

Table Ap.1A-1. Structure Heights – Segment 1

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
1E03	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	141
1E04	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	156
1E05	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	140
1E06	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	132
1E08	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	135
1E10	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	158
1E11	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	146
1E12	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	131
1E13	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	126
1E15	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	128
1E16	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	119
1E17	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	129
1E18	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	147
1E19	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	144
1E20	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	157
1E21	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	149
1E22	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	132
1E23	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	126
1E24	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	126
1E25	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	138
1E26	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	156
1E27	El Casco–San Bernardino	n/a	Proposed	TSP	133
1E28	Devers–San Bernardino	n/a	Proposed	TSP	133
1W00	Etiwanda–San Bernardino	San Bernardino–Vista	Modify	LST	141
1W01	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	TSP	98
1W02	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	TSP	98
1W03	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	144
1W04	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	154
1W05	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	141
1W06	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	132
1W08	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	135
1W10	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	158
1W11	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	146
1W12	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	132
1W13	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	125
1W15	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	128
1W16	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	120
1W17	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	129
1W18	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	147
1W19	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	144
1W20	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	157
1W21	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	151
1W22	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	133

Table Ap.1A-1. Structure Heights – Segment 1

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
1W23	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	126
1W24	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	126
1W25	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	138
1W26	Etiwanda–San Bernardino	San Bernardino–Vista	Proposed	LST	156
SB1S	Devers–San Bernardino	n/a	Modify	Rack	65
SB2S	El Casco–San Bernardino	n/a	Modify	Rack	65
SB6N	Etiwanda–San Bernardino	n/a	Modify	Rack	65
SB7S	San Bernardino–Vista	n/a	Modify	Rack	65
M0-T1	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	170
M0-T1(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	171
M0-T2	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	131
M0-T2(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	131
M0-T3	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	127
M0-T3(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	127
M0-T4	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	126
M0-T4(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	131
M0-T5	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	138
M0-T5(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	139
M0-T6	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	138
M0-T6	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	138
M0-T7	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	146
M0-T7	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	146
M0-T8	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	131
M0-T8	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	131
M1-T1	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	138
M1-T1(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	138
M1-T2	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	123
M1-T2(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	124
M1-T3	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	123
M1-T3(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	123
M1-T4	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	121
M1-T4(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	116
M1-T5	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	131
M1-T5	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	133
M1-T6	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	131
M1-T6	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	131
M1-T7	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	131
M1-T7	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	130
M2-T1	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	153
M2-T1(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	155
M2-T2	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	146
M2-T2(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	147
M2-T3	Devers–San Bernardino No. 1	Etiwanda–San Bernardino	Remove	LST	148

Table Ap.1A-1. Structure Heights – Segment 1

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
M2-T3(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	148
M2-T4	Devers–San Bernardino No.1	Etiwanda–San Bernardino	Remove	LST	154
M2-T4(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	155
M2-T5	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	118
M2-T5	Devers–San Bernardino No.1	Etiwanda–San Bernardino	Remove	LST	117
M39-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	165
M3-T1	Devers–San Bernardino No.1	Etiwanda–San Bernardino	Remove	LST	122
M3-T1(2)	El Casco–San Bernardino	San Bernardino–Vista	Remove	LST	148
M3-T2	Devers–San Bernardino No.1	Etiwanda–San Bernardino	Remove	LST	128
M3-T2(3)	San Bernardino–Vista	n/a	Remove	LST	128

Table Ap.1A-2. Structure Heights – Segment 2

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
2N01	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	164
2N02	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	172
2N04	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	189
2N06	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	143
2N07	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	167
2N08	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	124
2N10	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	161
2N11	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	139
2N12	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	137
2N14	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	113
2N15	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	158
2N16	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	113
2N17	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	153
2N18	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	184
2N20	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182
2N21	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	181
2N22	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	134
2N23	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	157
2N25	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	157
2N26	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	174
2N28	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	156
2N29	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	150
2N30	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	131
2N31	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	147
2N32	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	155
2N33	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	158
2N34	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	181
2N35	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	155
2N36	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	143
2N37	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	168
2N38	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	168
V1C	Devers-Vista No.1	Devers-Vista No.2	Modify	Rack	65
V1XC	Devers-Vista No.2	Devers-Vista No.2	Modify	Rack	65
M39-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	174
M40-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	144
M40-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	111
M40-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	131
M40-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	119
M41-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	122
M41-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	119
M41-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	150
M41-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	140
M42-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	145

Table Ap.1A-2. Structure Heights – Segment 2

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
M42-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	122
M42-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	141
M42-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	144
M42-T5	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	153
M43-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	112
M43-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	123
M43-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	123
M43-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	166
M43-T6	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	158
M44-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	149
M44-T5	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	137
M44-T6	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	141
M44-T7	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	141
M44-T8	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	141
M5-T1(2)	El Casco-San Bernardino	n/a	Remove	LST	141

Table Ap.1A-3. Structure Heights – Segment 3

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
3N01	Devers–San Bernardino	El Casco–San Bernardino	Modify	LST	133
3N02	Devers–San Bernardino	El Casco–San Bernardino	Modify	LST	129
3N03	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	140
3N04	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	127
3N06	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	116
3N07	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	182
3N08	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	145
3N10	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	181
3N12	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	135
3N13	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	181
3N14	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	159
3N15	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	166
3N16	Devers–San Bernardino	El Casco–San Bernardino	Proposed	TSP	123
3N17	Devers–San Bernardino	El Casco–San Bernardino	Proposed	TSP	153
3N19	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	127
3N20	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	128
3N21	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	143
3N22	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	182
3N23	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	144
3N24	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	164
3N25	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	131
3N26	Devers–San Bernardino	El Casco–San Bernardino	Proposed	TSP	153
3N27	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	147
3N28	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	134
3N29	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	192
3N31	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	127
3N32	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	134
3N33	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	169
3N35	Devers–San Bernardino	El Casco–San Bernardino	Proposed	TSP	108
3N36	Devers–San Bernardino	El Casco–San Bernardino	Proposed	TSP	183
3N37	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	136
3N38	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	125
3N39	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	159
3N40	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	131
3N41	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	191
3N42	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	124
3N43	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	136
3N44	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	163
3N46	Devers–San Bernardino	El Casco–San Bernardino	Proposed	TSP	128
3N48	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	128
3N50	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	182
3N51	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	164
3N53	Devers–San Bernardino	El Casco–San Bernardino	Proposed	TSP	153

Table Ap.1A-3. Structure Heights – Segment 3

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
3N55	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	152
3N56	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	139
3N57	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	166
3N59	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	154
3N60	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	161
3N61	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	152
3N62	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	156
3N63	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	124
3N64	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	163
3N65	Devers–San Bernardino	El Casco–San Bernardino	Proposed	LST	140
3S01	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	175
3S02	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	128
3S03	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	163
3S04	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	181
3S06	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	143
3S07	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	192
3S08	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	163
3S10	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	191
3S12	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	135
3S13	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182
3S14	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	159
3S15	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	189
3S16	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	138
3S17	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	163
3S19	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	127
3S20	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	128
3S21	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	143
3S22	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	191
3S23	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	135
3S24	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	165
3S25	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	129
3S26	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	153
3S27	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	131
3S28	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	151
3S29	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	192
3S31	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	134
3S32	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	129
3S33	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	177
3S35	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	108
3S36	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	183
3S37	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	132
3S38	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	127
3S39	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	157

Table Ap.1A-3. Structure Heights – Segment 3

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
3S40	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	132
3S41	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	192
3S42	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	125
3S43	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	136
3S44	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	163
3S46	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	128
3S48	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	129
3S50	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	181
3S51	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	159
3S53	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	153
3S55	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	159
3S56	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	140
3S57	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	162
3S59	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	154
3S60	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	162
3S61	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	152
3S62	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	181
3S63	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	124
3S64	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	164
3S65	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	180
EC1N	El Casco–San Bernardino	n/a	Modify	Rack	65
M29-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	115
M30-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	177
M30-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	152
M30-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	119
M30-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	151
M31-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	129
M31-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	155
M31-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	151
M32-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	146
M32-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	150
M32-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	130
M33-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	119
M33-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	137
M33-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	132
M33-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	122
M33-T5	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	118
M34-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	118
M34-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	117
M34-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	147
M35-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	130
M35-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	121
M36-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	127

Table Ap.1A-3. Structure Heights – Segment 3

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
M36-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	134
M36-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	119
M37-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	135
M37-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	134
M37-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	178
M38-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	182
M38-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	155
M38-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	142
M38-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	133
M39-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	129
M39-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	146
M89-T1	Devers–San Bernardino No.1	n/a	Remove	LST	90
M89-T2	Devers–San Bernardino No.1	n/a	Remove	LST	83
M89-T3	Devers–San Bernardino No.1	n/a	Remove	LST	74
M90-T1	Devers–San Bernardino No.1	n/a	Remove	LST	77
M90-T2	Devers–San Bernardino No.1	n/a	Remove	LST	74
M90-T3	Devers–San Bernardino No.1	n/a	Remove	LST	83
M90-T4	Devers–San Bernardino No.1	n/a	Remove	LST	81
M91-T1	Devers–San Bernardino No.1	n/a	Remove	LST	82
M91-T2	Devers–San Bernardino No.1	n/a	Remove	LST	81
M91-T3	Devers–San Bernardino No.1	n/a	Remove	LST	82
M92-T1	Devers–San Bernardino No.1	n/a	Remove	LST	83
M92-T2	Devers–San Bernardino No.1	n/a	Remove	LST	108
M92-T3	Devers–San Bernardino No.1	n/a	Remove	LST	83
M93-T1	Devers–San Bernardino No.1	n/a	Remove	LST	78
M93-T2	Devers–San Bernardino No.1	n/a	Remove	LST	83
M93-T3	Devers–San Bernardino No.1	n/a	Remove	LST	98
M93-T4	Devers–San Bernardino No.1	n/a	Remove	LST	75
M94-T1	Devers–San Bernardino No.1	n/a	Remove	LST	78
M94-T2	Devers–San Bernardino No.1	n/a	Remove	LST	78
M95-T1	Devers–San Bernardino No.1	n/a	Remove	LST	81
M95-T2	Devers–San Bernardino No.1	n/a	Remove	LST	78
M95-T3	Devers–San Bernardino No.1	n/a	Remove	LST	80
M96-T1	Devers–San Bernardino No.1	n/a	Remove	LST	81
M96-T2	Devers–San Bernardino No.1	n/a	Remove	LST	76
M96-T3	Devers–San Bernardino No.1	n/a	Remove	LST	83
M97-T1	Devers–San Bernardino No.1	n/a	Remove	LST	84
M97-T2	Devers–San Bernardino No.1	n/a	Remove	LST	83
M97-T3	Devers–San Bernardino No.1	n/a	Remove	LST	90
M98-T1	Devers–San Bernardino No.1	n/a	Remove	LST	108
M98-T2	Devers–San Bernardino No.1	n/a	Remove	LST	108
M98-T3	Devers–San Bernardino No.1	n/a	Remove	LST	80
M99-T1	Devers–San Bernardino No.1	n/a	Remove	LST	81

Table Ap.1A-3. Structure Heights – Segment 3

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
M99-T2	Devers–San Bernardino No.1	n/a	Remove	LST	79
M99-T3	Devers–San Bernardino No.1	n/a	Remove	LST	81
PP#123223	El Casco–San Bernardino	n/a	Remove	LST	95
PP#123224	El Casco–San Bernardino	n/a	Remove	LST	84
PP#123225	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123226	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123227	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123228	El Casco–San Bernardino	n/a	Remove	LST	95
PP#123229	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123230	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123231	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123232	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123233	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123234	El Casco–San Bernardino	n/a	Remove	LST	84
PP#123235	El Casco–San Bernardino	n/a	Remove	LST	96
PP#123236	El Casco–San Bernardino	n/a	Remove	LST	95
PP#123237	El Casco–San Bernardino	n/a	Remove	LST	95
PP#123238	El Casco–San Bernardino	n/a	Remove	LST	94
PP#123239	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123240	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123241	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123242	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123243	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123244	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123245	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123246	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123247	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123248	El Casco–San Bernardino	n/a	Remove	LST	83
PP#123249	El Casco–San Bernardino	n/a	Remove	LST	82
PP#123250	El Casco–San Bernardino	n/a	Remove	LST	83
PP#123251	El Casco–San Bernardino	n/a	Remove	LST	94
PP#123252	El Casco–San Bernardino	n/a	Remove	LST	84
PP#123253	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123254	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123255	El Casco–San Bernardino	n/a	Remove	LST	95
PP#123256	El Casco–San Bernardino	n/a	Remove	LST	84
PP#123257	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123258	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123259	El Casco–San Bernardino	n/a	Remove	LST	96
PP#123260	El Casco–San Bernardino	n/a	Remove	LST	95
PP#123261	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123262	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123263	El Casco–San Bernardino	n/a	Remove	LST	86

Table Ap.1A-3. Structure Heights – Segment 3

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
PP#123264	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123265	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123266	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123267	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123268	El Casco–San Bernardino	n/a	Remove	LST	86
PP#123269	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123270	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123271	El Casco–San Bernardino	n/a	Remove	LST	95
PP#123272	El Casco–San Bernardino	n/a	Remove	LST	85
PP#123273	El Casco–San Bernardino	n/a	Remove	LST	97

Table Ap.1A-4. Structure Heights – Segment 4

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
4N01	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	153
4N02	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	163
4N03	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	180
4N04	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	193
4N05	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	128
4N06	Devers–San Bernardino	Devers-El Casco	Proposed	LST	134
4N07	Devers–San Bernardino	Devers-El Casco	Proposed	LST	152
4N08	Devers–San Bernardino	Devers-El Casco	Proposed	LST	127
4N09	Devers–San Bernardino	Devers-El Casco	Proposed	LST	167
4N10	Devers–San Bernardino	Devers-El Casco	Proposed	LST	117
4N12	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	153
4N13	Devers–San Bernardino	Devers-El Casco	Modify	LST	125
4N14	Devers–San Bernardino	Devers-El Casco	Proposed	LST	163
4N15	Devers–San Bernardino	Devers-El Casco	Proposed	LST	129
4N16	Devers–San Bernardino	Devers-El Casco	Proposed	LST	130
4N17	Devers–San Bernardino	Devers-El Casco	Proposed	LST	140
4N18	Devers–San Bernardino	Devers-El Casco	Proposed	LST	139
4N19	Devers–San Bernardino	Devers-El Casco	Proposed	LST	133
4N20	Devers–San Bernardino	Devers-El Casco	Proposed	LST	133
4N21	Devers–San Bernardino	Devers-El Casco	Proposed	LST	142
4N22	Devers–San Bernardino	Devers-El Casco	Proposed	LST	139
4N23	Devers–San Bernardino	Devers-El Casco	Proposed	LST	137
4N24	Devers–San Bernardino	Devers-El Casco	Proposed	LST	161
4N25	Devers–San Bernardino	Devers-El Casco	Proposed	LST	164
4N26	Devers–San Bernardino	Devers-El Casco	Proposed	LST	191
4N27	Devers–San Bernardino	Devers-El Casco	Proposed	LST	191
4N29	Devers–San Bernardino	Devers-El Casco	Proposed	LST	148
4N30	Devers–San Bernardino	Devers-El Casco	Proposed	LST	157
4N31	Devers–San Bernardino	Devers-El Casco	Proposed	LST	145
4N32	Devers–San Bernardino	Devers-El Casco	Proposed	LST	165
4N34	Devers–San Bernardino	Devers-El Casco	Modify	LST	154
4N35	Devers–San Bernardino	Devers-El Casco	Proposed	LST	153
4N36	Devers–San Bernardino	Devers-El Casco	Proposed	LST	138
4N37	Devers–San Bernardino	Devers-El Casco	Proposed	LST	181
4N38	Devers–San Bernardino	Devers-El Casco	Proposed	LST	181
4N39	Devers–San Bernardino	Devers-El Casco	Proposed	LST	139
4N40	Devers–San Bernardino	Devers-El Casco	Proposed	LST	127
4N41	Devers–San Bernardino	Devers-El Casco	Proposed	LST	157
4N42	Devers–San Bernardino	Devers-El Casco	Proposed	LST	146
4N43	Devers–San Bernardino	Devers-El Casco	Proposed	LST	166
4N44	Devers–San Bernardino	Devers-El Casco	Proposed	LST	159
4N45	Devers–San Bernardino	Devers-El Casco	Proposed	LST	156
4N46	Devers–San Bernardino	Devers-El Casco	Proposed	LST	157

Table Ap.1A-4. Structure Heights – Segment 4

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
4N47	Devers–San Bernardino	Devers-El Casco	Proposed	LST	158
4N48	Devers–San Bernardino	Devers-El Casco	Proposed	LST	189
4N50	Devers–San Bernardino	Devers-El Casco	Proposed	LST	157
4N51	Devers–San Bernardino	Devers-El Casco	Proposed	LST	156
4N52	Devers–San Bernardino	Devers-El Casco	Proposed	LST	129
4N53	Devers–San Bernardino	Devers-El Casco	Proposed	LST	150
4N54	Devers–San Bernardino	Devers-El Casco	Proposed	LST	148
4N55	Devers–San Bernardino	Devers-El Casco	Proposed	LST	155
4N56	Devers–San Bernardino	Devers-El Casco	Modify	LST	176
4N57	Devers–San Bernardino	Devers-El Casco	Proposed	LST	120
4N58	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	138
4N59	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	128
4N60	Devers–San Bernardino	Devers-El Casco	Proposed	LST	149
4N61	Devers–San Bernardino	Devers-El Casco	Proposed	LST	136
4N62	Devers–San Bernardino	Devers-El Casco	Proposed	LST	119
4N63	Devers–San Bernardino	Devers-El Casco	Proposed	LST	135
4N64	Devers–San Bernardino	Devers-El Casco	Proposed	LST	134
4N65	Devers-El Casco	n/a	Modify	LST	132
4S01	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	153
4S02	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	188
4S03	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	188
4S04	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	193
4S05	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	128
4S06	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	137
4S07	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	153
4S08	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	128
4S09	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	167
4S10	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	119
4S12	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	148
4S13	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	117
4S14	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	165
4S15	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	130
4S16	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	133
4S17	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	139
4S18	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	139
4S19	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	133
4S20	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	133
4S21	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	142
4S22	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	139
4S23	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	136
4S24	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	160
4S25	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	163
4S26	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	191

