

Obstruction Report

Distro Canyon Vegetation Management



Prepared By:	Rock Robotic
Website:	http://www.rockrobotic.com
Email:	sales@rockrobotic.com
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Location	37.821187, -122.15197

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Overview

This obstruction report lists the vegetation obstruction violations within the prescribed distance ranges. The "Obstruction Details" section lists the obstructions in nearest neighbor order.

Project Description

M300

R2A

NADIR

Manual Flight

30-50m

3-5m/s

Triple Return

Repeat

Horizontal Projection:

NAD83(2011) / California zone 3 (ftUS)

EPSG: 6420 Unit: ft

Vertical Projection:

NAVD88 height (ftUS)

EPSG: 6360 Unit: ft

Obstruction Overview

0-5 Violations: 5

5-10 Violations: 66

10-15 Violations: 159

Obstruction Details

0-5 Violations

Number	X	Y	Z	Number of Violations	Map link	LIDAR
1	6085246.55	2125145.96	504.38	32081	map	lidar
2	6085799.71	2124820.22	502.84	8	map	lidar
3	6085931.98	2124780.59	503.62	6	map	lidar
4	6083865.11	2126014.51	549.44	7	map	lidar
5	6083057.91	2126654	566.11	4	map	lidar

5-10 Violations

Number	X	Y	Z	Number of Violations	Map link	LIDAR
6	6082514.07	2127106.59	573.97	3333	map	lidar
7	6082587.5	2127040.62	569.52	35362	map	lidar
8	6082690.61	2126977.42	558.85	4854	map	lidar
9	6082771.58	2126904.77	557.26	4497	map	lidar
10	6082808.88	2126840.73	554.93	49118	map	lidar
11	6082838.51	2126835.91	553.83	9588	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
12	6082893.62	2126766.89	562.62	50242	map	lidar
13	6082906.81	2126778	568.79	5	map	lidar
14	6082965.94	2126735.28	567.35	73640	map	lidar
15	6082997.31	2126690.27	563.27	30975	map	lidar
16	6083028.2	2126671.27	560.01	9	map	lidar
17	6083097.72	2126612.84	558.87	14	map	lidar
18	6083107.25	2126606.92	558.59	1	map	lidar
19	6083119.61	2126584.86	559.68	1462	map	lidar
20	6083188.27	2126521.59	570.58	30	map	lidar
21	6083252.87	2126481.27	555.19	3	map	lidar
22	6083513.34	2126242.14	541.23	19806	map	lidar
23	6083785.13	2126051.5	552.43	140675	map	lidar
24	6083900	2125985.01	538.27	3	map	lidar
25	6083972.81	2125930.35	539.53	36370	map	lidar
26	6084027.81	2125911.69	531.12	6	map	lidar
27	6084060.26	2125888.4	526.51	2	map	lidar
28	6084057.14	2125882.33	528.49	2	map	lidar
29	6084082.09	2125862.58	534.89	117	map	lidar
30	6084110.29	2125849.09	525.94	3	map	lidar
31	6084128.73	2125839.18	528.52	10	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
32	6084250.58	2125754.53	525.68	3	map	lidar
33	6084263.08	2125746.24	529.59	4	map	lidar
34	6084280.52	2125740.07	522.58	1	map	lidar
35	6084285.61	2125736.53	522.52	1	map	lidar
36	6084301.79	2125734.7	521.1	1	map	lidar
37	6084359.37	2125700.94	527.17	11	map	lidar
38	6084435.38	2125640.41	520.67	1	map	lidar
39	6084449	2125631.99	522.24	95	map	lidar
40	6084479.69	2125613.37	517.42	3739	map	lidar
41	6084491.64	2125615.54	513.13	1	map	lidar
42	6084493.14	2125607.34	515.19	3589	map	lidar
43	6084564.88	2125562.08	518.29	39911	map	lidar
44	6084675.92	2125487.49	517.75	4	map	lidar
45	6084892.31	2125342.03	507.94	111190	map	lidar
46	6084944.79	2125309.18	510.04	30299	map	lidar
47	6085179.37	2125167.8	502	22203	map	lidar
48	6085269.64	2125134	505.73	186721	map	lidar
49	6085301.97	2125094.61	498.06	6324	map	lidar
50	6085492.71	2124982.44	496.97	4474	map	lidar
51	6086057.79	2124786.27	509.28	233985	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
52	6086159.74	2124786.24	524.98	1405	map	lidar
53	6085843.1	2124814.66	496.65	363	map	lidar
54	6085738.81	2124857.79	505.88	92758	map	lidar
55	6085639.8	2124915.47	496.39	80686	map	lidar
56	6085551.78	2124977.68	499.32	6431	map	lidar
57	6085481.6	2125014.84	495.18	90111	map	lidar
58	6085366.99	2125077.97	494.23	39776	map	lidar
59	6084489.05	2125631.54	528.94	40052	map	lidar
60	6084345.65	2125722.28	533.92	21	map	lidar
61	6084295.31	2125754.87	528.27	10038	map	lidar
62	6084193.79	2125799.38	524.46	15	map	lidar
63	6084125.75	2125861.75	537.08	1898	map	lidar
64	6083762.92	2126071.3	545.32	14952	map	lidar
65	6083707.34	2126102.1	546.12	64090	map	lidar
66	6083439.6	2126329.39	548.8	20912	map	lidar
67	6083132.01	2126582.85	559.64	599	map	lidar
68	6083120.23	2126591.99	558.82	2	map	lidar
69	6083116.03	2126607.12	570.26	4	map	lidar
70	6083040.8	2126759.11	573.25	3206	map	lidar
71	6083084.37	2126911.9	615.05	131974	map	lidar

