unnamed	Highway 247 mp 26.95	S	Lucerne Valley	SB	NE 1/4	4	3N	3E	210	235	0	P	has been graded on S side
312	unnamed	Highway 247 mp 26.8	S	Johnson Valley	SB	SW 1/4	3	3N	3E	30	35	0	P	has been graded on S side; weak channel
313	unnamed	Highway 247 mp 26.4	S	Johnson Valley	SB	SE 1/4	3	3N	3E	28	30	0	P	has been graded on S side
314	unnamed	Highway 247 mp 24.7	S	Johnson Valley	SB	NW 1/4	12	3N	3E	18	20	0	P	has been graded on S side; weak channel
315	unnamed	Highway 247 mp 24.5	S	Johnson Valley	SB	NE 1/4	12	3N	3E	12	15	0	P	has been graded on S side; 2 channels
327	unnamed		E	Los Angeles	LA	NE 1/4	24	3N	16 W	0	16	10 / 10	P	steep banks
328	unnamed	Rainbow Glen Road	E	Los Angeles	LA	NE 1/4	24	3N	16 W	0	7	3 / 4	P	steep banks
329	unnamed	N of Rainbow Glen	E	Los Angeles	LA	SW 1/4	29	4N	15 W	0	6	10 / 12	P	steep banks
331	unnamed	Scherzmyer Road	E	Santa Clarita	LA	NE 1/4	21	4N	15 W	0	22	4 / 8	P	
332	unnamed	Mint Canyon Elementary	E	Santa Clarita	LA	SW 1/4	2	4N	15 W	4	8	10 / 2	P	
333	Mint Canyon	S of Cafe BBQ	E	Santa Clarita	LA	SW 1/4	36	4N	15 W	18	26	0	P	
334	Mint Canyon		E	Santa Clarita	LA	SE 1/4	36	5N	14 W	10	12	5 / 5	P	
335	Mint Canyon	Ranch	E	Santa Clarita	LA	SE 1/4	36	5N	14 W	35	40	10 / 4	P	bridge, boulder siding
336	unnamed	N of Nursery	E	Santa Clarita	LA	SE 1/4	36	5N	14 W	22	46	13 / 7	P	boulder banks, steep banks
337	unnamed	N of Nursery	N	Santa Clarita	LA	SW 1/4	29	5N	14 W	6	19	6 / 5	P	
338	Tick Canyon		S	Santa Clarita	LA	SE 1/4	29	5N	14 W	21	26	0 / 8	P	large canyon, steep sides
339	Tick Canyon		S	Santa Clarita	LA	SE 1/4	29	5N	14 W	11	24	2 / 0	P	
340	Tick Canyon	Wash #007	E	Santa Clarita	LA	SE 1/4	29	5N	14 W	8	12	12 / 15	P	R.O.W. on E side of road
341	Tick Canyon	Wash #180	E	Santa Clarita	LA	SE 1/4	29	5N	14 W	8	11	5 / 5	P	steep and deep
342	Tick Canyon	Wash #187, W of Summit Knoll Road	E	Santa Clarita	LA	SE 1/4	29	5N	14 W	10	12	0 / 0	P	plowed R.O.W. on shoulder

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Stream Crossings and Construction Method