Table Ap.1A-4. Structure Heights – Segment 4

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
4S27	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	192
4S29	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	148
4S30	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	157
4S31	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	145
4S32	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	165
4S34	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	159
4S35	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	153
4S36	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	137
4S37	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	187
4S38	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	181
4S39	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	139
4S40	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	127
4S41	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	157
4S42	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	150
4S43	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	166
4S44	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	158
4S45	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	156
4S46	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	157
4S47	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	165
4S48	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	181
4S50	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	155
4S51	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	163
4S52	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	138
4S53	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	155
4S54	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	145
4S55	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	157
4S56	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	142
4S57	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	124
4S58	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	139
4S59	Devers-Vista No.1	Devers-Vista No.2	Modify	LST	148
4S60	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	164
EC7N	Devers-El Casco	n/a	Modify	Rack	65
M17-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	130
M18-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	123
M18-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	157
M18-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	127
M18-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	124
M19-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	136
M19-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	133
M19-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	148
M20-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	130
M20-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	149
M20-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	125

Table Ap.1A-4. Structure Heights – Segment 4

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
M21-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	127
M21-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	124
M21-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	131
M21-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	127
M22-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	120
M22-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	130
M22-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	136
M22-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	133
M23-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	131
M23-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	155
M23-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	155
M24-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	143
M24-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	119
M24-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	144
M24-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	140
M25-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	145
M25-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	124
M25-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	145
M25-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	140
M26-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	137
M26-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	157
M26-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	151
M27-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	135
M27-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	156
M27-T3	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	144
M27-T4	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	126
M77-T3	Devers–San Bernardino No.1	n/a	Remove	LST	104
M78-T1	Devers–San Bernardino No.1	n/a	Remove	LST	90
M78-T2	Devers–San Bernardino No.1	n/a	Remove	LST	77
M78-T3	Devers–San Bernardino No.1	n/a	Remove	LST	82
M78-T4	Devers–San Bernardino No.1	n/a	Remove	LST	85
M79-T1	Devers–San Bernardino No.1	n/a	Remove	LST	84
M79-T2	Devers–San Bernardino No.1	n/a	Remove	LST	84
M79-T3	Devers–San Bernardino No.1	n/a	Remove	LST	90
M80-T1	Devers–San Bernardino No.1	n/a	Remove	LST	81
M80-T2	Devers–San Bernardino No.1	n/a	Remove	LST	90
M80-T3	Devers–San Bernardino No.1	n/a	Remove	LST	102
M80-T4	Devers–San Bernardino No.1	n/a	Remove	LST	90
M81-T1	Devers–San Bernardino No.1	n/a	Remove	LST	84
M81-T2	Devers–San Bernardino No.1	n/a	Remove	LST	84
M81-T3	Devers–San Bernardino No.1	n/a	Remove	LST	85
M81-T4	Devers–San Bernardino No.1	n/a	Remove	LST	84
M82-T1	Devers–San Bernardino No.1	n/a	Remove	LST	82

Table Ap.1A-4. Structure Heights – Segment 4

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
M82-T2	Devers–San Bernardino No.1	n/a	Remove	LST	83
M82-T3	Devers–San Bernardino No.1	n/a	Remove	LST	95
M82-T4	Devers–San Bernardino No.1	n/a	Remove	LST	84
M83-T1	Devers–San Bernardino No.1	n/a	Remove	LST	89
M83-T2	Devers–San Bernardino No.1	n/a	Remove	LST	108
M83-T3	Devers–San Bernardino No.1	n/a	Remove	LST	84
M84-T1	Devers–San Bernardino No.1	n/a	Remove	LST	102
M84-T2	Devers–San Bernardino No.1	n/a	Remove	LST	79
M84-T3	Devers–San Bernardino No.1	n/a	Remove	LST	102
M84-T4	Devers–San Bernardino No.1	n/a	Remove	LST	103
M85-T1	Devers–San Bernardino No.1	n/a	Remove	LST	102
M85-T2	Devers–San Bernardino No.1	n/a	Remove	LST	84
M85-T3	Devers–San Bernardino No.1	n/a	Remove	LST	84
M85-T4	Devers–San Bernardino No.1	n/a	Remove	LST	101
M86-T1	Devers–San Bernardino No.1	n/a	Remove	LST	88
M86-T2	Devers–San Bernardino No.1	n/a	Remove	LST	91
M86-T3	Devers–San Bernardino No.1	n/a	Remove	LST	103
M87-T1	Devers–San Bernardino No.1	n/a	Remove	LST	82
M87-T2	Devers–San Bernardino No.1	n/a	Remove	LST	88
M87-T3	Devers–San Bernardino No.1	n/a	Remove	LST	77
M87-T4	Devers–San Bernardino No.1	n/a	Remove	LST	78
M88-T1	Devers–San Bernardino No.1	n/a	Remove	LST	99
M88-T2	Devers–San Bernardino No.1	n/a	Remove	LST	102
PP#123274	Devers-El Casco	n/a	Remove	LST	96
PP#123275	Devers-El Casco	n/a	Remove	LST	95
PP#123276	Devers-El Casco	n/a	Remove	LST	96
PP#123277	Devers-El Casco	n/a	Remove	LST	95
PP#123278	Devers-El Casco	n/a	Remove	LST	85
PP#123279	Devers-El Casco	n/a	Remove	LST	94
PP#123280	Devers-El Casco	n/a	Remove	LST	86
PP#123281	Devers-El Casco	n/a	Remove	LST	86
PP#123282	Devers-El Casco	n/a	Remove	LST	95
PP#123283	Devers-El Casco	n/a	Remove	LST	96
PP#123284	Devers-El Casco	n/a	Remove	LST	96
PP#123285	Devers-El Casco	n/a	Remove	LST	85
PP#123286	Devers-El Casco	n/a	Remove	LST	84
PP#123287	Devers-El Casco	n/a	Remove	LST	85
PP#123288	Devers-El Casco	n/a	Remove	LST	85
PP#123289	Devers-El Casco	n/a	Remove	LST	85
PP#123290	Devers-El Casco	n/a	Remove	LST	86
PP#123291	Devers-El Casco	n/a	Remove	LST	85
PP#123292	Devers-El Casco	n/a	Remove	LST	95
PP#123293	Devers-El Casco	n/a	Remove	LST	96

Table Ap.1A-4. Structure Heights – Segment 4

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
PP#123294	Devers-El Casco	n/a	Remove	LST	95
PP#123295	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123296	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123297	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123298	Devers-El Casco	n/a	Remove	Wood Pole	73
PP#123299	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123300	Devers-El Casco	n/a	Remove	Wood Pole	71
PP#123301	Devers-El Casco	n/a	Remove	Wood Pole	73
PP#123302	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123303	Devers-El Casco	n/a	Remove	Wood Pole	74
PP#123304	Devers-El Casco	n/a	Remove	Wood Pole	70
PP#123305	Devers-El Casco	n/a	Remove	Wood Pole	76
PP#123306	Devers-El Casco	n/a	Remove	Wood Pole	71
PP#123307	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123308	Devers-El Casco	n/a	Remove	Wood Pole	76
PP#123309	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123310	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123311	Devers-El Casco	n/a	Remove	Wood Pole	72
PP#123312	Devers-El Casco	n/a	Remove	Wood Pole	83
PP#123313	Devers-El Casco	n/a	Remove	Wood Pole	88
PP#123314	Devers-El Casco	n/a	Remove	Wood Pole	76
PP#123315	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123316	Devers-El Casco	n/a	Remove	Wood Pole	76
PP#123317	Devers-El Casco	n/a	Remove	Wood Pole	76
PP#123318	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123318A	Devers-El Casco	n/a	Remove	Wood Pole	75
PP#123319	Devers-El Casco	n/a	Remove	Wood Pole	82
PP#123320	Devers-El Casco	n/a	Remove	Wood Pole	79
PP#123321	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123322	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123323	Devers-El Casco	n/a	Remove	Wood Pole	79
PP#123324	Devers-El Casco	n/a	Remove	Wood Pole	79
PP#123325	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123326	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123327	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123328	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123329	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123330	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123331	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123332	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123333	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123334	Devers-El Casco	n/a	Remove	Wood Pole	79
PP#123335	Devers-El Casco	n/a	Remove	Wood Pole	78

Table Ap.1A-4. Structure Heights – Segment 4

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
PP#123336	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123337	Devers-El Casco	n/a	Remove	Wood Pole	103
PP#123338	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123339	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123340	Devers-El Casco	n/a	Remove	Wood Pole	75
PP#123341	Devers-El Casco	n/a	Remove	Wood Pole	88
PP#123342	Devers-El Casco	n/a	Remove	Wood Pole	80
PP#123343	Devers-El Casco	n/a	Remove	Wood Pole	87
PP#123344	Devers-El Casco	n/a	Remove	Wood Pole	78
PP#123345	Devers-El Casco	n/a	Remove	Wood Pole	83
PP#123346	Devers-El Casco	n/a	Remove	Wood Pole	65
PP#123347	Devers-El Casco	n/a	Remove	Wood Pole	79
PP#123348	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123349	Devers-El Casco	n/a	Remove	Wood Pole	82
PP#123350	Devers-El Casco	n/a	Remove	Wood Pole	76
PP#123351	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123352	Devers-El Casco	n/a	Remove	Wood Pole	76
PP#123353	Devers-El Casco	n/a	Remove	Wood Pole	47
PP#123354	Devers-El Casco	n/a	Remove	Wood Pole	85
PP#123355	Devers-El Casco	n/a	Remove	Wood Pole	90
PP#123356	Devers-El Casco	n/a	Remove	Wood Pole	80

Table Ap.1A-5. Structure Heights – Segment 5

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
5N01	Devers–San Bernardino	Devers-El Casco	Proposed	LST	137
5N02	Devers–San Bernardino	Devers-El Casco	Proposed	LST	132
5N03	Devers–San Bernardino	Devers-El Casco	Proposed	LST	152
5N04	Devers–San Bernardino	Devers-El Casco	Proposed	LST	151
5N05	Devers–San Bernardino	Devers-El Casco	Proposed	LST	150
5N06	Devers–San Bernardino	Devers-El Casco	Proposed	LST	134
5N07	Devers–San Bernardino	Devers-El Casco	Proposed	LST	189
5N08	Devers–San Bernardino	Devers-El Casco	Proposed	LST	158
5N09	Devers–San Bernardino	Devers-El Casco	Proposed	LST	163
5N10	Devers–San Bernardino	Devers-El Casco	Proposed	LST	133
5N11	Devers–San Bernardino	Devers-El Casco	Proposed	LST	149
5N12	Devers–San Bernardino	Devers-El Casco	Proposed	LST	142
5N13	Devers–San Bernardino	Devers-El Casco	Proposed	LST	165
5N14	Devers–San Bernardino	Devers-El Casco	Proposed	LST	165
5N15	Devers–San Bernardino	Devers-El Casco	Proposed	LST	187
5N16	Devers–San Bernardino	Devers-El Casco	Proposed	LST	166
5N17	Devers–San Bernardino	Devers-El Casco	Proposed	LST	155
5N18	Devers–San Bernardino	Devers-El Casco	Proposed	LST	155
5N19	Devers–San Bernardino	Devers-El Casco	Proposed	LST	181
5N20	Devers–San Bernardino	Devers-El Casco	Proposed	LST	152
5N21	Devers–San Bernardino	Devers-El Casco	Proposed	LST	155
5N22	Devers–San Bernardino	Devers-El Casco	Proposed	LST	181
5N23	Devers–San Bernardino	Devers-El Casco	Proposed	LST	186
5N24	Devers–San Bernardino	Devers-El Casco	Proposed	LST	181
5N27	Devers–San Bernardino	Devers-El Casco	Proposed	LST	181
5N28	Devers–San Bernardino	Devers-El Casco	Proposed	LST	139
5N29	Devers–San Bernardino	Devers-El Casco	Proposed	LST	140
5N30	Devers–San Bernardino	Devers-El Casco	Proposed	LST	157
5N31	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	123
5N32	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	118
5N34	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	123
5N35	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	123
5N36	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	123
5N37	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	118
5N38	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	118
5N39	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	113
5N40	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	118
5N41	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	118
5N42	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	118
5N43	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	113
5N44	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	113
5N44A	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	118
5N45	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	118

Table Ap.1A-5. Structure Heights – Segment 5

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
5N46	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	123
5N47	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	133
5N48	Devers–San Bernardino	Devers-El Casco	Proposed	LST	166
5N49	Devers–San Bernardino	Devers-El Casco	Proposed	LST	184
5N52	Devers–San Bernardino	Devers-El Casco	Proposed	LST	182
5N54	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	178
5S01	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	136
5S02	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	134
5S03	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	155
5S04	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	153
5S05	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	154
5S06	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	137
5S07	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	192
5S08	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	157
5S09	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	163
5S10	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	134
5S11	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	153
5S12	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	142
5S13	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	165
5S14	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	158
5S15	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	187
5S16	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	167
5S17	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	154
5S18	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	155
5S19	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182
5S20	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	152
5S21	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	155
5S22	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182
5S23	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	185
5S24	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182
5S27	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	181
5S28	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	140
5S29	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	140
5S30	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	154
5S31	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	123
5S32	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	118
5S34	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	123
5S35	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	123
5S36	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	123
5S37	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	118
5S38	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	118
5S39	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	113
5S40	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	118

Table Ap.1A-5. Structure Heights – Segment 5

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
5S41	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	118
5S42	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	118
5S43	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	113
5S44	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	113
5S44A	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	118
5S45	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	118
5S46	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	123
5S47	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	133
5S48	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	163
5S49	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	183
5S52	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182
5S54	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	178
M10-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	138
M10-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	127
M10-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	151
M11-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	148
M11-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	133
M11-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	155
M12-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	152
M12-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	135
M12-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	147
M12-T4	Devers-El Casco	Devers-Vista No.2	Remove	LST	154
M13-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	156
M13-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	157
M13-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	142
M14-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	127
M14-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	136
M14-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	132
M14-T4	Devers-El Casco	Devers-Vista No.2	Remove	LST	127
M15-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	122
M15-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	130
M15-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	130
M15-T4	Devers-El Casco	Devers-Vista No.2	Remove	LST	121
M16-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	127
M16-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	124
M16-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	145
M16-T4	Devers-El Casco	Devers-Vista No.2	Remove	LST	172
M16-T5	Devers-Vista No.1	n/a	Remove	LST	54
M17-T1	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	123
M17-T2	Devers-Vista No.1	Devers-Vista No.2	Remove	LST	136
M68-T3	Devers–San Bernardino No.1	n/a	Remove	LST	84
M68-T4	Devers–San Bernardino No.1	n/a	Remove	LST	90
M69-T1	Devers–San Bernardino No.1	n/a	Remove	LST	83

Table Ap.1A-5. Structure Heights – Segment 5

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
M69-T2	Devers–San Bernardino No.1	n/a	Remove	LST	90
M69-T3	Devers–San Bernardino No.1	n/a	Remove	LST	98
M70-T1	Devers–San Bernardino No.1	n/a	Remove	LST	77
M70-T2	Devers–San Bernardino No.1	n/a	Remove	LST	80
M70-T3	Devers–San Bernardino No.1	n/a	Remove	LST	78
M71-T1	Devers–San Bernardino No.1	n/a	Remove	LST	96
M71-T2	Devers–San Bernardino No.1	n/a	Remove	LST	84
M71-T3	Devers–San Bernardino No.1	n/a	Remove	LST	84
M71-T4	Devers–San Bernardino No.1	n/a	Remove	LST	108
M72-T1	Devers–San Bernardino No.1	n/a	Remove	LST	90
M72-T2	Devers–San Bernardino No.1	n/a	Remove	LST	96
M72-T3	Devers–San Bernardino No.1	n/a	Remove	LST	89
M73-T1	Devers–San Bernardino No.1	n/a	Remove	LST	109
M73-T2	Devers–San Bernardino No.1	n/a	Remove	LST	90
M73-T3	Devers–San Bernardino No.1	n/a	Remove	LST	108
M74-T1	Devers–San Bernardino No.1	n/a	Remove	LST	80
M74-T2	Devers–San Bernardino No.1	n/a	Remove	LST	85
M74-T3	Devers–San Bernardino No.1	n/a	Remove	LST	83
M74-T4	Devers–San Bernardino No.1	n/a	Remove	LST	80
M75-T1	Devers–San Bernardino No.1	n/a	Remove	LST	84
M75-T2	Devers–San Bernardino No.1	n/a	Remove	LST	84
M75-T3	Devers–San Bernardino No.1	n/a	Remove	LST	91
M75-T4	Devers–San Bernardino No.1	n/a	Remove	LST	84
M75-T5	Devers–San Bernardino No.1	n/a	Remove	LST	84
M76-T1	Devers–San Bernardino No.1	n/a	Remove	LST	81
M76-T2	Devers–San Bernardino No.1	n/a	Remove	LST	79
M76-T3	Devers–San Bernardino No.1	n/a	Remove	LST	92
M76-T4	Devers–San Bernardino No.1	n/a	Remove	LST	78
M77-T1	Devers–San Bernardino No.1	n/a	Remove	LST	81
M77-T2	Devers–San Bernardino No.1	n/a	Remove	LST	84
M8-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	135
M8-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	148
M8-T4	Devers-El Casco	Devers-Vista No.2	Remove	LST	148
M9-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	156
M9-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	150
M9-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	125
PP#123357	Devers-El Casco	n/a	Remove	Wood Pole	92
PP#123358	Devers-El Casco	n/a	Remove	Wood Pole	77
PP#123359	Devers-El Casco	n/a	Remove	Wood Pole	67
PP#123360	Devers-El Casco	n/a	Remove	Wood Pole	56
T155	Devers-Vista No.1	n/a	Remove	Wood Pole	82
T156	Devers-Vista No.1	n/a	Remove	Wood Pole	103
T157	Devers-Vista No.1	n/a	Remove	Wood Pole	101

Table Ap.1A-5. Structure Heights – Segment 5

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
T158	Devers-Vista No.1	n/a	Remove	Wood Pole	84
T159	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T159A	Devers-Vista No.1	n/a	Remove	Wood Pole	74
T160	Devers-Vista No.1	n/a	Remove	Wood Pole	66
T161	Devers-Vista No.1	n/a	Remove	Wood Pole	82
T162	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T163	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T164	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T165	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T166	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T167	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T168	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T169	Devers-Vista No.1	n/a	Remove	Wood Pole	77
T170	Devers-Vista No.1	n/a	Remove	Wood Pole	64
T171	Devers-Vista No.1	n/a	Remove	Wood Pole	80
T172	Devers-Vista No.1	n/a	Remove	Wood Pole	76
T173	Devers-Vista No.1	n/a	Remove	Wood Pole	77
T174	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T175	Devers-Vista No.1	n/a	Remove	Wood Pole	91
T181	Devers-Vista No.1	n/a	Remove	Wood Pole	83
T182	Devers-Vista No.1	n/a	Remove	Wood Pole	84
T183	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T184	Devers-Vista No.1	n/a	Remove	Wood Pole	82
T185	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T186	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T187	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T188	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T189	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T190	Devers-Vista No.1	n/a	Remove	Wood Pole	76
T191	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T192	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T193	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T194	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T195	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T196	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T197	Devers-Vista No.1	n/a	Remove	Wood Pole	75
T198	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T199	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T200	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T201	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T202	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T203	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T204	Devers-Vista No.1	n/a	Remove	Wood Pole	68

Table Ap.1A-5. Structure Heights – Segment 5

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
T205	Devers-Vista No.1	n/a	Remove	Wood Pole	77
T206	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T207	Devers-Vista No.1	n/a	Remove	Wood Pole	87
T208	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T209	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T210	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T211	Devers-Vista No.1	n/a	Remove	Wood Pole	84
T212	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T213	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T214	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T215	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T216	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T217	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T217A	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T218	Devers-Vista No.1	n/a	Remove	Wood Pole	79
4175193E	Devers-Vista No.1	n/a	Remove	TSP	112
4175194E	Devers-Vista No.1	n/a	Remove	TSP	107
4175195E	Devers-Vista No.1	n/a	Remove	TSP	131
4175196E	Devers-Vista No.1	n/a	Remove	TSP	148
4175197E	Devers-Vista No.1	n/a	Remove	TSP	117

Table Ap.1A-6. Structure Heights – Segment 6

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
6N07	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	188
6N08	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	188
6N09	Devers–San Bernardino	Devers-El Casco	Proposed	LST	184
6N10	Devers–San Bernardino	Devers-El Casco	Proposed	LST	184
6N11	Devers–San Bernardino	Devers-El Casco	Proposed	LST	146
6N12	Devers–San Bernardino	Devers-El Casco	Proposed	LST	143
6N13	Devers–San Bernardino	Devers-El Casco	Proposed	LST	147
6N14	Devers–San Bernardino	Devers-El Casco	Proposed	LST	142
6N15	Devers–San Bernardino	Devers-El Casco	Proposed	LST	154
6N16	Devers–San Bernardino	Devers-El Casco	Proposed	LST	143
6N17	Devers–San Bernardino	Devers-El Casco	Proposed	LST	152
6N18	Devers–San Bernardino	Devers-El Casco	Proposed	LST	148
6N19	Devers–San Bernardino	Devers-El Casco	Proposed	LST	151
6N20	Devers–San Bernardino	Devers-El Casco	Proposed	LST	152
6N21	Devers–San Bernardino	Devers-El Casco	Proposed	LST	156
6N22	Devers–San Bernardino	Devers-El Casco	Proposed	LST	151
6N23	Devers–San Bernardino	Devers-El Casco	Proposed	LST	142
6N24	Devers–San Bernardino	Devers-El Casco	Proposed	LST	145
6N25	Devers–San Bernardino	Devers-El Casco	Proposed	LST	153
6N26	Devers–San Bernardino	Devers-El Casco	Proposed	LST	137
6N27	Devers–San Bernardino	Devers-El Casco	Proposed	LST	183
6N28	Devers–San Bernardino	Devers-El Casco	Proposed	LST	191
6N29	Devers–San Bernardino	Devers-El Casco	Proposed	LST	123
6N30	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	123
6N31	Devers–San Bernardino	Devers-El Casco	Proposed	TSP	158
6N32	Devers–San Bernardino	Devers-El Casco	Proposed	LST	179
6N34	Devers–San Bernardino	Devers-El Casco	Proposed	LST	166
6N35	Devers–San Bernardino	Devers-El Casco	Proposed	LST	188
6N37	Devers–San Bernardino	Devers-El Casco	Proposed	LST	150
6N38	Devers–San Bernardino	Devers-El Casco	Proposed	LST	160
6N39	Devers–San Bernardino	Devers-El Casco	Proposed	LST	150
6N40	Devers–San Bernardino	Devers-El Casco	Proposed	LST	142
6N41	Devers–San Bernardino	Devers-El Casco	Proposed	LST	139
6N42	Devers–San Bernardino	Devers-El Casco	Proposed	LST	137
6N43	Devers–San Bernardino	Devers-El Casco	Proposed	LST	142
6N44	Devers–San Bernardino	Devers-El Casco	Proposed	LST	148
6N45	Devers–San Bernardino	Devers-El Casco	Proposed	LST	150
6N46	Devers–San Bernardino	Devers-El Casco	Proposed	LST	163
6N47	Devers–San Bernardino	Devers-El Casco	Proposed	LST	182
6N48	Devers–San Bernardino	Devers-El Casco	Proposed	LST	162
6S07	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	188
6S08	Devers-Vista No.1	Devers-Vista No.2	Proposed	TSP	188
6S09	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182

Table Ap.1A-6. Structure Heights – Segment 6

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
6S10	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	184
6S11	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	145
6S12	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	142
6S13	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	148
6S14	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	137
6S15	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	135
6S16	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	138
6S17	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	142
6S18	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	131
6S19	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	137
6S20	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	153
6S21	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	154
6S22	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	138
6S23	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	136
6S24	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	164
6S25	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	163
6S26	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	121
6S27	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	157
6S28	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	191
6S28A	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	180
6S29	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	181
6S30	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	122
6S30A	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	153
6S31	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	187
6S31A	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	180
6S32	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	164
6S33	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	153
6S34	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	142
6S35	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	165
6S36	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182
6S37	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	161
6S38	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182
6S39	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	181
6S40	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	165
6S41	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	130
6S42	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	120
6S43	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	144
6S44	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	149
6S45	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	151
6S46	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	164
6S47	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	182
6S48	Devers-Vista No.1	Devers-Vista No.2	Proposed	LST	163
DEVERS 6 LOW	Devers-Vista No.2	n/a	Modify	Rack	65

Table Ap.1A-6. Structure Heights – Segment 6

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
DEVERS 8 HIGH	Devers-El Casco	n/a	Modify	Rack	103
DEVERS 8 LOW	Devers-Vista No.1	n/a	Modify	Rack	60
DEVERS 9 LOW	Devers–San Bernardino	n/a	Modify	Rack	60
M0-T1(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	187
M0-T2(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	154
M0-T2A	Devers-El Casco	Devers-Vista No.2	Remove	LST	165
M0-T3(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	162
M0-T4(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	150
M0-T5(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	145
M1-T1(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	140
M1-T2(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	146
M1-T3(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	133
M1-T4(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	136
M2-T1(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	129
M2-T2(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	137
M2-T3(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	138
M2-T4(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	134
M3-T1(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	138
M3-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	115
M45-T1X	Devers-Vista No.1	n/a	Remove	LST	107
M45-T2X	Devers-Vista No.1	Devers–San Bernardino	Remove	LST	157
M45-T3X	Devers-Vista No.1	Devers–San Bernardino	Remove	LST	157
M4-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	129
M4-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	118
M4-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	117
M5-T1(1)	Devers-El Casco	Devers-Vista No.2	Remove	LST	138
M5-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	156
M5-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	149
M60-T1X	Devers-Vista No.1	Devers–San Bernardino	Remove	LST	157
M60-T2X	Devers–San Bernardino	n/a	Remove	LST	107
M60-T3	Devers–San Bernardino No.1	n/a	Remove	LST	83
M61-T1	Devers–San Bernardino No.1	n/a	Remove	LST	89
M61-T2	Devers–San Bernardino No.1	n/a	Remove	LST	90
M61-T3	Devers–San Bernardino No.1	n/a	Remove	LST	84
M61-T4	Devers–San Bernardino No.1	n/a	Remove	LST	78
M62-T1	Devers–San Bernardino No.1	n/a	Remove	LST	84
M62-T2	Devers–San Bernardino No.1	n/a	Remove	LST	78
M62-T3	Devers–San Bernardino No.1	n/a	Remove	LST	84
M62-T4	Devers–San Bernardino No.1	n/a	Remove	LST	85
M63-T1	Devers–San Bernardino No.1	n/a	Remove	LST	84
M63-T2	Devers–San Bernardino No.1	n/a	Remove	LST	78
M64-T1	Devers–San Bernardino No.1	n/a	Remove	LST	79
M64-T2	Devers–San Bernardino No.1	n/a	Remove	LST	82

Table Ap.1A-6. Structure Heights – Segment 6

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
M64-T3	Devers–San Bernardino No.1	n/a	Remove	LST	83
M65-T1	Devers–San Bernardino No.1	n/a	Remove	LST	81
M65-T2	Devers–San Bernardino No.1	n/a	Remove	LST	81
M65-T3	Devers–San Bernardino No.1	n/a	Remove	LST	89
M66-T1	Devers–San Bernardino No.1	n/a	Remove	LST	82
M66-T2	Devers–San Bernardino No.1	n/a	Remove	LST	88
M66-T3	Devers–San Bernardino No.1	n/a	Remove	LST	101
M66-T4	Devers–San Bernardino No.1	n/a	Remove	LST	89
M67-T1	Devers–San Bernardino No.1	n/a	Remove	LST	90
M67-T2	Devers–San Bernardino No.1	n/a	Remove	LST	77
M67-T3	Devers–San Bernardino No.1	n/a	Remove	LST	84
M68-T1	Devers–San Bernardino No.1	n/a	Remove	LST	83
M68-T2	Devers–San Bernardino No.1	n/a	Remove	LST	84
M6-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	158
M6-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	148
M6-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	155
M7-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	145
M7-T2	Devers-El Casco	Devers-Vista No.2	Remove	LST	128
M7-T3	Devers-El Casco	Devers-Vista No.2	Remove	LST	137
M7-T4	Devers-El Casco	Devers-Vista No.2	Remove	LST	128
M8-T1	Devers-El Casco	Devers-Vista No.2	Remove	LST	137
T219	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T220	Devers-Vista No.1	n/a	Remove	Wood Pole	91
T220A	Devers-Vista No.1	n/a	Remove	Wood Pole	102
T221	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T222	Devers-Vista No.1	n/a	Remove	Wood Pole	77
T223	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T224	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T225	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T226	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T227	Devers-Vista No.1	n/a	Remove	Wood Pole	67
T228	Devers-Vista No.1	n/a	Remove	Wood Pole	61
T229	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T230	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T231	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T232	Devers-Vista No.1	n/a	Remove	Wood Pole	82
T233	Devers-Vista No.1	n/a	Remove	Wood Pole	72
T234	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T235	Devers-Vista No.1	n/a	Remove	Wood Pole	82
T236	Devers-Vista No.1	n/a	Remove	Wood Pole	94
T237	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T238	Devers-Vista No.1	n/a	Remove	Wood Pole	89
T239	Devers-Vista No.1	n/a	Remove	Wood Pole	89

Table Ap.1A-6. Structure Heights – Segment 6

Structure No.	Circuit 1	Circuit 2	Status	Type	Height (feet)
T240	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T241	Devers-Vista No.1	n/a	Remove	Wood Pole	80
T242	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T243	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T244	Devers-Vista No.1	n/a	Remove	Wood Pole	76
T245	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T246	Devers-Vista No.1	n/a	Remove	Wood Pole	80
T247	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T247A	Devers-Vista No.1	n/a	Remove	Wood Pole	77
T248	Devers-Vista No.1	n/a	Remove	Wood Pole	73
T249	Devers-Vista No.1	n/a	Remove	Wood Pole	84
T250	Devers-Vista No.1	n/a	Remove	LST	79
T251	Devers-Vista No.1	n/a	Remove	LST	80
T252	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T252A	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T253	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T254	Devers-Vista No.1	n/a	Remove	Wood Pole	105
T255	Devers-Vista No.1	n/a	Remove	Wood Pole	83
T256	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T257	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T258	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T259	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T260	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T261	Devers-Vista No.1	n/a	Remove	Wood Pole	77
T262	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T263	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T264	Devers-Vista No.1	n/a	Remove	Wood Pole	77
T265	Devers-Vista No.1	n/a	Remove	Wood Pole	76
T266	Devers-Vista No.1	n/a	Remove	Wood Pole	85
T267	Devers-Vista No.1	n/a	Remove	Wood Pole	82
T268	Devers-Vista No.1	n/a	Remove	Wood Pole	78
T269	Devers-Vista No.1	n/a	Remove	Wood Pole	81
T270	Devers-Vista No.1	n/a	Remove	Wood Pole	79
T271	Devers-Vista No.1	n/a	Remove	Wood Pole	80

Appendix 1B FAA Hazard Marking Evaluations

Table Ap.1B-1. Preliminary List of Spans Requiring Marker Balls*

Segment 1		3N50	3N51	4N10	4N12
From Tower	To Tower	3N51	3N53	4N12	4N13
3N65	1E03	3N57	3N59	4N37	4N38
1W02	1W03	3N62	3N63	4N54	4N55
Segment 2		3N63	3N64	4N55	4N56
From Tower	To Tower	3N64	3N65	4N56	4N57
3S65	2N01	3S01	3S02	4N57	4N58
2N01	2N02	3S02	3S03	4S01	4S02
2N02	2N04	3S03	3S04	4S02	4S03
2N04	2N06	3S04	3S06	4S03	4S04
2N06	2N07	3S07	3S08	4S04	4S05
2N07	2N08	3S08	3S10	4S10	4S12
2N08	2N10	3S10	3S12	4S12	4S13
2N10	2N11	3S15	3S16	4S37	4S38
2N11	2N12	3S16	3S17	4S54	4S55
2N12	2N14	3S17	3S19	4S55	4S56
2N15	2N16	3S20	3S21	4S56	4S57
2N18	2N20	3S31	3S32	4S57	4S58
2N32	2N33	3S32	3S33	4S58	4S59
2N35	2N36	3S33	3S35	Segment 5	
Segment 3		3S35	3S36	From Tower	To Tower
From Tower	To Tower	3S36	3S37	5N07	5N08
3N07	3N08	3S37	3S38	5N14	5N15
3N08	3N10	3S39	3S40	5N49	5N52
3N10	3N12	3S40	3S41	5N52	5N54
3N15	3N16	3S41	3S42	5S07	5S08
3N16	3N17	3S43	3S44	5S14	5S15
3N17	3N19	3S44	3S46	5S49	5S52
3N20	3N21	3S46	3S48	5S52	5S54
3N31	3N32	3S48	3S50	Segment 56	
3N32	3N33	3S50	3S51	From Tower	To Tower
3N33	3N35	3S51	3S53	6N27	6N28
3N35	3N36	3S57	3S59	6N28	6N29
3N36	3N37	3S62	3S63	6N29	6N30
3N37	3N28	3S63	3S64	6N30	6N31
3N39	3N40	3S64	3S65	6N31	6N32
3N40	3N41	Segment 4		6N34	6N35
3N41	3N42	From Tower	To Tower	6N35	6N37
3N43	3N44	4N01	4N02	6S27	6S28
3N44	3N46	4N02	4N03	6S28	6S28A
3N46	3N48	4N03	4N04	6S28A	6S29
3N48	3N50	4N04	4N05		

Note: Preliminary list of spans requiring marker balls is based on SCE's preliminary engineering where the height from the ground level to OPGW is greater than 200 feet at 25 degrees.

KEY TO CATEGORIES:

No Filing Required – No Airspace Issues
Filing Required – No Airspace Issues
Filing Recommended – Airspace Issues
Filing Required – Airspace Issues

Table Ap.1B-2. Preliminary FAA Evaluation – Segment 1

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
1W00	N34 01 56.20	W117 14 31.00	1653	141	1794	Yes	Yes	Redlands	Exceeds Traffic Pattern
1W01	N34 01 12.00	W117 14 28.00	1634	98	1732	Yes	Yes	Redlands	Exceeds Traffic Pattern
1W02	N34 01 56.07	W117 14 24.00	1621	98	1719	Yes	Yes	Redlands	Exceeds Traffic Pattern
1W03	N34 02 10.33	W117 14 22.32	1552	144	1696	Yes	Yes	Redlands	Exceeds Traffic Pattern
1E03	N34 02 10.40	W117 14 21.54	1556	141	1697	Yes	Yes	Redlands	Exceeds Traffic Pattern
1W04	N34 02 21.53	W117 14 22.41	1301	154	1456	Yes	No	Redlands	
1E04	N34 02 21.54	W117 14 21.70	1301	156	1457	Yes	No	Redlands	
1E05	N34 02 30.01	W117 14 21.71	1267	140	1407	Yes	No	Redlands	
1W05	N34 02 30.01	W117 14 22.41	1268	141	1409	Yes	No	Redlands	
1E06	N34 02 35.88	W117 14 21.71	1253	132	1385	Yes	No	Redlands	
1W06	N34 02 35.88	W117 14 22.41	1254	132	1386	Yes	No	Redlands	
1E08	N34 02 45.28	W117 14 21.72	1218	135	1354	Yes	No	Redlands	
1W08	N34 02 45.28	W117 14 22.40	1219	135	1354	Yes	No	Redlands	
1E10	N34 02 55.16	W117 14 21.69	1185	158	1344	Yes	No	Redlands	
1W10	N34 02 55.16	W117 14 22.42	1185	158	1344	Yes	No	Redlands	
1W11	N34 03 2.65	W117 14 22.44	1165	146	1311	Yes	No	Redlands	
1E11	N34 03 2.66	W117 14 21.73	1166	146	1313	Yes	No	Redlands	
1E12	N34 03 10.33	W117 14 21.76	1152	131	1283	Yes	No	Redlands	
1W12	N34 03 10.33	W117 14 22.45	1150	132	1282	Yes	No	Redlands	
1E13	N34 03 16.94	W117 14 21.78	1145	126	1271	Yes	No	Redlands	