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Xing No. ¹²	Waterway Name* (from USGS map or other source)	Site Descriptor (Road name or number, mile marker, road crossing, name of nearby feature, other descriptive info.) ³	Which side of road or pipeline	Nearest City	County	Quarter Section	Section	Township	Range	Ordinary High Water Mark Width (feet)	Bank to Bank Width (ft)	Width of riparian veg. Corridor (ft)	Attach/Bore/Plow	Additional comments
343	Tick Canyon	E of Summit Knoll Road	E	Santa Clarita	LA	SE 1/4	29	5N	14 W	3	5 0		P	
344	Tick Canyon	Wash #280, W of Trail Road	E	Santa Clarita	LA	SE 1/4	28	5N	14 W	20	28 0		P	white picket fence in wash
345	Tick Canyon	Wash #286, E of Trail Road	E	Santa Clarita	LA	NW 1/4	34	5N	14 W	21	38 0		P	fence in wash (broken)
346	Tick Canyon	Wash #2.96	E	Santa Clarita	LA	NW 1/4	34	5N	14 W	15	28 0		P	plowed shoulder (R.O.W.)
347	Tick Canyon	Wash #337, Barber Road	E	Santa Clarita	LA	SE 1/4	27	5N	14 W	16	32 2 / 1		P	out of grand culvert
348	Tick Canyon	Wash #120, Hanawalt Road	N	Santa Clarita	LA	NW 1/4	25	5N	14 W	8	38 11 / 13		P	
349	Tick Canyon	M #142	N	Santa Clarita	LA	NE 1/4	25	5N	14 W	21	35 6 / 8		P	
350	Tick Canyon	M #1.65	N	Santa Clarita	LA	NE 1/4	25	5N	14 W	8	15 3 / 3		P	
351	Tick Canyon	M #1.81, Shallow Creek Road	S	Santa Clarita	LA	NE 1/4	25	5N	14 W	15	29 5 / 4		P	
352	Tick Canyon	M #1.98	S	Santa Clarita	LA	NE 1/4	25	5N	14 W	12	25 6 / 5		P	
353	Tick Canyon	M #2.07	S	Santa Clarita	LA	NW 1/4	30	5N	14 W	12	30 0		P	
354	Tick Canyon	M #222, Old Stage Road East	S	Santa Clarita	LA	NW 1/4	30	5N	14 W	7	20 0		P	trailer / car in wash
355	Tick Canyon	E of Big Spring Road, M #2.96	S	Santa Clarita	LA	NE 1/4	30	5N	13 W	8	12 0		P	narrow / deep
356	Tick Canyon	M #3.05	S	Santa Clarita	LA	NE 1/4	30	5N	13 W	8	10 6 / 6		P	small / lots of trees
357	Tick Canyon	M #3.14	N	Santa Clarita	LA	NE 1/4	30	5N	13 W	11	15 0		P	long culvert to parallel wash
358	Tick Canyon	M #3.26	N	Santa Clarita	LA	NE 1/4	30	5N	13 W	6	8 0		P	long culvert to road
359	Tick Canyon	M #3.37	N	Santa Clarita	LA	NE 1/4	30	5N	13 W	12	15 8 / 6		P	lots of trees
360	Tick Canyon	M #3.58	S	Santa Clarita	LA	NE 1/4	30	5N	13 W	8	12 4		P	
361	Tick Canyon	M #3.64, Norcross Road	S	Santa Clarita	LA	NE 1/4	30	5N	13 W	6	8 0		P	
362	Tick Canyon	M #3.94	S	Santa Clarita	LA	SE 1/4	20	5N	13 W	7	12 8 / 12		P	steep banks
363	Tick Canyon	M #4.00	S	Santa Clarita	LA	SE 1/4	20	5N	13 W	18	28 10 / 3		P	culvert sticking out of ground