Table Ap.1B-2. Preliminary FAA Evaluation – Segment 1

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
1W13	N34 03 16.99	W117 14 22.46	1145	125	1270	Yes	No	Redlands	
1E15	N34 03 25.22	W117 14 20.01	1139	128	1268	Yes	No	Redlands	
1W15	N34 03 25.26	W117 14 20.64	1139	128	1267	Yes	No	Redlands	
1E16	N34 03 31.09	W117 14 20.01	1138	119	1257	Yes	No	Redlands	
1W16	N34 03 31.09	W117 14 20.71	1137	120	1256	Yes	No	Redlands	
1W17	N34 03 38.44	W117 14 20.80	1132	129	1260	Yes	No	Redlands	
1E17	N34 03 38.440	W117 14 20.01	1133	129	1261	Yes	No	Redlands	
1E18	N34 03 45.20	W117 14 19.85	1128	147	1275	Yes	No	Redlands	
1W18	N34 03 45.21	W117 14 20.63	1128	147	1276	Yes	No	Redlands	
1E19	N34 03 51.66	W117 14 19.70	1126	144	1270	Yes	No	Redlands	
1W19	N34 03 51.66	W117 14 20.46	1125	144	1269	Yes	No	Redlands	
1W20	N34 03 57.05	W117 14 20.46	1123	157	1279	Yes	No	Redlands	
1E20	N34 03 57.06	W117 14 19.70	1123	157	1279	Yes	No	Redlands	
1W21	N34 04 5.74	W117 14 20.45	1120	151	1271	Yes	No	Redlands	
1E21	N34 04 05.74	W117 14 19.69	1121	149	1271	Yes	No	Redlands	
1E22	N34 04 14.04	W117 14 19.68	1119	132	1251	Yes	No	Redlands	
1W22	N34 04 14.04	W117 14 20.45	1119	133	1251	Yes	No	Redlands	
1E23	N34 04 21.45	W117 14 19.68	1117	126	1243	Yes	No	Redlands	
1W23	N34 04 21.45	W117 14 20.44	1117	126	1242	Yes	No	Redlands	
1W24	N34 04 29.75	W117 14 20.44	1116	126	1241	Yes	No	Redlands	
1E24	N34 04 29.76	W117 14 19.67	1116	126	1241	Yes	No	Redlands	
1W25	N34 04 37.56	W117 14 20.43	1115	138	1253	Yes	No	Redlands	
1E25	N34 04 37.57	W117 14 19.67	1116	138	1253	Yes	No	Redlands	
1E26	N34 04 41.18	W117 14 19.66	1118	156	1274	Yes	No	Redlands	
1W26	N34 04 41.18	W117 14 20.43	1117	156	1273	Yes	No	Redlands	
1E27	N34 04 42.47	W117 14 19.24	1120	133	1253	Yes	No	Redlands	
1E28	N34 04 42.46	W117 14 17.92	1120	133	1253	Yes	No	Redlands	

KEY TO CATEGORIES:

No Filing Required – No Airspace Issues
Filing Required – No Airspace Issues
Filing Recommended – Airspace Issues
Filing Required – Airspace Issues

Table Ap.1B-3. Preliminary FAA Evaluation – Segment 2

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
2N01 (EX.)	N34 01 56.14	W117 14 27.80	1616	164	1780	No	Yes	Redlands	Cat D Traffic Area
2N02 (EX.)	N34 01 59.82	W117 14 32.24	1622	172	1794	No	Yes	Redlands	Cat D Traffic Area
2N04	N34 02 07.47	W117 14 51.43	1560	189	1749	No	Yes	Loma Linda	Cat D Traffic Area
2N06	N34 02 13.54	W117 15 06.60	1535	143	1678	Yes	Yes	Loma Linda	Cat D Traffic Area
2N07	N34 02 14.23	W117 15 15.42	1509	167	1676	Yes	Yes	Loma Linda	Cat D Traffic Area
2N08	N34 02 14.70	W117 15 22.17	1553	124	1677	Yes	Yes	Loma Linda	Cat D Traffic Area
2N10	N34 02 15.67	W117 15 36.11	1464	161	1625	Yes	Yes	Loma Linda	Cat D Traffic Area
2N11	N34 02 16.16	W117 15 42.94	1514	139	1653	Yes	Yes	Loma Linda	Cat D Traffic Area
2N12	N34 02 16.84	W117 15 52.97	1571	137	1708	Yes	Yes	Loma Linda	Cat D Traffic Area
2N14	N34 02 04.35	W117 15 57.60	1499	113	1612	No	Yes	Loma Linda	Cat D Traffic Area
2N15	N34 02 03.99	W117 16 11.17	1364	158	1522	No	Yes	Loma Linda	Cat D Traffic Area
2N16	N34 02 03.66	W117 16 23.71	1395	113	1508	No	No	Colton	
2N17	N34 02 09.61	W117 16 30.10	1411	153	1564	No	Yes	Colton	Cat D Traffic Area
2N18	N34 02 20.63	W117 16 41.36	1277	184	1461	No	No	Colton	
2N20	N34 02 22.64	W117 16 53.96	1150	182	1332	No	No	Colton	
2N21	N34 02 24.50	W117 17 05.13	1126	181	1307	No	No	Colton	
2N22	N34 02 27.61	W117 17 19.63	1225	134	1359	No	No	Colton	
2N23	N34 02 30.83	W117 17 26.71	1228	157	1385	No	No	Colton	
2N25	N34 02 34.02	W117 17 40.14	1098	157	1255	No	No	Colton	
2N26	N34 02 37.05	W117 17 52.43	1042	14	1056	No	No	Colton	

Table Ap.1B-3. Preliminary FAA Evaluation – Segment 2

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
2N28 (EX.)	N34 02 41.60	W117 18 01.83	1003	156	1159	No	No	Colton	
2N29	N34 02 42.29	W117 18 10.35	996	150	1146	No	No	Colton	
2N30 (EX.)	N34 02 42.71	W117 18 15.71	1027	131	1158	No	No	Colton	
2N31 (EX.)	N34 02 43.75	W117 18 26.80	1015	147	1162	No	No	Colton	
2N32	N34 02 44.08	W117 18 31.27	982	155	1137	No	No	Colton	
2N33 (EX.)	N34 02 40.97	W117 18 44.98	928	158	1086	No	No	Colton	
2N34	N34 02 39.05	W117 18 53.16	923	181	1104	No	No	Colton	
2N35	N34 02 37.06	W117 19 01.45	920	155	1075	No	No	Colton	
2N36	N34 02 30.63	W117 19 03.64	1053	143	1196	No	No	Colton	
2N38	N34 02 31.29	W117 19 07.22	1041	168	1209	No	No	Colton	
2N37	N34 02 31.10	W117 19 07.25	1041	168	1209	No	No	Colton	

KEY TO CATEGORIES:

No Filing Required – No Airspace Issues
Filing Required – No Airspace Issues
Filing Recommended – Airspace Issues
Filing Required – Airspace Issues

Table Ap.1B-4. Preliminary FAA Evaluation – Segment 3

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
3N01	N33 58 04.42	W117 04 40.18	2054.9	132.52	2187.42	NO	NO	Redlands	
3S01	N33 57 51.65	W117 04 27.23	2128.66	175	2303.66	NO	NO	Redlands	
3S02	N33 57 50.41	W117 04 35.96	2248.52	128	2376.52	NO	NO	Redlands	
3N02	N33 58 05.61	W117 04 40.55	2052.5	129.37	2181.87	NO	NO	Redlands	
3S03	N33 57 49.78	W117 04 44.69	2176.61	163	2339.61	NO	NO	Redlands	
3N03	N33 58 02.24	W117 04 51.16	2219.23	139.5	2358.73	NO	NO	Redlands	
3S04	N33 57 47.46	W117 04 56.65	2297.52	181.35	2478.87	NO	NO	Redlands	
3N04	N33 57 59.22	W117 04 59.92	2255.8	127	2382.8	NO	NO	Redlands	
3S06	N33 57 51.96	W117 05 08.01	2094.01	143	2237.01	NO	NO	Redlands	
3N06	N33 57 54.98	W117 05 12.45	2085.25	116.4	2201.65	NO	NO	Redlands	
3N07	N33 57 57.55	W117 05 19.79	2083.55	181.7	2265.25	NO	NO	Redlands	
3S07	N33 57 56.92	W117 05 20.15	2086.98	191.7	2278.68	NO	NO	Redlands	
3N08	N33 58 00.34	W117 05 27.12	2169.14	145.2	2314.34	NO	NO	Redlands	
3S08	N33 57 59.83	W117 05 27.39	2172.81	163.1	2335.91	NO	NO	Redlands	
3N10	N33 58 05.28	W117 05 40.02	2124.06	181.3	2305.36	NO	NO	Redlands	
3S10	N33 58 04.90	W117 05 40.62	2124.16	190.9	2315.06	NO	NO	Redlands	
3N12	N33 58 10.23	W117 05 52.81	2091.75	134.5	2226.25	NO	NO	Redlands	
3S12	N33 58 09.97	W117 05 53.83	2100.53	134.9	2235.43	NO	NO	Redlands	
3N13	N33 58 14.06	W117 06 03.14	1998.53	180.7	2179.23	NO	NO	Redlands	
3S13	N33 58 13.56	W117 06 03.42	1999.79	181.9	2181.69	NO	NO	Redlands	

Table Ap.1B-4. Preliminary FAA Evaluation – Segment 3

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
3N14	N33 58 17.30	W117 06 11.65	1992.11	158.9	2151.01	NO	NO	Redlands	
3S14	N33 58 16.79	W117 06 11.92	1996.15	158.7	2154.85	NO	NO	Redlands	
3N15	N33 58 20.97	W117 06 21.27	1977.3	165.6	2142.9	NO	NO	Redlands	
3S15	N33 58 20.47	W117 06 21.54	1980.74	188.6	2169.34	NO	NO	Redlands	
3N16	N33 58 24.71	W117 06 31.05	2089.3	123	2212.3	NO	NO	Redlands	
3S16	N33 58 23.94	W117 06 31.10	2098.96	138	2236.96	NO	NO	Redlands	
3N17	N33 58 28.71	W117 06 44.76	2096.23	153	2249.23	NO	NO	Redlands	
3S17	N33 58 28.27	W117 06 45.12	2104.03	163	2267.03	NO	NO	Redlands	
3N19	N33 58 33.19	W117 07 00.85	2084.88	127.2	2212.08	NO	NO	Redlands	
3S19	N33 58 32.68	W117 07 01.38	2087.1	126.5	2213.6	NO	NO	Redlands	
3S20	N33 58 34.46	W117 07 07.62	2071.82	127.5	2199.32	NO	NO	Redlands	
3N20	N33 58 35.29	W117 07 08.34	2061.31	128	2189.31	NO	NO	Redlands	
3S21	N33 58 38.64	W117 07 21.76	1938.55	143	2081.55	NO	NO	Redlands	
3N21	N33 58 39.31	W117 07 21.87	1929.82	143	2072.82	NO	NO	Redlands	
3N22	N33 58 41.93	W117 07 29.92	1863.41	181.6	2045.01	NO	NO	Redlands	
3S22	N33 58 41.38	W117 07 30.15	1867.52	190.6	2058.12	NO	NO	Redlands	
3N23	N33 58 44.78	W117 07 39.97	1882.19	144.2	2026.39	NO	NO	Redlands	
3S23	N33 58 44.39	W117 07 40.65	1895.28	135	2030.28	NO	NO	Redlands	
3N24	N33 58 47.78	W117 07 50.58	1832.18	164.2	1996.38	NO	NO	Redlands	
3S24	N33 58 47.26	W117 07 50.79	1834.42	164.6	1999.02	NO	NO	Redlands	
3N25	N33 58 50.78	W117 08 01.18	1849.61	130.5	1980.11	NO	NO	Redlands	
3S25	N33 58 50.25	W117 08 01.40	1849.65	129	1978.65	NO	NO	Redlands	
3N26	N33 58 53.49	W117 08 10.78	1816.99	153	1969.99	NO	NO	Redlands	
3S26	N33 58 52.97	W117 08 10.91	1818.97	153	1971.97	NO	NO	Redlands	
3N27	N33 58 55.64	W117 08 19.62	1815.22	146.5	1961.72	NO	NO	Redlands	
3S27	N33 58 55.11	W117 08 19.84	1827.3	131	1958.3	NO	NO	Redlands	
3N28	N33 58 59.08	W117 08 31.74	1818.43	134.2	1952.63	NO	NO	Redlands	

Table Ap.1B-4. Preliminary FAA Evaluation – Segment 3

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
3S28	N33 58 58.45	W117 08 31.86	1815.35	151.25	1966.6	NO	NO	Redlands	
3N29	N33 59 04.08	W117 08 42.57	1736.03	191.5	1927.53	NO	NO	Redlands	
3S29	N33 59 03.60	W117 08 42.91	1739.59	191.8	1931.39	NO	NO	Redlands	
3N31	N33 59 08.96	W117 08 52.39	1810.16	127.4	1937.56	NO	NO	Redlands	
3S31	N33 59 08.41	W117 08 52.60	1812.49	133.8	1946.29	NO	NO	Redlands	
3S32	N33 59 12.60	W117 09 00.87	1898.04	129.4	2027.44	NO	NO	Redlands	
3N32	N33 59 13.34	W117 09 01.05	1868.09	134.3	2002.39	NO	NO	Redlands	
3S33	N33 59 16.03	W117 09 08.02"	1839.59	177	2016.59	NO	NO	Redlands	
3N33	N33 59 36.49	W117 09 32.55	1829.26	168.5	1997.76	NO	NO	Redlands	
3N35	N33 59 26.50	W117 09 27.27	1884.29	108	1992.29	NO	NO	Redlands	
3S35	N33 59 25.96	W117 09 27.50	1882.72	108	1990.72	NO	NO	Redlands	
3N36	N33 59 32.99	W117 09 40.27	1748.61	183	1931.61	NO	NO	Redlands	
3S36	N33 59 32.47	W117 09 40.53	1750.67	183	1933.67	NO	NO	Redlands	
3S37	N33 59 36.72	W117 09 49.370"	1824.28	132.4	1956.68	NO	NO	Redlands	
3N37	N33 59 37.44	W117 09 49.43	1799.78	136.3	1936.08	NO	NO	Redlands	
3N38	N33 59 43.66	W117 10 02.04	1843.59	124.5	1968.09	NO	NO	Redlands	
3S38	N33 59 43.19	W117 10 02.40	1842.53	127.2	1969.73	NO	NO	Redlands	
3N39	N33 59 47.70	W117 10 09.76	1806.92	158.7	1965.62	NO	NO	Redlands	
3S39	N33 59 47.06	W117 10 09.77	1811.63	157.1	1968.73	NO	NO	Redlands	
3N40	N33 59 56.54	W117 10 26.76	1891.27	131	2022.27	NO	NO	Redlands	
3S40	N33 59 56.07	W117 10 27.12	1894.06	132.3	2026.36	NO	NO	Redlands	
3N41	N34 00 01.51	W117 10 36.21	1772.69	191.4	1964.09	NO	NO	Redlands	
3S41	N34 00 00.95	W117 10 36.62	1775.91	192.2	1968.11	NO	NO	Redlands	
3N42	N34 00 08.61	W117 10 49.91	1904.16	124.1	2028.26	NO	NO	Redlands	
3S42	N34 00 08.29	W117 10 50.54	1905.1	124.7	2029.8	NO	NO	Redlands	
3N43	N34 00 11.17	W117 10 54.86	1901.55	136	2037.55	NO	NO	Redlands	
3S43	N34 00 10.58	W117 10 54.98	1901.19	136.1	2037.29	NO	NO	Redlands	

Table Ap.1B-4. Preliminary FAA Evaluation – Segment 3

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
3S44	N34 00 16.35	W117 11 6.080"	1812.92	162.9	1975.82	NO	NO	Redlands	
3N44	N34 00 17.03	W117 11 06.15	1810.13	162.9	1973.03	NO	NO	Redlands	
3N46	N34 00 24.00	W117 11 19.64	1745.08	128	1873.08	NO	NO	Redlands	
3S46	N34 00 23.49	W117 11 19.85	1745.87	128	1873.87	NO	NO	Redlands	
3N48	N34 00 31.82	W117 11 34.59	1668.22	128.4	1796.62	NO	NO	Redlands	
3S48	N34 00 31.31	W117 11 35.01	1673.66	128.8	1802.46	NO	NO	Redlands	
3N50	N34 00 40.98	W117 11 52.23	1695.67	182.3	1877.97	NO	NO	Redlands	
3S50	N34 00 40.53	W117 11 52.77	1700.13	181.1	1881.23	NO	NO	Redlands	
3N51	N34 00 49.09	W117 12 08.04"	1665.23	163.9	1829.13	NO	NO	Redlands	
3S51	N34 00 48.63	W117 12 08.39	1668.78	159.2	1827.98	NO	NO	Redlands	
3S53	N34 00 54.51	W117 12 19.59	1588.96	153	1741.96	NO	NO	Redlands	
3N53	N34 00 55.17	W117 12 19.67	1590.17	153	1743.17	NO	NO	Redlands	
3N55	N34 01 02.89	W117 12 34.57	1560.54	152.2	1712.74	NO	NO	Redlands	
3S55	N34 01 02.42	W117 12 34.92	1560.13	158.5	1718.63	NO	NO	Redlands	
3N56	N34 01 08.42	W117 12 45.21	1601	139.05	1740.05	NO	NO	Redlands	
3S56	N34 01 07.95	W117 12 45.56	1600.15	140	1740.15	NO	NO	Redlands	
3N57	N34 01 13.73	W117 12 55.49	1594.62	166	1760.62	NO	NO	Redlands	
3S57	N34 01 13.24	W117 12 55.82	1600.95	161.7	1762.65	NO	NO	Redlands	
3N59	N34 01 21.85	W117 13 11.09	1605.44	153.7	1759.14	NO	NO	Redlands	
3S59	N34 01 21.38	W117 13 11.44	1607.68	153.5	1761.18	NO	NO	Redlands	
3N60	N34 01 27.47	W117 13 21.93	1592.2	161	1753.2	NO	NO	Redlands	
3S60	N34 01 27.00	W117 13 22.27	1594.47	161.6	1756.07	NO	NO	Redlands	
3N61	N34 01 32.19	W117 13 31.03	1623.25	151.7	1774.95	NO	NO	Redlands	
3S61	N34 01 31.72	W117 13 31.38	1637.88	151.6	1789.48	NO	NO	Redlands	
3N62	N34 01 36.96	W117 13 40.37	1652.93	156.4	1809.33	YES	YES	Redlands	Cat D Traffic
3S62	N34 01 36.50	W117 13 40.72	1648.21	181.3	1829.51	YES	YES	Redlands	Cat D Traffic
3N63	N34 01 45.28	W117 13 56.43	1672.88	124.3	1797.18	YES	YES	Redlands	Cat D Traffic

Table Ap.1B-4. Preliminary FAA Evaluation – Segment 3

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
3S63	N34 01 44.72	W117 13 56.68	1679.35	124.3	1803.65	YES	YES	Redlands	Cat D Traffic
3N64	N34 01 49.44	W117 14 07.11	1603.34	163.2	1766.54	YES	YES	Redlands	Cat D Traffic
3S64	N34 01 48.90	W117 14 7.32	1616.1	163.7	1779.8	YES	YES	Redlands	Cat D Traffic
3N65	N34 01 54.01	W117 14 17.95	1588.52	139.64	1728.16	YES	YES	Redlands	Cat D Traffic
3S65	N34 01 53.69	W117 14 18.65	1589.1	180	1769.1	YES	YES	Redlands	Cat D Traffic

KEY TO CATEGORIES:

No Filing Required – No Airspace Issues
Filing Required – No Airspace Issues
Filing Recommended – Airspace Issues
Filing Required – Airspace Issues

Table Ap.1B-5. Preliminary FAA Evaluation – Segment 4

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
4N01	N33 56 50.85	W116 52 40.87	2689.7	160	2849.7	Yes	Yes	Banning	Cat C Traffic
4S01	N33 56 50.35	W116 52 40.87	2686.7	170	2856.7	Yes	Yes	Banning	Cat C Traffic
4S02	N 33 56 50.69	W116 52 49.68	2798.4	180	2978.4	Yes	Yes	Banning	Cat C Traffic
4N02	N33 56 52.23	W116 52 49.97	2805	150	2955	Yes	Yes	Banning	Cat C Traffic
4S03	N33 56 50.42	W116 53 06.25	2888	165	3053	Yes	Yes	Banning	Cat C Traffic
4N03	N33 56 50.92	W116 53 06.31	2892.8	154	3046.8	Yes	Yes	Banning	Cat C Traffic
4S04	N33 56 48.72	W116 53 25.27	2845.8	190	3035.8	Yes	Yes	Banning	Cat C Traffic
4N04	N33 56 49.21	W116 53 25.32	2851.5	190	3041.5	Yes	Yes	Banning	Cat C Traffic
4S05	N33 56 46.74	W116 53 41.31	3025.7	125	3150.7	Yes	Yes	Banning	Cat C Traffic
4N05	N33 56 47.34	W116 53 41.96	3027.4	125	3152.4	Yes	Yes	Banning	Cat C Traffic
4N06	N33 56 47.26	W116 53 52.03	3012.1	141.6	3153.7	Yes	Yes	Banning	Cat C Traffic
4S06	N33 56 46.76	W116 53 52.04	3010.1	159.6	3169.7	Yes	Yes	Banning	Cat C Traffic
4N07	N33 56 47.27	W116 54 03.41	2950.1	132.6	3082.7	Yes	Yes	Banning	Cat C Traffic
4S07	N33 56 46.78	W116 54 03.41	2949.6	126.6	3076.2	Yes	Yes	Banning	Cat C Traffic
4N08	N33 56 47.29	W116 54 14.60	2978.2	122	3100.2	Yes	Yes	Banning	Cat C Traffic
4S08	N33 56 46.80	W116 54 14.60	2978.1	116	3094.1	Yes	Yes	Banning	Cat C Traffic
4N09	N33 56 47.30	W116 54 25.80	2987.2	174.6	3161.8	No	No	Banning	
4S09	N33 56 46.81	W116 54 25.81	2985.6	159.6	3145.2	No	No	Banning	
4N10	N33 56 47.31	W116 54 36.20	3039.2	113	3152.2	No	No	Banning	
4S10	N33 56 46.82	W116 54 36.20	3037	116	3153	No	No	Banning	

Table Ap.1B-5. Preliminary FAA Evaluation – Segment 4

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
4S12	N33 56 47.10	W116 54 54.85	2936.2	130	3066.2	No	No	Banning	
4N12	N33 56 47.63	W116 54 54.95	2927.9	138	3065.9	No	No	Banning	
4S13	N33 56 47.55	W116 55 04.85	2941.1	113	3054.1	No	No	Banning	
4N13	N33 56 48.05	W116 55 04.86	2948.7	125.5	3074.2	No	No	Banning	
4S14	N33 56 47.47	W116 55 15.49	2781.9	159.6	2941.5	No	No	Banning	
4N14	N33 56 47.97	W116 55 15.50	2785.2	162.6	2947.8	No	No	Banning	
4N15	N33 56 47.66	W116 55 26.81	2740.4	123.6	2864	No	No	Banning	
4S15	N33 56 47.17	W116 55 26.81	2738.9	129.6	2868.5	No	No	Banning	
4N16	N33 56 47.37	W116 55 37.68	2706	126.6	2832.6	No	No	Banning	
4S16	N33 56 46.88	W116 55 37.68	2703.8	126.6	2830.4	No	No	Banning	
4N17	N33 56 47.35	W116 55 48.60	2701.1	132.6	2833.7	No	No	Banning	
4S17	N33 56 46.85	W116 55 48.60	2698.9	135.6	2834.5	No	No	Banning	
4N18	N33 56 47.34	W116 55 59.72	2692.5	132.6	2825.1	No	No	Banning	
4S18	N33 56 46.84	W116 55 59.72	2690.7	132.6	2823.3	No	No	Banning	
4N19	N33 56 47.32	W116 56 10.68	2682.2	126.6	2808.8	No	No	Banning	
4S19	N33 56 46.83	W116 56 10.68	2680.4	129.6	2810	No	No	Banning	
4S20	N33 56' 46.82	W116 56' 21.23	2685.1	126.6	2811.7	No	No	Banning	
4N20	N33 56 47.31	W116 56 21.26	2686.2	129.6	2815.8	No	No	Banning	
4N21	N33 56' 47.29	W116 56' 32.65	2694	135.6	2829.6	No	No	Banning	
4S21	N33 56' 46.80	W116 56' 32.65	2692	138.6	2830.6	No	No	Banning	
4N22	N33 56' 47.34	W116 56' 43.64	2695.1	126.6	2821.7	No	No	Banning	
4S22	N33 56' 46.84	W116 56' 43.66	2693.7	123.6	2817.3	No	No	Banning	
4N23	N33 56' 47.56	W116 56' 54.95	2698.4	134	2832.4	No	No	Banning	
4S23	N33 56' 47.07	W116 56' 55.03	2698.3	137	2835.3	No	No	Banning	
4N24	N33 56' 50.79	W116 57' 08.80	2708.5	159.6	2868.1	No	No	Banning	
4S24	N33 56' 50.32	W116 57' 8.95	2707.4	153.6	2861	No	No	Banning	
4N25	N33 56' 53.97	W116 57' 22.93	2711.5	145	2856.5	No	No	Banning	

Table Ap.1B-5. Preliminary FAA Evaluation – Segment 4

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
4S25	N33 56 53.44	W116 57 23.01	2710.9	151	2861.9	No	No	Banning	
4N26	N33 56 55348	W116 57 37.82	2706.8	174.6	2881.4	No	No	Banning	
4S26	N33 56 54.98	W116 57 37.87	2706	165.6	2871.6	No	No	Banning	
4N27	N33 56 57.18	W116 57 54.13	2698.6	174.6	2873.2	No	No	Banning	
4S27	N33 56 56.69	W116 57 54.24	2697.1	159.6	2856.7	No	No	Banning	
4N29	N33 56 58.95	W116 58 10.39	2679.9	174.6	2854.5	No	No	Banning	
4S29	N33 56 58.45	W116 58 10.46	2679.5	174.6	2854.1	No	No	Banning	
4N30	N33 57 00.46	W116 58 24.51	2660.9	130	2790.9	No	No	Banning	
4S30	N33 56 56.96	W116 58 24.51	2660	142	2802	No	No	Banning	
4N31	N33 57 00.42	W116 58 36.17	2642.9	129.6	2772.5	No	No	Banning	
4S31	N33 56 59.93	W116 58 36.18	2643.4	127.6	2771	No	No	Banning	
4N32	N33 57 00.40	W116 58 47.01	2624.5	159.6	2784.1	No	No	Banning	
4S32	N33 56 59.90	W116 58 47.04	2623.7	159.6	2783.3	No	No	Banning	
4S34	N33 56 59.80	W116 59 0.01	2626.2	155	2781.2	No	No	Banning	
4N34	N33 57 00.39	W116 59 01.00	2625.4	155	2780.4	No	No	Banning	
4N35	N33 57 03.24	W116 59 14.07	2580.6	159.6	2740.2	No	No	Banning	
4S35	N33 57 02.76	W116 59 14.23	2579.7	179.6	2759.3	No	No	Banning	
4N36	N33 57 05.78	W116 59 23.66	2608.7	135.6	2744.3	No	No	Banning	
4S36	N33 57 05.31	W116 59 23.84	2612.4	126.6	2739	No	No	Banning	
4N37	N33 57 09.16	W116 59 37.24	2597.6	174.6	2772.2	No	No	Banning	
4S37	N33 57 08.68	W116 59 37.41	2592.3	174.6	2766.9	No	No	Banning	
4N38	N33 57 12.21	W116 59 53.70	2584.4	174.6	2759	No	No	Banning	
4S38	N33 57 12.74	W116 59 53.86	2583.3	174.6	2757.9	No	No	Banning	
4N39	N33 57 16.63	W117 00 07.60	2565.9	135.6	2701.5	No	No	Banning	
4S39	N33 57 16.16	W117 00 07.77	2565.5	138.6	2704.1	No	No	Banning	
4N40	N33 57 18.82	W117 00 16.46	2564.7	126.6	2691.3	No	No	Banning	
4S40	N33 57 18.34	W117 00 16.63	2564.1	120.6	2684.7	No	No	Banning	

Table Ap.1B-5. Preliminary FAA Evaluation – Segment 4

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
4N41	N33 57 21.70	W117 00 28.15	2556	153.6	2709.6	No	No	Banning	
4S41	N33 57 21.22	W117 00 28.32	2555.3	156.6	2711.9	No	No	Banning	
4N42	N33 57 25.36	W117 00 43.05	2535.1	150.6	2685.7	No	No	Banning	
4S42	N33 57 24.89	W117 00 43.22	2532.5	153.6	2686.1	No	No	Banning	
4N43	N33 57 28.56	W117 00 55.98	2519.4	161.6	2681	No	No	Banning	
4S43	N33 57 28.09	W117 00 56.15	2518.8	174.6	2693.4	No	No	Banning	
4N44	N33 57 32.14	W117 01 11.30	2493.6	155	2648.6	No	No	Banning	
4S44	N33 57 31.55	W117 01 11.43	2493.8	149	2642.8	No	No	Banning	
4N45	N33 57 34.87	W117 01 26.92	2466	155	2621	No	No	Banning	
4S45	N33 57 34.28	W117 01 27.06	2466.8	155	2621.8	No	No	Banning	
4N46	N33 57 37.34	W117 01 40.82	2442.6	144.6	2587.2	No	No	Banning	
4S46	N33 57 36.86	W117 01 40.94	2442.5	153.6	2596.1	No	No	Banning	
4N47	N33 57 38.95	W117 01 50.31	2423.8	159.6	2583.4	No	No	Banning	
4S47	N33 57 38.47	W117 01 50.44	2416	156.6	2572.6	No	No	Banning	
4N48	N33 57 41.24	W117 02 03.08	2403.5	179.6	2583.1	No	No	Banning	
4S48	N33 57 40.79	W117 02 03.18	2403.4	179.6	2583	No	No	Banning	
4N50	N33 57 44.54	W117 02 22.57	2371.8	174.6	2546.4	No	No	Banning	
4S50	N33 57 44.06	W117 02 22.68	2378.6	174.6	2553.2	No	No	Banning	
4N51	N33 57 46.79	W117 02 35.48	2359.9	174.6	2534.5	No	No	Banning	
4S51	N33 57 46.31	W117 02 35.61	2348.2	156.6	2504.8	No	No	Banning	
4N52	N33 57 48.10	W117 02 43.46	2382.6	138.6	2521.2	No	No	Banning	
4S52	N33 57 47.62	W117 02 43.59	2372.4	135.6	2508	No	No	Banning	
4N53	N33 57 49.61	W117 02 52.06	2380.8	145	2525.8	No	No	Banning	
4S53	N33 57 49.08	W117 02 52.20	2374.3	145	2519.3	No	No	Banning	
4N54	N33 57 51.67	W117 03 04.53	2423.5	153.6	2577.1	No	No	Banning	
4S54	N33 57 51.19	W117 03 04.67	2428.7	153.6	2582.3	No	No	Banning	
4N55	N33 57 53.88	W117 03 17.57	2421	157	2578	No	No	Banning	

Table Ap.1B-5. Preliminary FAA Evaluation – Segment 4

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
4S55	N33 57 53.39	W117 03 17.99	2417.7	148	2565.7	No	No	Banning	
4N56	N33 57 56.20	W117 03 30.29	2388.2	175.5	2563.7	No	No	Banning	
4S56	N33 57 55.37	W117 03 30.70	2413.5	128	2541.5	No	No	Banning	
4S57	N33 57 58.14	W117 03 37.72	2384.7	128	2512.7	No	No	Banning	
4N57	N33 57 59.32	W117 03 37.87	2403	119	2522	No	No	Banning	
4N58	N33 57 59.85	W117 03 44.57	2360.1	125	2485.1	No	No	Banning	
4S58	N33 57 57.32	W117 03 51.87	2339.7	139	2478.7	No	No	Banning	
4N59	N33 58 02.42	W117 03 54.54	2127.5	125	2252.5	No	No	Banning	
4S59	N33 57 55.89	W117 04 00.78	2225.1	147	2372.1	No	No	Banning	
4N60	N33 58 05.05	W117 04 06.30	2076.3	135.6	2211.9	No	No	Banning	
4S60	N33 57 54.28	W117 04 10.82	2095.4	175	2270.4	No	No	Banning	
4N61	N33 58 07.80	W117 04 16.68	2066.6	141.6	2208.2	No	No	Banning	
4N62	N33 58 10.57	W117 04 26.26	2068.6	125	2193.6	No	No	Banning	
4N63	N33 58 07.69	W117 04 34.86	2043.1	134	2177.1	No	No	Banning	
4N65	N33 58 04.43	W117 04 37.52	2055	132.3	2187.3	No	No	Banning	
4N64	N33 58 06.20	W117 04 39.39	2045.8	134	2179.8	No	No	Banning	

KEY TO CATEGORIES:

No Filing Required – No Airspace Issues
Filing Required – No Airspace Issues
Filing Recommended – Airspace Issues
Filing Required – Airspace Issues

Table Ap.1B-6. Preliminary FAA Evaluation – Segment 5

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
5N01	N33 55 58.72	W116 43 17.94	1664	137	1801	No	No	Banning	
5S01	N33 55 58.21	W116 43 17.94	1661	136	1798	No	No	Banning	
5N02	N33 55 58.81	W116 43 28.86	1661	132	1793	No	No	Banning	
5S02	N33 55 58.26	W116 43 28.86	1658	134	1792	No	No	Banning	
5N03	N33 55 58.87	W116 43 41.38	1642	152	1794	No	No	Banning	
5S03	N33 55 58.31	W116 43 41.38	1640	155	1795	No	No	Banning	
5N04	N33 55 58.86	W116 43 54.95	1669	151	1820	No	No	Banning	
5S04	N33 55 58.31	W116 43 54.95	1667	153	1820	No	No	Banning	
5N05	N33 55 58.87	W116 44 08.56	1685	150	1835	No	No	Banning	
5S05	N33 55 58.31	W116 44 08.56	1682	154	1837	No	No	Banning	
5S06	N33 55 58.21	W116 44 20.51	1704	137	1841	No	No	Banning	Potential Approach
5N06	N33 55 58.77	W116 44 20.52	1706	134	1840	No	No	Banning	Potential Approach
5N07	N33 55 58.68	W116 44 32.26	1696	189	1885	No	No	Banning	Potential Approach
5S07	N33 55 58.12	W116 44 32.26	1692	192	1884	No	No	Banning	Potential Approach
5S08	N33 55 58.07	W116 44 42.77	1815	157	1972	No	No	Banning	Potential Approach
5N08	N33 55 58.62	W116 44 42.78	1824	158	1981	No	No	Banning	Potential Approach
5N09	N33 55 58.74	W116 44 52.94	1817	163	1981	No	No	Banning	Potential Approach
5S09	N33 55 58.18	W116 44 52.94	1817	163	1980	No	No	Banning	Potential Approach
5S10	N33 55 58.22	W116 45 02.75	1867	134	2000	No	No	Banning	Potential Approach
5N10	N33 55 58.73	W116 45 02.76	1867	133	2000	No	No	Banning	Potential Approach

Table Ap.1B-6. Preliminary FAA Evaluation – Segment 5

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
5N11	N33 55 58.83	W116 45 17.22	1862	149	2012	No	No	Banning	Potential Approach
5S11	N33 55 58.28	W116 45 17.54	1859	153	2013	No	No	Banning	Potential Approach
5S12	N33 55 58.29	W116 45 31.50	1837	142	1979	No	No	Banning	Potential Approach
5N12	N33 55 58.84	W116 45 31.51	1839	142	1981	No	No	Banning	Potential Approach
5N13	N33 55 58.78	W116 45 43.52	1853	165	2018	No	No	Banning	Potential Approach
5S13	N33 55 58.23	W116 45 43.52	1851	165	2016	No	No	Banning	Potential Approach
5S14	N33 55 58.18	W116 46 00.96	1925	158	2083	No	No	Banning	Potential Approach
5N14	N33 55 58.74	W116 46 00.97	1938	165	2103	No	No	Banning	Potential Approach
5S15	N33 55 58.03	W116 46 15.40	1914	187	2101	No	No	Banning	Potential Approach
5N15	N33 55 58.59	W116 46 15.41	1916	187	2103	No	No	Banning	Potential Approach
5S16	N33 55 57.75	W116 46 29.64	1955	167	2121	No	No	Banning	Potential Approach
5N16	N33 55 58.30	W116 46 29.69	1956	166	2122	No	No	Banning	Potential Approach
5S17	N33 55 57.08	W116 46 43.73	2000	154	2154	No	No	Banning	Potential Approach
5N17	N33 55 57.64	W116 46 43.77	2001	155	2156	No	No	Banning	Potential Approach
5S18	N33 55 56.35	W116 46 58.95	2052	155	2207	No	No	Banning	Potential Approach
5N18	N33 55 56.90	W116 46 59.12	2054	155	2209	No	No	Banning	Potential Approach
5S19	N33 55 55.56	W116 47 15.25	2101	182	2283	Yes	No	Banning	
5N19	N33 55 56.12	W116 47 15.29	2104	181	2285	Yes	No	Banning	
5S20	N33 55 55.21	W116 47 30.47	2134	152	2286	Yes	No	Banning	
5N20	N33 55 55.77	W116 47 30.49	2137	152	2289	Yes	No	Banning	
5N21	N33 55 55.67	W116 47 41.73	2146	155	2300	Yes	No	Banning	
5S21	N33 55 55.11	W116 47 41.73	2143	155	2298	Yes	No	Banning	
5N22	N33 55 55.68	W116 47 57.59	2164	181	2344	Yes	No	Banning	
5S22	N33 55 55.12	W116 47 57.59	2161	182	2343	Yes	No	Banning	
5N23	N33 55 55.70	W116 48 14.66	2162	186	2348	Yes	No	Banning	
5S23	N33 55 55.15	W116 48 14.66	2157	185	2341	Yes	No	Banning	
5N24	N33 55 55.73	W116 48 32.31	2147	181	2328	Yes	No	Banning	