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364	Tick Canyon	Garstang Road, W#	S	Santa Clarita	LA	NW 1/4	21	5N	13 W	5	6	2 / 8	P	plowed inside wash slightly
365	unnamed	E of Garstang Road W #530	S	Acton	LA	NW 1/4	21	5N	13 W	5	15	0	P	man-made dams in wash
366	unnamed	W #5.40, Harbat Road	S	Acton	LA	NW 1/4	21	5N	13 W	10	15	0 / 2	P	
367	unnamed	W #5.49	S	Acton	LA	NW 1/4	21	5N	13 W	7	15	0	P	
368	unnamed	W #5.82	S	Acton	LA	SW 1/4	22	5N	13 W	7	10	3 / 5	P	large wash to the North
369	unnamed	W #6.20	S	Acton	LA	SE 1/4	22	5N	13 W	8	12	8 / 8	P	large wash to the North
370	unnamed	W #6.36, S of 53rd Street	W	Acton	LA	SE 1/4	22	5N	13 W	5	8	8 / 8	P	large wash to the North
371	unnamed	Red River Mine, M #7.02	W	Acton	LA	SE 1/4	22	5N	13 W	14	20	0	P	W of shoulder / plowed bed
372	unnamed	M #7.42	W	Acton	LA	SE 1/4	22	5N	13 W	21	45	10 / 12	P	
373	unnamed	M #7.53	W	Acton	LA	SE 1/4	26	5N	13 W	22	40	- / 2	P	big wash
374	Santa Clara River	Soledad Canyon and Crown Valley Intersection	S	Acton	LA	SW 1/4	1	4N	13 W	28	36	2 / 2	P	
375	Santa Clara River	M #4.60	S	Acton	LA	SE 1/4	31	5N	12 W	10	12	0	P	
376	Santa Clara River	M # .02, Aliso Road	E	Acton	LA	SE 1/4	31	5N	12 W	8	15	0	P	
377	Santa Clara River	after train tracks	N	Acton	LA	SE 1/4	31	5N	12 W	6	10	0	P	
378	Kentucky Springs	2149 Carson Mesa Road	S	Acton	LA	SW 1/4	32	5N	12 W	6	12	0	P	
379	unnamed	Kentucky Springs Road	E	Acton	LA	SW 1/4	32	5N	12 W	24	35	0	P	
380	unnamed	W #2.60	E	Acton	LA	SE 1/4	27	5N	12 W	8	11	0	P	
381	unnamed	W #2142	E	Acton	LA	SE 1/4	14	5N	12 W	11	14	0	P	
382	unnamed	W #10.01, Palmdale and 100th Street	N	Palmdale	LA	NE 1/4	29	6N	11 W	8	10	0	P	
383	Little Rock Wash	Sun Village Road	N	Lake Los Angeles	LA	NE 1/4	25	6N	11 W	420	500	0	P	
384	Little Rock Wash		N	Lake Los Angeles	LA	NE 1/4	30	6N	10 W	270	340	0	P	

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385	Big Rock Wash	E of 140 th	S	Lake Los Angeles	LA	NW 1/4	30	6N	9W	158	204	0	P	
386	Big Rock Wash	Second branch of above	S	Lake Los Angeles	LA	NW 1/4	30	6N	9W	240	300	20 / 30	P	
387	unnamed	170th Street, Wash #17.01	S	Lake Los Angeles	LA	NE 1/4	28	6N	9W	10	14	0	P	
388	unnamed	E of 206th, W #20.80	S	Lake Los Angeles	LA	NE 1/4	30	6N	8W	26	42	0	P	
389	Moody Springs	E of Avenue P	S	Lake Los Angeles	LA	SW 1/4	14	6N	8W	12	14	0	P	
390	Moody Springs	E of San Bernardino County Line	S	Lake Los Angeles	SB	SW 1/4	18	6N	7W	16	22	0	P	
391	unnamed	Valle Vista Road	N	Lake Los Angeles	SB	NW 1/4	24	5N	7W	18	25	0	P	
392	unnamed	Vinton Road	S	Lake Los Angeles	SB	SW 1/4	21	4N	6W	8	10	0	P	
393	unnamed	E of Bellflower	S	Lake Los Angeles	SB	SW 1/4	11	4N	6W	25	31	0	P	
394	Oro Grande Wash	Oro Grande Wash	S	Victorville	SB	SW 1/4	11	4N	5W	15	25	0	P	
395	unnamed		S	Victorville	SB	SE 1/4	12	4N	5W	45	56	0	P	
57	unnamed	200 ft S of RR crossing	SW	Styx	R	1/4	N/A	3S	21E	3.5	12	12	P/B	steep south bank

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