Table Ap.1B-6. Preliminary FAA Evaluation – Segment 5

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
5S24	N33 55 55.17	W116 48 32.31	2145	182	2327	Yes	No	Banning	
5N27	N33 55 55.76	W116 48 50.02	2092	181	2274	Yes	No	Banning	
5S27	N33 55 55.20	W116 48 50.02	2091	181	2272	Yes	No	Banning	
5S28	N33 55 55.20	W116 49 03.05	2086	140	2225	Yes	No	Banning	
5N28	N33 55 55.76	W116 49 03.06	2086	139	2225	Yes	No	Banning	
5N29	N33 55 55.82	W116 49 16.87	2069	140	2208	Yes	No	Banning	
5S29	N33 55 55.29	W116 49 17.11	2066	140	2206	Yes	No	Banning	
5N30	N33 56 01.93	W116 49 26.22	2087	157	2244	Yes	No	Banning	
5S30	N33 56 01.39	W116 49 26.44	2085	154	2239	Yes	No	Banning	
5S31	N33 56 01.29	W116 49 34.77	2091	123	2214	Yes	No	Banning	
5N31	N33 56 01.83	W116 49 34.78	2093	123	2216	Yes	No	Banning	
5S32	N33 56 01.15	W116 49 43.69	2098	118	2216	Yes	No	Banning	
5N32	N33 56 01.69	W116 49 43.71	2100	118	2218	Yes	No	Banning	
5S34	N33 56 01.00	W116 49 52.65	2106	123	2229	Yes	No	Banning	
5N34	N33 56 01.55	W116 49 52.66	2106	123	2229	Yes	No	Banning	
5S35	N33 56 00.89	W116 50 04.53	2128	123	2251	Yes	No	Banning	
5N35	N33 56 01.43	W116 50 04.54	2130	123	2253	Yes	No	Banning	
5N36	N33 56 01.42	W116 50 13.05	2145	123	2268	Yes	No	Banning	
5S36	N33 56 00.88	W116 50 13.05	2143	123	2266	Yes	No	Banning	
5N37	N33 56 01.41	W116 50 21.87	2164	118	2282	Yes	No	Banning	
5S37	N33 56 00.87	W116 50 21.87	2162	118	2280	Yes	No	Banning	
5N38	N33 56 01.58	W116 50 30.35	2184	118	2302	Yes	No	Banning	
5S38	N33 56 00.86	W116 50 30.35	2185	118	2303	Yes	No	Banning	
5N39	N33 56 01.52	W116 50 38.31	2207	113	2320	Yes	No	Banning	
5S39	N33 56 00.98	W116 50 38.32	2207	113	2320	Yes	No	Banning	
5N40	N33 56 01.64	W116 50 46.14	2226	118	2344	Yes	No	Banning	
5S40	N33 56 01.10	W116 50 46.15	2226	118	2344	Yes	No	Banning	

Table Ap.1B-6. Preliminary FAA Evaluation – Segment 5

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
5N41	N33 56 01.77	W116 50 53.98	2247	118	2365	Yes	No	Banning	
5S41	N33 56 01.22	W116 50 53.99	2246	118	2364	Yes	No	Banning	
5N42	N33 56 01.89	W116 51 01.81	2269	118	2387	Yes	Yes	Banning	VFR Horizontal
5S42	N33 56 01.34	W116 51 01.81	2267	118	2385	Yes	Yes	Banning	VFR Horizontal
5N43	N33 56 01.88	W116 51 08.78	2286	113	2399	Yes	Yes	Banning	VFR Horizontal
5S43	N33 56 01.34	W116 51 09.09	2285	113	2398	Yes	Yes	Banning	VFR Horizontal
5N44	N33 56 06.15	W116 51 13.04	2312	113	2425	Yes	Yes	Banning	VFR Horizontal
5S44	N33 56 05.81	W116 51 13.55	2312	113	2425	Yes	Yes	Banning	VFR Horizontal
5N44A	N33 56 10.85	W116 51 17.74	2336	118	2454	Yes	Yes	Banning	VFR Conical
5S44A	N33 56 10.61	W116 51 18.25	2336	118	2454	Yes	Yes	Banning	VFR Horizontal
5N45	N33 56 15.61	W116 51 22.51	2361	118	2479	Yes	Yes	Banning	VFR Conical
5S45	N33 56 15.26	W116 51 23.01	2361	118	2479	Yes	Yes	Banning	VFR Conical
5N46	N33 56 20.36	W116 51 27.28	2384	123	2507	Yes	Yes	Banning	VFR Conical
5S46	N33 56 20.02	W116 51 27.78	2385	123	2508	Yes	Yes	Banning	VFR Conical
5N47	N33 56 25.15	W116 51 32.07	2411	133	2544	Yes	Yes	Banning	VFR Conical
5S47	N33 56 24.83	W116 51 32.60	2412	133	2545	Yes	Yes	Banning	VFR Conical
5N48	N33 56 31.23	W116 51 37.74	2445	166	2612	Yes	Yes	Banning	VFR Conical
5S48	N33 56 30.88	W116 51 38.26	2446	163	2609	Yes	Yes	Banning	VFR Conical
5N49	N33 56 38.58	W116 51 44.63	2474	184	2658	Yes	Yes	Banning	VFR Conical
5S49	N33 56 38.14	W116 51 45.06	2475	183	2658	Yes	Yes	Banning	VFR Conical
5N52	N33 56 48.96	W116 52 07.80	2587	182	2769	Yes	Yes	Banning	Cat C Traffic
5S52	N33 56 48.42	W116 52 08.00	2587	182	2769	Yes	Yes	Banning	Cat C Traffic
5S54	N33 56 49.62	W116 52 29.24	2640	178	2818	Yes	Yes	Banning	Cat C Traffic
5N54	N33 56 50.15	W116 52 29.30	2640	178	2818	Yes	Yes	Banning	Cat C Traffic

KEY TO CATEGORIES:

o Filing Required – No Airspace Issues
Filing Required – No Airspace Issues
Filing Recommended – Airspace Issues
Filing Required – Airspace Issues

Table Ap.1B-7. Preliminary FAA Evaluation – Segment 6

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
6N07	N33 55 59.56	W116 34 43.15	1067	188	38457	No	No	Desert Hot Springs	
6N08	N33 55 58.71	W116 34 44.39	1067	188	38432	No	No	North Palm Springs	
6N09	N33 55 58.71	W116 34 54.27	1075	184	38844	No	No	North Palm Springs	
6N10	N33 55 56.26	W116 34 55.47	1068	184	38681	No	No	North Palm Springs	
6N11	N33 55 56.23	W116 35 07.13	1108	146	39186	No	No	North Palm Springs	
6N12	N33 55 56.21	W116 35 18.97	1118	143	39718	No	No	North Palm Springs	
6N13	N33 55 56.19	W116 35 30.39	1103	147	40248	No	No	North Palm Springs	
6N14	N33 55 56.17	W116 35 41.89	1118	142	40798	No	No	North Palm Springs	
6N15	N33 55 57.91	W116 35 48.65	1140	154	41272	No	No	North Palm Springs	
6N16	N33 55 57.91	W116 35 59.75	1170	143	41825	No	No	White Water	
6N17	N33 55 57.98	W116 36 09.93	1200	152	42350	No	No	White Water	
6N18	N33 55 57.91	W116 36 21.74	1248	148	42960	No	No	White Water	
6N19	N33 55 57.70	W116 36 33.06	1295	151	43548	No	No	White Water	
6N20	N33 55 57.71	W116 36 43.81	1339	152	44133	No	No	White Water	
6N21	N33 55 57.65	W116 36 53.17	1371	156	43894	No	No	White Water	
6N22	N33 55 57.55	W116 37 04.32	1408	151	44524	No	No	White Water	
6N23	N33 55 57.50	W116 37 14.27	1442	142	45099	No	No	White Water	
6N24	N33 55 57.53	W116 37 24.23	1475	145	45688	No	No	White Water	
6N25	N33 55 57.21	W116 37 35.54	1537	153	46341	No	No	White Water	
6N26	N33 55 55.83	W116 37 48.80	1615	137	47061	No	No	White Water	

Table Ap.1B-7. Preliminary FAA Evaluation – Segment 6

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
6N27	N33 55 54.81	W116 38 01.28	1687	183	47752	No	No	White Water	
6N28	N33 55 53.13	W116 38 49.93	2052	191	50750	No	No	White Water	
6N29	N33 55 51.93	W116 39 12.89	1927	123	52192	No	No	White Water	
6N30	N33 55 51.65	W116 39 25.63	1918	123	53643	No	No	White Water	
6N31	N33 55 50.63	W116 39 42.31	1822	158	54700	No	No	White Water	
6N32	N33 55 51.27	W116 40 06.35	1515	179	52987	No	No	White Water	
6N34	N33 55 52.31	W116 40 24.81	1478	166	51441	No	No	White Water	
6N35	N33 55 52.81	W116 40 43.79	1477	188	49848	No	No	White Water	
6N37	N33 55 52.83	W116 41 01.86	1528	150	48328	No	No	White Water	
6N38	N33 55 53.26	W116 41 15.01	1499	160	47226	No	No	White Water	
6N39	N33 55 53.56	W116 41 27.80	1495	150	46153	No	No	White Water	
6N40	N33 55 53.93	W116 41 40.30	1473	142	45104	No	No	White Water	
6N41	N33 55 54.19	W116 41 47.34	1469	139	45105	No	No	White Water	
6N42	N33 55 54.75	W116 41 56.79	1484	137	43726	No	No	White Water	
6N43	N33 55 55.11	W116 42 07.36	1515	142	42841	No	No	White Water	
6N44	N33 55 55.22	W116 42 18.05	1539	148	41944	No	No	White Water	
6N45	N33 55 55.74	W116 42 25.63	1560	150	41312	No	No	White Water	
6N46	N33 55 56.89	W116 42 40.07	1603	163	40110	No	No	White Water	
6N47	N33 55 58.33	W116 42 53.59	1640	182	38989	No	No	White Water	
6N48	N33 55 58.66	W116 43 06.26	1657	162	37930	No	No	White Water	
6S07	N33 55 59.56	W116 34 42.14	1066	188	37533	No	No	Desert Hot Springs	
6S08	N33 55 58.12	W116 34 44.14	1066	188	37490	No	No	North Palm Springs	
6S09	N33 55 58.10	W116 34 53.81	1074	182	37900	No	No	North Palm Springs	
6S10	N33 55 55.67	W116 34 55.01	1065	184	37742	No	No	North Palm Springs	
6S11	N33 55 55.64	W116 35 07.13	1107	145	38279	No	No	North Palm Springs	
6S12	N33 55 55.62	W116 35 18.97	1118	142	38824	No	No	North Palm Springs	
6S13	N33 55 55.60	W116 35 30.39	1101	148	39366	No	No	North Palm Springs	

Table Ap.1B-7. Preliminary FAA Evaluation – Segment 6

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
6S14	N33 55 55.57	W116 35 41.82	1116	137	39923	No	No	North Palm Springs	
6S15	N33 55 53.49	W116 35 48.84	1121	135	40107	No	No	North Palm Springs	
6S16	N33 55 53.90	W116 35 59.84	1155	138	40704	No	No	White Water	
6S17	N33 55 54.34	W116 36 10.08	1187	142	41275	No	No	White Water	
6S18	N33 55 54.79	W116 36 21.73	1243	131	41933	No	No	White Water	
6S19	N33 55 55.24	W116 36 32.91	1283	137	42578	No	No	White Water	
6S20	N33 55 55.61	W116 36 43.42	1328	153	43190	No	No	White Water	
6S21	N33 55 56.11	W116 36 54.09	1368	154	43831	No	No	White Water	
6S22	N33 55 56.10	W116 37 04.35	1400	138	44419	No	No	White Water	
6S23	N33 55 56.12	W116 37 14.22	1436	136	44996	No	No	White Water	
6S24	N33 55 56.11	W116 37 23.68	1469	164	45553	No	No	White Water	
6S25	N33 55 54.12	W116 37 35.34	1537	163	46111	No	No	White Water	
6S26	N33 55 52.20	W116 37 46.60	1592	121	46664	No	No	White Water	
6S27	N33 55 50.11	W116 37 58.86	1673	157	47282	No	No	White Water	
6S28	N33 55 45.33	W116 38 40.87	1858	191	49661	No	No	White Water	
6S28A	N33 55 42.62	W116 38 55.69	1768	180	51097	No	No	White Water	
6S29	N33 55 38.31	W116 39 8.16	1428	181	51654	No	No	White Water	
6S30	N33 55 36.20	W116 39 20.37	1365	122	52346	No	No	White Water	
6S30A	N33 55 37.26	W116 39 29.14	1341	153	53003	No	No	White Water	
6S31	N33 55 38.32	W116 39 38.08	1314	187	53675	No	No	White Water	
6S31A	N33 55 39.40	W116 39 48.39	1265	180	54444	No	No	White Water	
6S32	N33 55 40.98	W116 40 00.31	1359	164	53447	No	No	White Water	
6S33	N33 55 42.44	W116 40 12.61	1361	153	52417	No	No	White Water	
6S34	N33 55 43.92	W116 40 25.05	1395	142	51376	No	No	White Water	
6S35	N33 55 45.56	W116 40 38.79	1361	165	50227	No	No	White Water	
6S36	N33 55 46.89	W116 40 52.65	1382	182	49068	No	No	White Water	
6S37	N33 55 48.72	W116 41 5.42	1447	161	48003	No	No	White Water	

Table Ap.1B-7. Preliminary FAA Evaluation – Segment 6

Structure ID	Latitude (DD)	Longitude (DD)	Site Elevation (ASL)	Structure Height (AGL)	Total Height (AMSL)	Filing Required?	Lighting Expected?	City	Airspace Issues?
6S38	N33 55 49.78	W116 41 14.15	1477	182	47275	No	No	White Water	
6S39	N33 55 49.16	W116 41 29.81	1467	181	45954	No	No	White Water	
6S40	N33 55 49.02	W116 41 39.71	1452	165	45121	No	No	White Water	
6S41	N33 55 48.62	W116 41 53.17	1451	130	43986	No	No	White Water	
6S42	N33 55 54.21	W116 41 58.03	1484	120	43617	No	No	White Water	
6S43	N33 55 54.56	W116 42 7.37	1511	144	42835	No	No	White Water	
6S44	N33 55 54.62	W116 42 18.11	1536	149	41934	No	No	White Water	
6S45	N33 55 55.19	W116 42 25.69	1558	151	40089	No	No	White Water	
6S46	N33 55 56.34	W116 42 40.13	1601	164	40100	No	No	White Water	
6S47	N33 55 57.75	W116 42 53.65	1639	182	38978	No	No	White Water	
6S48	N33 55 58.09	W116 43 06.28	1654	163	37922	No	No	White Water	

Appendix 1C Construction Equipment and Workforce Estimates

The tables below display the construction equipment and workforce estimates for the various components of the Proposed Project. These include substations (Table Ap.1C-1) transmission lines (Table Ap.1C-2), shooflies (Table Ap.1C-4) subtransmission lines (Table Ap.1C-4), distribution lines (Table Ap.1C-5), and telecommunications systems (Table Ap.1C-6).

Table Ap.1C-1. Substation Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horsepower	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/days)
Vista Substation						
<i>Civil</i>				6-11		
Auger Truck	210	Diesel	1	2	20	6
¾-Ton Crew Cab 4×4	275	Gas	2		45	2
Boom/Crane Truck	180	Diesel	1	2	20	4
Dump Trucks	350	Diesel	2		25	4
Backhoe	125	Diesel	1	1	25	6
Lowboy Truck/Trailer	450	Diesel	1		25	2
Forklift	75	Diesel	1		30	2
Ditch Digger	75	Diesel	1		15	6
<i>Electrical</i>				8-12		
Manlifts/Bucket Truck	250	Diesel	2		65	6
Boom/Crane Truck	180	Diesel	1	2	60	6
¾-Ton Crew Cab 4×4	275	Gas	2		75	2
150-ton Crane	250	Diesel	1	2	50	6
Lowboy Truck/Trailer	450	Diesel	1		50	2
Ditch Digger	75	Diesel	1		15	6
Forklift	75	Diesel	1		65	2
Utility Truck	180	Gas	1		75	2
<i>Maintenance</i>				3		
Checker/Truck	180	Gas/Diesel	1		120	2
Manlifts	75	Gas/Diesel	1		20	4
¾-Ton Crew Cab 4×4	275	Gas	1		20	2
Gas/Processing Trailer	0	Electric	0		10	4
<i>Test</i>				2		
Utility Truck	180	Gas	1		120	2
San Bernardino Substation						
<i>Civil</i>				8-13		
Auger Truck	210	Diesel	1	2	24	6
¾-Ton Crew Cab 4×4	275	Gas	2		80	2
Boom/Crane Truck	180	Diesel	1	2	24	6
Dump Trucks	350	Diesel	2		40	4
Backhoe	125	Diesel	1	1	40	6
Lowboy Truck/Trailer	450	Diesel	1		40	2

Table Ap.1C-1. Substation Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horsepower	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/days)
Forklift	75	Diesel	1		80	2
Ditch Digger	75	Diesel	1		40	6
Electrical				10-14		
Manlifts/Bucket Truck	250	Diesel	2		100	6
Boom/Crane Truck	180	Diesel	1	2	80	6
¾-Ton Crew Cab 4x4	275	Gas	2		120	2
150-ton Crane	250	Diesel	1	2	40	6
Lowboy Truck/Trailer	450	Diesel	1		40	2
Ditch Digger	75	Diesel	1		10	6
Forklift	75	Diesel	1		100	2
Utility Truck	180	Gas	1		120	2
Maintenance				4		
Checker/Truck	180	Gas/Diesel	1		200	2
Manlifts	75	Gas/Diesel	1		20	4
¾-Ton Crew Cab 4x4	275	Gas	1		20	2
Gas/Processing Trailer	0	Electric	0		10	4
Test				2		
Utility Truck	180	Gas	1		140	2
El Casco Substation						
Civil				6-11		
Auger Truck	210	Diesel	1	2	25	6
¾-Ton Crew Cab 4x4	275	Gas	2		40	2
Boom/Crane Truck	180	Diesel	1	2	25	4
Dump Trucks	350	Diesel	2		25	4
Backhoe	125	Diesel	1	1	25	6
Lowboy Truck/Trailer	450	Diesel	1		25	2
Forklift	75	Diesel	1		30	2
Ditch Digger	75	Diesel	1		10	6
Electrical				8-12		
Manlifts/Bucket Truck	250	Diesel	2		40	6
Boom/Crane Truck	180	Diesel	1	2	30	6
¾-Ton Crew Cab 4x4	275	Gas	2		60	2
150-ton Crane	250	Diesel	1	2	20	6
Lowboy Truck/Trailer	450	Diesel	1		20	2
Ditch Digger	75	Diesel	1		10	6
Forklift	75	Diesel	1		50	2
Utility Truck	180	Gas	1		60	2
Maintenance				3		
Checker/Truck	180	Gas/Diesel	1		100	2
Manlifts	75	Gas/Diesel	1		10	4
¾-Ton Crew Cab 4x4	275	Gas	1		10	2
Gas/Processing Trailer	0	Electric	0		5	4

Table Ap.1C-1. Substation Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horsepower	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/days)
<i>Test</i>				2		
Utility Truck	180	Gas	1		70	2
Devers Substation						
<i>Civil</i>				8-13		
Auger Truck	210	Diesel	1	2	24	6
¾-Ton Crew Cab 4x4	275	Gas	2		80	2
Boom/Crane Truck	180	Diesel	1	2	24	6
Dump Trucks	350	Diesel	2		40	4
Backhoe	125	Diesel	1	1	40	6
Lowboy Truck/Trailer	450	Diesel	1		40	2
Forklift	75	Diesel	1		80	2
Ditch Digger	75	Diesel	1		40	6
<i>Electrical</i>				10-14		
Manlifts/Bucket Truck	250	Diesel	2		100	6
Boom/Crane Truck	180	Diesel	1	2	80	6
¾-Ton Crew Cab 4x4	275	Gas	2		120	2
150-ton Crane	250	Diesel	1	2	40	6
Lowboy Truck/Trailer	450	Diesel	1		40	2
Ditch Digger	75	Diesel	1		10	6
Forklift	75	Diesel	1		100	2
Utility Truck	180	Gas	1		120	2
<i>Maintenance</i>				4		
Checker/Truck	180	Gas/Diesel	1		200	2
Manlifts	75	Gas/Diesel	1		20	4
¾-Ton Crew Cab 4x4	275	Gas	1		20	2
Gas/Processing Trailer	0	Electric	0		10	4
<i>Test</i>				2		
Utility Truck	180	Gas	1		140	2
Etiwanda Substation						
<i>Electrical</i>				2		
¾-Ton Crew Cab 4x4	275	Gas	1		25	2
<i>Test</i>				2		
Utility Truck	180	Gas	1		20	2
Tennessee Substation						
<i>Civil</i>				3-4		
¾-Ton Crew Cab 4x4	275	Gas	1		4	2
Dump Trucks	350	Diesel	1	1	2	4
Backhoe	125	Diesel	1		2	6
<i>Electrical</i>				5		
Manlifts/Bucket Truck	250	Diesel	1		10	6
Boom/Crane Truck	180	Diesel	1		3	4
¾-Ton Crew Cab 4x4	275	Gas	1		14	2

Table Ap.1C-1. Substation Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horsepower	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/days)
Forklift	75	Diesel	1		8	4
<i>Maintenance</i>				4		
Checker/Truck	180	Gas/Diesel	1		14	2
¾-Ton Crew Cab 4x4	275	Gas	1		2	2
Gas/Processing Trailer	0	Electric	1		1	6
<i>Test</i>				2		
Utility Truck	180	Gas	1		8	2
Timoteo Substation						
<i>Civil</i>				3-8		
Auger Truck	210	Diesel	1	2	66	44
¾-Ton Crew Cab 4x4	275	Gas	1		8	2
Boom/Crane Truck	180	Diesel	1	2	66	44
Dump Trucks	350	Diesel	1	1	4	4
Backhoe	125	Diesel	1		4	6
Forklift	75	Diesel	1		88	44
Ditch-Digger	75	Diesel	1		55	66
<i>Electrical</i>				7-10		
Manlifts/Bucket Truck	250	Diesel	1		20	6
Boom/ Crane Truck	180	Diesel	1	2	6	4
¾-Ton Crew Cab 4x4	275	Gas	1		25	2
Ditch-Digger	75	Diesel	1	1	10	66
Forklift	75	Diesel	1		10	4
<i>Maintenance</i>				3		
Checker/Truck	180	Gas/Diesel	1		25	2
¾-Ton Crew Cab 4x4	275	Gas	1		4	2
Gas/Processing Trailer	0	Electric	1		2	6
<i>Test</i>				2		
Utility Truck	180	Gas	1		15	2

Source: SCE, 2013, Table 3.2-C.

Table Ap.1C-2. Transmission Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
Survey (1)				4	39		48.5 miles
¾-Ton Pick-up Truck, 4×4	200	Gas	2		31	8	1.3 miles
Marshaling Yard (2)				5			
1-Ton Crew Cab, 4×4	300	Diesel	1			4	
R/T Crane (M)	300	Diesel	1			5	
R/T Forklift	200	Diesel	1			5	
Water Truck	300	Diesel	1			10	
Jet A Fuel Truck			1			4	
Truck, Semi, Tractor	350	Diesel	1			6	
ROW Clearing (3)				5	156		48.5 miles
1-Ton Crew Cab, 4×4	300	Diesel	1		124	10	
Motor Grader	350	Diesel	1		124	7	
Water Truck	350	Diesel	2		124	7	0.4 miles
Backhoe/Front Loader	350	Diesel	1		124	7	
Track Type Dozer	350	Diesel	1		124	9	
Lowboy Truck/Trailer	500	Diesel	1		124	5	
Roads & Landing Work (4)				10	144		157.2 miles & 574 pads
1-Ton Crew Cab, 4×4	300	Diesel	4		122	5	
Motor Grader	350	Diesel	2		122	5	
Water Truck	350	Diesel	4		122	10	
Backhoe/Front Loader	350	Diesel	2		122	7	1.3 miles & 5 structure pads
Drum Type Compactor	250	Diesel	2		122	5	
Track Type Dozer	350	Diesel	2		122	7	
Excavator	300	Diesel	2		61	7	
Lowboy Truck/Trailer	500	Diesel	2		61	4	
Guard Structure Installation (5)				12	57		673 structures
¾-Ton Pick-up Truck, 4×4	300	Diesel	4		56	8	
1-Ton Crew Cab Flatbed, 4×4	300	Diesel	2		56	8	
Compressor Trailer	120	Diesel	2		56	7	
Auger Truck	500	Diesel	2		56	5	12 structures
Extendable Flatbed Pole Truck	350	Diesel	2		56	8	
R/T Crane (M)	500	Diesel	2		56	8	
Water Truck	350	Diesel	1		56	8	
Extendable Flatbed Pole Truck	350	Diesel	2		56	8	
Remove Existing Conductor & OHGW (6)				56	468		772 circuit miles
1-Ton Crew Cab, 4×4	300	Diesel	16		468	10	
Manlift/Bucket Truck	350	Diesel	12		468	10	
Sleeving Truck	300	Diesel	4		468	5	
R/T Crane (M)	300	Diesel	4		468	5	1.7 miles
Flatbed Trailer	N/A	N/A	12		422	3	
Truck, Semi, Tractor	350	Diesel	4		422	3	
Bull Wheel Puller	500	Diesel	4		317	5	

Table Ap.1C-2. Transmission Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
Water Truck	350	Diesel	4		317	6	
Hydraulic Rewind Puller	300	Diesel	4		317	5	
220 kV H-Frame/Three Pole Structure Removals				32	31		186 structures
1-Ton Truck, 4x4	300	Diesel	8		31	10	
Compressor Trailer	120	Diesel	8		31	5	
Backhoe/Front Loader	350	Diesel	4		31	10	6 structures
Manlift/Bucket Truck	250	Diesel	4		31	8	
Boom/Crane Truck	350	Diesel	4		31	8	
Flatbed Pole Truck	400	Diesel	4		31	10	
Remove Existing Lattice Steel Towers (7)				32	171		426 towers
1-Ton Crew Cab, 4x4	300	Diesel	8		171	8	
R/T Crane (M)	215	Diesel	8		171	5	2.5 towers
Compressor Trailer	120	Diesel	8		171	10	
Flatbed Truck/Trailer	350	Diesel	4		171	8	
Water Truck	350	Diesel	4		171	6	
Remove Existing Foundations (8)				16	173		431
1-Ton Crew Cab Flatbed, 4x4	300	Diesel	4		173	10	
Dump Truck	350	Diesel	4		173	10	2.5 towers
Backhoe/Front Loader	350	Diesel	4		173	10	
Water Truck	350	Diesel	4		173	10	
Remove Existing Tubular Steel Poles (9)				24	2		5 TSP
¾-Ton Pick-up Truck, 4x4	300	Diesel	8		2	8	
R/T Crane (M)	300	Diesel	4		2	5	3.8 steel poles
Compressor Trailer	120	Diesel	4		2	10	
Water Truck	350	Diesel	4		2	10	
Install LST Foundations (10)				28	166		526 LSTs
1-Ton Crew Cab Flatbed, 4x4	300	Diesel	8		142	5	
R/T Crane (M)	300	Diesel	4		142	7	
Backhoe/Front Loader	200	Diesel	4		142	10	3.2 LSTs
Auger Truck	500	Diesel	4		142	10	
10-cu. yd. Dump Truck	350	Diesel	8		142	10	
Kaman K-MAX		Jet A	1		142	7	
4,000-gallon Water Truck	350	Diesel	4		142	10	
10-cu. yd. Concrete Mixer Truck	425	Diesel	12		142	7	
LST Steel Haul (11)				8	211		526 LSTs
1-Ton Crew Cab Flatbed, 4x4	300	Diesel	4		181	10	
Truck/Trailer	400	Diesel	4		181	10	
Bell 500		Jet A	2		105	7	2.5 LSTs
4,000-gallon Water Truck	350	Diesel	4		181	10	
R/T Forklift	200	Diesel	2		181	6	

Table Ap.1C-2. Transmission Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
LST Steel Assembly (12)				40	395		526 LSTs
¾-Ton Pick-up Truck, 4×4	300	Diesel	4		339	5	1.4 LSTs
1-Ton Crew Cab Flatbed, 4×4	300	Diesel	6		339	5	
R/T Forklift	125	Diesel	4		339	7	
R/T Crane (L)	300	Diesel	4		339	10	
Kaman K-MAX		Jet A	1		339	7	
Compressor Trailer	120	Diesel	4		339	6	
LST Erection (13)				48	275		526 LSTs
¾-Ton Pick-up Truck, 4×4	300	Diesel	8		236	8	2 LSTs
1-Ton Crew Cab Flatbed, 4×4	300	Diesel	8		236	8	
4,000-gallon Water Truck	350	Diesel	4		236	10	
R/T Crane (M)	215	Diesel	4		236	7	
R/T Crane (L)	350	Diesel	4		236	7	
Install Tubular Steel Pole Foundations (14)				24	19		
1-Ton Crew Cab Flatbed, 4×4	300	Diesel	12		4	5	2.5 TSPs
R/T Crane (M)	300	Diesel	4		4	7	
Backhoe/Front Loader	200	Diesel	4		4	10	
Auger Truck	500	Diesel	4		4	10	
4,000-gallon Water Truck	350	Diesel	4		4	10	
10-cu. yd. Dump Truck	350	Diesel	8		4	10	
10-cu. yd. Concrete Mixer Truck	425	Diesel	12		4	6	
Steel Pole Haul (15)				8	5		
¾-Ton Pick-up Truck, 4×4	300	Diesel	4		1	8	10 steel poles
4,000-gallon Water Truck	350	Diesel	4		1	10	
R/T Crane (L)	350	Diesel	2		1	10	
40' Flatbed Truck/Trailer	350	Diesel	4		1	8	
Steel Pole Assembly (16)				24	10		46 TSPs
¾-Ton Pick-up Truck, 4×4	300	Diesel	8		2	8	5 steel poles
4,000-gallon Water Truck	350	Diesel	4		2	10	
1-Ton Crew Cab Flatbed, 4×4	300	Diesel	8		2	6	
Compressor Trailer	120	Diesel	4		2	6	
R/T Crane (L)	350	Diesel	4		2	6	
Steel Pole Erection (17)				24	10		
¾-Ton Pick-up Truck, 4×4	300	Diesel	8		2	5	5 steel poles
1-Ton Crew Cab Flatbed, 4×4	300	Diesel	8		2	5	
4,000-gallon Water Truck	350	Diesel	4		2	10	
Compressor Trailer	120	Diesel	4		2	5	
R/T Crane (L)	350	Diesel	4		2	6	

Table Ap.1C-2. Transmission Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
H-Frame Installation (18)				12	5		1 structure
¾-Ton Pick-up Truck, 4×4	300	Diesel	4		5	8	
1-Ton Crew Cab Flatbed, 4×4	300	Diesel	2		5	8	
Compressor Trailer	120	Diesel	2		5	7	
Auger Truck	500	Diesel	2		5	5	
Extendable Flatbed Pole Truck	350	Diesel	2		5	8	
R/T Crane (M)	500	Diesel	2		5	8	
Water Truck	350	Diesel	1		5	8	
Extendable Flatbed Pole Truck	350	Diesel	2		5	8	
Install Conductor — (19)				220	122		184 circuit miles
¾-Ton Pick-up Truck, 4×4	300	Diesel	4		95	10	
1-Ton Crew Cab Flatbed, 4×4	300	Diesel	8		95	10	
Wire Truck/Trailer	350	Diesel	4		65	10	
R/T Crane (M)	215	Diesel	4		95	10	
Dump Truck	350	Diesel	2		95	10	
Bucket Truck	350	Diesel	4		95	10	
22-Ton Manitex	350	Diesel	4		95	10	
Splicing Rig	350	Diesel	2		25	5	
Splicing Lab	300	Diesel	2		25	5	1.6 miles
Sock Line Puller	300	Diesel	2		25	6	
Bull Wheel Puller	350	Diesel	2		50	10	
Backhoe/Front Loader	125	Diesel	2		50	8	
D8 Cat	350	Diesel	1		50	8	
Hughes 500 E Helicopter		Jet A	2		50	7	
Fuel, Helicopter Support Truck	300	Diesel	2		50	7	
Sag Cat w/ 2 winches	350	Diesel	1		25	10	
Static Truck/Tensioner	350	Diesel	2		50	10	
Guard Structure Removal (20)				12	40		669 structures
¾-Ton Pick-up Truck, 4×4	300	Diesel	4		39	7	
1-Ton Crew Cab Flatbed, 4×4	300	Diesel	4		39	7	
Compressor Trailer	120	Diesel	4		39	7	
Extendable Flatbed Pole Truck	350	Diesel	4		39	6	17.2 structures
Water Truck	300	Diesel	2		39	10	
R/T Crane (M)	500	Diesel	2		39	8	
80 ft. Hydraulic Manlift/Bucket Truck	350	Diesel	2		39	4	
Restoration (21)				14	20		48.5 Miles
1-Ton Crew Cab, 4×4	300	Diesel	4		16	2	
Motor Grader	350	Diesel	2		16	6	
Water Truck	350	Diesel	2		16	8	
Backhoe/Front Loader	350	Diesel	2		16	6	2.5 miles
Drum Type Compactor	250	Diesel	2		16	6	
Track Type Dozer	350	Diesel	2		16	6	
Lowboy Truck/Trailer	300	Diesel	2		16	3	

Table Ap.1C-2. Transmission Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
Retaining walls (22)				100			53 walls
1-Ton Crew Cab, 4x4	300	Diesel	4		254	10	48 days/wall
Motor Grader	250	Diesel	2		254	10	
Water Truck	350	Diesel	2		254	10	
Backhoe/Front Loader	125	Diesel	2		254	10	
Drum Type Compactor	250	Diesel	2		254	10	
Track Type Dozer	350	Diesel	2		254	10	
Concrete Mixer	350	Diesel	2		254	10	
Excavator	250	Diesel	2		254	10	
Dump Truck	350	Diesel	2		254	10	
Lowboy Truck/Trailer	300	Diesel	2		254	10	

Source: SCE, 2013, Tables 3.2-H and 3.13-D.

Crew Size Assumptions:

- 1 Survey = one 4-man crew
- 2 Marshaling Yards = four 1-man crews
- 3 Right-of-way Clearing = one 5-man crew
- 4 Roads & Landing Work = two 5-man crews
- 5 Guard Structure Installation = two 6-man crews
- 6 Remove Existing Conductor & OHGW = four 14-man crews
- 7 Remove Existing LSTs & LSH-Frames = four 8-man crews
- 8 Remove Existing Foundations = four 4-man crews
- N/A Remove Existing Wood Poles = 0 0-man crews
- 9 Remove Existing TSP / LWS Poles = four 6-man crews
- 10 Install Foundations for LSTs = four 7-man crews
- 11 LST Steel Haul = two 4-man crews
- 12 LST Steel Assembly = four 10-man crews
- 13 LST Erection = four 12-man crews
- 14 Install Foundations for TSPs = four 6-man crews
- 15 Steel Pole Haul = two 4-man crews
- 16 Steel Pole Assembly = four 6-man crews
- 17 Steel Pole Erection = four 6-man crews
- 18 H-Frame Installation = 1 8-man crew
- 19 Conductor & OHGW/OPGW Installation = four 55-man crews
- 20 Guard Structure Removal = two 6-man crews
- 21 Restoration = two 7-man crews
- 22 Retaining Walls = ten 10-man crews

Table Ap.1C-3. Transmission Shoo-Fly Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
Survey (1)				16	26		20 miles
1-Ton Pick-up Truck, 4x4	300	Gas	8		26	10	
ROW Clearing (3)				15	14		20 miles
1-Ton Truck, 4x4	300	Gas	3		14	10	
Backhoe/Front Loader	350	Diesel	3		14	7	
Track Type Dozer	350	Diesel	3		14	7	
Road Grader	350	Diesel	3		14	7	
Water Truck	300	Diesel	6		14	9	
Lowboy Truck/Trailer	500	Diesel	3		14	5	
Roads & Landing Work (4)				24	60		300 pads
1-Ton Truck, 4x4	300	Gas	8		60	5	
Backhoe/Front Loader	350	Diesel	4		60	7	
Track Type Dozer	350	Diesel	4		60	7	
Motor Grader	350	Diesel	4		60	5	
Water Truck	300	Diesel	8		60	10	
Drum Type Compactor	250	Diesel	4		60	5	
Excavator	300	Diesel	4		36	7	
Lowboy Truck/Trailer	500	Diesel	4		36	4	
Shoo-fly Direct Buried Steel/Wood Poles (DBSP) Haul (5)				8	120		300 DBSP poles
¾-Ton Truck, 4x4	275	Gas	2		120	10	
Water Truck	300	Diesel	1		120	10	
Boom/Crane Truck	350	Diesel	2		120	8	
Flatbed Pole Truck	400	Diesel	2		120	10	
Shoo-fly Direct Buried Steel/Wood Pole Assembly (6)				18	150		300 DBSP poles
¾-Ton Truck, 4x4	275	Gas	2		150	6	
Compressor Trailer	120	Diesel	1		150	6	
1-Ton Truck, 4x4	300	Diesel	2		150	10	
4,000-gallon Water Truck	350	Diesel	1		150	10	
Boom/Crane Truck	350	Diesel	1		150	8	
Install Shoo-fly Direct Buried Steel/Wood Pole (7)				18	100		300 DBSP poles
1-Ton Truck, 4x4	300	Diesel	2		100	6	
Manlift/Bucket Truck	350	Diesel	2		100	10	
Boom/Crane Truck	350	Diesel	2		100	7	
Auger Truck	210	Diesel	2		70	8	
Water Truck	300	Diesel	2		100	10	
Backhoe/Front Loader	125	Diesel	2		100	10	
Extendable Flatbed Pole Truck	400	Diesel	2		100	6	
Install Conductor/GW (8)				165	20		20 miles
¾-Ton Truck, 4x4	275	Gas	3		20	10	
1-Ton Truck, 4x4	300	Diesel	6		20	10	

Table Ap.1C-3. Transmission Shoo-Fly Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
Manlift/Bucket Truck	350	Diesel	3		20	10	
Boom/Crane Truck	350	Diesel	3		20	10	
R/T Crane (M)	215	Diesel	3		20	10	
Dump Truck	350	Diesel	2		20	10	
Wire Truck/Trailer	350	Diesel	3		5.4	10	
Sock Line Puller	300	Diesel	2		5.4	10	
Bull Wheel Puller	350	Diesel	2		10	10	
Static Truck/Tensioner	350	Diesel	2		20	10	
Splicing Rig	350	Diesel	2		5.4	10	
Spacing Cart	10	Diesel	4		5.4	10	
Backhoe/Front Loader	125	Diesel	2		4	8	
D8 Cat	350	Diesel	1		4	8	
Sag Cat w/ 2 winches	350	Diesel	1		4	10	
Lowboy Truck/Trailer	450	Diesel	3		20	10	
Hughes 500 E		Jet A	2		4	7	
Fuel, Helicopter Support Truck	300	Diesel	2		4	7	
Remove Shoo-fly Conductor & GW (9)				28	20		20 circuit miles
1-Ton Truck, 4x4	300	Diesel	8		20	10	
Manlift/Bucket Truck	250	Diesel	6		20	10	
Sleeving Truck	300	Diesel	4		20	5	
Boom/Crane Truck	350	Diesel	4		20	5	
Bull Wheel Puller	500	Diesel	2		14	5	
Truck, Semi-Tractor	350	Diesel	2		10	2	
Hydraulic Rewind Puller	300	Diesel	2		14	5	
4,000-gallon Water Truck	350	Diesel	2		20	10	
Lowboy Truck/Trailer	450	Diesel	6		20	3	
Shoo-fly Pole Removal (10)				8	80		300 LWS poles
1-Ton Truck, 4x4	300	Diesel	2		80	6	
Compressor Trailer	60	Diesel	2		80	6	
Water Truck	300	Diesel	2		80	10	
Manlift/Bucket Truck	250	Diesel	2		80	10	
Boom/Crane Truck	350	Diesel	2		80	7	
Flatbed Truck/Trailer	400	Diesel	2		80	6	
Restoration (11)				21	8		20 miles
1-Ton Truck, 4x4	300	Diesel	6		8	4	
Backhoe/Front Loader	125	Diesel	3		8	7	
Motor Grader	250	Diesel	3		8	7	
Water Truck	300	Diesel	3		8	10	
Drum Type Compactor	100	Diesel	3		8	7	
Lowboy Truck/Trailer	450	Diesel	3		8	3	

Source: SCE, 2013, Table 3.2-J.

SCE West of Devers Upgrade Project

APPENDIX 1. PROJECT DESCRIPTION INFORMATION

Crew Size Assumptions:

- 1 Survey = four 4-man crews
- 2 Construction and materials yards = one 4-man crew for each yard
- 3 Right-of-way clearing = three 5-man crews
- 4 Roads & landing work = four 6-man crews
- 5 Shoo-fly pole haul = two 4-man crews
- 6 Wood/LWS/shoo-Fly pole assembly = three 6-man crews
- 7 Install wood/H-frame/LWS/shoo-fly pole = three 6-man crews
- 8 Install/transfer conductor/GW = three 55-man crews
- 9 Remove shoo-fly conductor & GW = two 14-man crews
- 10 Shoo-fly pole removal = one 6-man crew
- 11 Restoration = three 7-man crews

Table Ap.1C-4. Subtransmission Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
Survey (1)				4	6		5.3 miles
1-Ton Truck, 4x4	300	Gas	2		6	8	1 mile
Marshaling Yard (2)				4			1 yard
1-Ton Truck, 4x4	300	Gas	1			4	5 acres
R/T Forklift	125	Diesel	1		Duration of project	6	
Boom/Crane Truck	350	Diesel	1			2	
Water Truck	300	Diesel	1			8	
Truck, Semi-Tractor	400	Diesel	1			2	
ROW Clearing (3)				5		14	
1-Ton Truck, 4x4	300	Gas	1		14	8	0.25 miles
Backhoe/Front Loader	125	Diesel	1		14	6	
Track Type Dozer	150	Diesel	1		14	6	
Motor Grader	250	Diesel	1		14	6	
Water Truck	300	Diesel	1		14	8	
Lowboy Truck/Trailer	450	Diesel	1		14	4	
Roads & Landing Work (4)				5	4		2 miles & 9 pads
1-Ton Truck, 4x4	300	Gas	1		4	8	existing roads: 2 miles structure pads (flat to mod): 4 pads
Backhoe/Front Loader	125	Diesel	1		4	4	
Track Type Dozer	150	Diesel	1		4	4	
Motor Grader	250	Diesel	1		4	6	
Water Truck	300	Diesel	1		4	8	
Drum Type Compactor	100	Diesel	1		4	6	
Excavator	250	Diesel	1		3	4	
Lowboy Truck/Trailer	450	Diesel	1		4	4	
Guard Structure Installation (5)				6	14		70 structures
¾-Ton Truck, 4x4	275	Gas	1		14	8	5 structures
1-Ton Truck, 4x4	300	Gas	1		14	8	
Compressor Trailer	60	Diesel	1		14	4	
Manlift/Bucket Truck	250	Diesel	1		14	4	
Boom/Crane Truck	350	Diesel	1		14	6	
Auger Truck	210	Diesel	1		14	4	
Extendable Flatbed Pole Truck	400	Diesel	1		14	8	
Remove Existing Conductor & GW (6)				14	8		
1-Ton Truck, 4x4	300	Gas	2		8	4	non-bundled: 0.5 miles
Manlift/Bucket Truck	250	Diesel	2		8	8	
Boom/Crane Truck	350	Diesel	2		8	8	
Bull Wheel Puller	350	Diesel	1		6	6	
Sock Line Puller	300	Diesel	1		6	6	
Static Truck/Tensioner	350	Diesel	1		8	6	
Lowboy Truck/Trailer	450	Diesel	2		8	4	

Table Ap.1C-4. Subtransmission Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
Wood/LWS Pole Removal (7)				6	4		28 poles
1-Ton Truck, 4x4	300	Gas	2		4	8	
Compressor Trailer	60	Diesel	1		4	4	
Manlift/Bucket Truck	250	Diesel	1		4	6	9 poles
Boom/Crane Truck	350	Diesel	1		4	6	
Flatbed Pole Truck	400	Diesel	1		4	8	
LST Removal (8)				6 (S/C)	18		9 LSTs
1-Ton Truck, 4x4	300	Gas	2		18	4	
Compressor Trailer	60	Diesel	1		18	8	
R/T Crane (M)	215	Diesel	1		18	6	0.5 LSTs
Boom/Crane Truck	350	Diesel	1		18	6	
Flatbed Truck/Trailer	400	Diesel	1		18	4	
LST Foundation Removal (9)				4	5		9 LSTs
¾-Ton Truck, 4x4	275	Gas	1		5	4	
Compressor Trailer	60	Diesel	1		5	8	
Backhoe/Front Loader	125	Diesel	1		5	6	2 LSTs
Dump Truck	350	Diesel	1		5	6	
Excavator	250	Diesel	1		5	4	
Install TSP Foundations (10)				6	54		26 TSPs
¾-Ton Truck, 4x4	275	Gas	1		54	4	
Boom/Crane Truck	350	Diesel	1		54	4	
Backhoe/Front Loader	125	Diesel	1		54	6	
Auger Truck	210	Diesel	1		21	6	0.5 TSPs
Water Truck	300	Diesel	1		49	8	
Dump Truck	350	Diesel	1		49	4	
Concrete Mixer Truck	350	Diesel	3		33	2	
TSP Haul (11)				4	7		26 TSPs
¾-Ton Truck, 4x4	275	Gas	1		7	8	
Boom/Crane Truck	350	Diesel	1		7	6	4 TSPs
Flatbed Pole Truck	400	Diesel	1		7	8	
TSP Assembly (12)				8	26		26 TSPs
¾-Ton Truck, 4x4	275	Gas	2		26	4	
1-Ton Truck, 4x4	300	Gas	2		26	4	1 TSP
Compressor Trailer	60	Diesel	1		26	6	
Boom/Crane Truck	350	Diesel	1		26	8	
TSP Erection (13)				8	26		26 TSPs
¾-Ton Truck, 4x4	275	Gas	2		26	4	
1-Ton Truck, 4x4	300	Gas	2		26	4	1 TSP
Compressor Trailer	60	Diesel	1		26	4	
Boom/Crane Truck	350	Diesel	1		26	8	

Table Ap.1C-4. Subtransmission Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
LWS Pole Haul (14)				4	27		154 LWS poles
¾-Ton Truck, 4×4	275	Gas	1		27	8	6 poles
Boom/Crane Truck	350	Diesel	1		27	6	
Flatbed Pole Truck	400	Diesel	1		27	8	
LWS Pole Assembly (15)				8	39		154 LWS poles
¾-Ton Truck, 4×4	275	Gas	2		39	4	4 poles
1-Ton Truck, 4×4	300	Gas	2		39	4	
Compressor Trailer	60	Diesel	1		39	6	
Boom/Crane Truck	350	Diesel	1		39	8	
Install LWS Pole (16)				6	39		154 poles
1-Ton Truck, 4×4	300	Gas	1		39	8	4 poles
Manlift/Bucket Truck	250	Diesel	1		39	6	
Boom/Crane Truck	350	Diesel	1		39	6	
Auger Truck	210	Diesel	1		39	4	
Backhoe/Front Loader	125	Diesel	1		39	8	
Extendable Flatbed Pole Truck	400	Diesel	1		39	8	
Install Conductor (17)				20	13		4.3 circuit miles
1-Ton Truck, 4×4	300	Gas	3		13	4	0.33 miles
Manlift/Bucket Truck	250	Diesel	4		13	8	
Boom/Crane Truck	350	Diesel	1		13	8	
Dump Truck	350	Diesel	1		13	2	
Wire Truck/Trailer	350	Diesel	2		13	6	
Sock Line Puller	300	Diesel	1		5	6	
Bull Wheel Puller	350	Diesel	1		9	6	
Static Truck/Tensioner	350	Diesel	1		13	6	
Backhoe/Front Loader	125	Diesel	1		13	2	
Lowboy Truck/Trailer	450	Diesel	2		13	4	
Hughes 500 E Helicopter		Jet A	1		4	6	
Fuel, Helicopter Support Truck	300	Diesel	1		4	6	
Guard Structure Removal (18)				6	10		
¾-Ton Truck, 4×4	275	Gas	1		10	8	7 structures
1-Ton Truck, 4×4	300	Gas	1		10	8	
Compressor Trailer	60	Diesel	1		10	4	
Manlift/Bucket Truck	250	Diesel	1		10	4	
Boom/Crane Truck	350	Diesel	1		10	6	
Extendable Flatbed Pole Truck	400	Diesel	1		10	8	

Table Ap.1C-4. Subtransmission Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hrs/day)	Estimated Production Per Day
Restoration (19)				7	4		3.3 miles
1-Ton Truck, 4x4	300	Gas	2		4	4	1 mile
Backhoe/Front Loader	125	Diesel	1		4	4	
Motor Grader	250	Diesel	1		4	6	
Water Truck	300	Diesel	1		4	8	
Drum Type Compactor	100	Diesel	1		4	4	
Lowboy Truck/Trailer	450	Diesel	1		4	4	
Vault Installation (20)				6	27		9 vaults
1-Ton Truck, 4x4	300	Gas	2		27	4	0.33 vaults
Backhoe/Front Loader	125	Diesel	1		27	8	
Excavator	250	Diesel	1		14	6	
Dump Truck	350	Diesel	2		27	8	
Water Truck	300	Diesel	1		27	8	
Crane (L)	500	Diesel	1		9	6	
Concrete Mixer Truck	350	Diesel	3		14	2	
Lowboy Truck/Trailer	450	Diesel	1		9	4	
Flatbed Truck/Trailer	400	Diesel	3		9	4	
Duct Bank Installation (21)				6	22		5,380 trench feet
1-Ton Truck, 4x4	300	Gas	2		22	4	250 feet
Compressor Trailer	60	Diesel	1		22	4	
Backhoe/Front Loader	125	Diesel	1		22	6	
Dump Truck	350	Diesel	2		22	6	
Pipe Truck/Trailer	275	Diesel	1		22	6	
Water Truck	300	Diesel	1		22	8	
Concrete Mixer Truck	350	Diesel	3		22	2	
Lowboy Truck/Trailer	450	Diesel	1		8	4	
Install Underground Cable (22)				8	3		
1-Ton Truck, 4x4	300	Gas	2		3	4	0.33 miles
Manlift/Bucket Truck	250	Diesel	1		3	6	
Boom/Crane Truck	350	Diesel	1		3	6	
Wire Truck/Trailer	350	Diesel	2		3	6	
Puller	350	Diesel	1		3	6	
Static Truck/Tensioner	350	Diesel	1		3	6	

Source: SCE, 2013, Table 3.2-K.

Crew Size Assumptions:

- 1 - Survey = one 4-man crew
- 2 - Marshaling Yards = one 4-man crew
- 3 - Right-of-way Clearing = one 5-man crew
- 4 - Roads & Landing Work = one 5-man crew
- 5 - Guard Structure Installation = one 6-man crew
- 6 - Remove Existing Conductor & GW = one 14-man crew
- 7 - Remove Existing Wood/LWS Poles = one 6-man crew
- 8 - Remove Existing LSTs = one 6-man crew

- 9 - Remove Existing LST Foundations = one 4-man crew
- 10 - Install Foundations for TSPs = one 6-man crew
- 11 - TSP Haul = one 4-man crew
- 12 - TSP Assembly = one 8-man crew
- 13 - TSP Erection = one 8-man crew
- 14 - TSP Haul = one 4-man crew
- 15 - TSP Assembly = one 8-man crew
- 16 - Install Wood/LWS Pole = one 6-man crew
- 17 - Conductor & GW Installation = two 10-man crews
- 18 - Guard Structure Removal = one 6-man crew
- 19 - Restoration = one 7-man crew
- 20 - Vault Installation = one 6-man crew
- 21 - Duct Bank Installation = one 6-man crew
- 22 - Install Underground Cable = one 8-man crew

Table Ap.1C-5. Distribution Construction Equipment and Workforce Estimates

Activity and Number of Personnel	Work Days	Equipment and Quantity	Duration of Use (hours)	Fuel Type
Location 1 (8 people)	3	2 – Line Truck	7	Diesel
	3	2 – Pickup Truck	7	Diesel
Location 2 (8 people)	3	2 – Line Truck	7	Diesel
	3	2 – Pickup Truck	7	Diesel
Location 3 (8 people)	6	2 – Line Truck	7	Diesel
	6	2 – Pickup Truck	7	Diesel
Location 4 (7 people)	5	1 – Rodder Truck	6	Diesel
	5	1 – Cable Dolly	6	
	5	1 – Reel Truck	6	Diesel
	20	1 – Concrete Truck	4	Diesel
	20	1 – Dump Truck	6	Diesel
	20	1 – Backhoe	8	Diesel
Location 5 (8 people)	8	2 – Line Truck	7	Diesel
	8	2 – Pickup Truck	7	Diesel

Source: SCE, 2013, Table 3.2-M.

Table Ap.1C-6. Telecommunication System Construction Equipment and Workforce Estimates

Primary Equipment Description	Estimated Horse-power	Probable Fuel Type	Primary Equipment Quantity	Estimated Workforce	Estimated Schedule (days)	Duration of Use (hours)
Telecommunications work for OPGW and work to accommodate construction						
Bucket Truck	300	Diesel	6	12	24	7
Crew Truck	300	Diesel	3	3	24	8
Backhoe	200	Diesel	2	4	40	7
Dump truck	350	Diesel	2	3	17	3
Material Transport	350	Diesel	1	1	4	4
Forklift	200	Diesel	1	1	4	1
Splice Lab	300	Diesel	6	12	36	7
Telecommunications work inside the MEER						
Crew Truck	300	Gas	3	3	30	8

Source: SCE, 2013, Table 3.2-O.