10-15 Violations

Number	X	Y	Z	Number of Violations	Map link	LIDAR
72	6082515.94	2127101.99	573.34	6381	map	lidar
73	6082535.51	2127119.66	567.13	15609	map	lidar
74	6082558.23	2127104.11	577.93	3888	map	lidar
75	6082593.59	2127057.07	562.15	177802	map	lidar
76	6082605.84	2127024.61	562.68	800	map	lidar
77	6082621.96	2127051.33	570.3	1	map	lidar
78	6082631.01	2127037.04	566.16	25706	map	lidar
79	6082646.31	2126983.77	569.36	2174	map	lidar
80	6082657.12	2126977.93	559.93	721	map	lidar
81	6082660.84	2126969.23	568.78	1327	map	lidar
82	6082708.33	2126965.41	561.23	44680	map	lidar
83	6082742.82	2126930.11	555.1	155	map	lidar
84	6082768.76	2126909.99	561.79	13898	map	lidar
85	6082780.9	2126861.55	561.69	79966	map	lidar
86	6082822.98	2126852.67	553.06	3008	map	lidar
87	6082843.35	2126835.14	555.95	7071	map	lidar
88	6082828.13	2126811.95	567.12	654	map	lidar
89	6082888.06	2126768.29	559.54	16219	map	lidar
90	6082942.67	2126756.6	560.13	20974	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
91	6082966.05	2126740.11	566.01	11933	map	lidar
92	6082956.25	2126722.79	558.42	113	map	lidar
93	6082966.03	2126708.26	563.67	8373	map	lidar
94	6083008.58	2126684.61	560.51	18774	map	lidar
95	6083014.74	2126668.79	564.35	2403	map	lidar
96	6083038.4	2126642.37	567.14	1131	map	lidar
97	6083120.62	2126579.95	560.7	1329	map	lidar
98	6083124.46	2126570.58	563.75	1	map	lidar
99	6083140.13	2126572	559.63	2	map	lidar
100	6083147.39	2126566.89	559.4	3	map	lidar
101	6083153.19	2126555.03	559.04	1	map	lidar
102	6083160.54	2126558.59	561.48	28	map	lidar
103	6083181.12	2126521.67	567.67	3	map	lidar
104	6083277.77	2126459.18	550.47	190	map	lidar
105	6083294.94	2126420.79	555.84	1	map	lidar
106	6083313.47	2126403.45	554.93	3112	map	lidar
107	6083357.51	2126382.76	543.94	365	map	lidar
108	6083364.98	2126376.65	543.26	178	map	lidar
109	6083445.85	2126295.12	542.81	11342	map	lidar
110	6083506.94	2126242.99	542.16	103417	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
111	6083541.91	2126208.48	542.57	22	map	lidar
112	6083596.57	2126178.82	539.34	1965	map	lidar
113	6083602.37	2126174.26	536.73	35	map	lidar
114	6083612.28	2126164.99	537.87	16	map	lidar
115	6083744.5	2126075.5	547.61	7905	map	lidar
116	6083780	2126051.89	554.73	141175	map	lidar
117	6083854.02	2126004.01	544.15	4	map	lidar
118	6084001.8	2125919.9	531.97	192522	map	lidar
119	6084053.69	2125879.82	529.91	5213	map	lidar
120	6084071.53	2125870.61	527.28	34172	map	lidar
121	6084115.21	2125850.83	524.86	3	map	lidar
122	6084112.64	2125836.76	530.52	1	map	lidar
123	6084116.78	2125837.44	530.05	1	map	lidar
124	6084211.81	2125774.44	531	404	map	lidar
125	6084233.71	2125763.17	530.48	16847	map	lidar
126	6084261.86	2125745.91	528.14	2946	map	lidar
127	6084334.09	2125708.57	521.84	1	map	lidar
128	6084334.94	2125702.15	525.03	1411	map	lidar
129	6084371.23	2125699.61	523.73	9955	map	lidar
130	6084425.4	2125644.6	523.55	836	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
131	6084433.55	2125639.47	522.07	5392	map	lidar
132	6084456.49	2125626.47	519.46	4222	map	lidar
133	6084470.62	2125618.92	516.41	12600	map	lidar
134	6084494.99	2125599.98	518.61	364	map	lidar
135	6084503.07	2125594.83	518.61	1	map	lidar
136	6084568.51	2125580.52	534.27	247140	map	lidar
137	6084606.29	2125541.53	507.54	2	map	lidar
138	6084656.2	2125503.1	506.81	9	map	lidar
139	6084741.29	2125469.98	513.28	19399	map	lidar
140	6084840.48	2125373.2	509.03	48140	map	lidar
141	6084947.7	2125304.91	508.07	24403	map	lidar
142	6085070.16	2125229.23	517.36	94945	map	lidar
143	6085173.8	2125166.19	498.36	14810	map	lidar
144	6085249.03	2125136.3	491.16	156118	map	lidar
145	6085286.58	2125098.67	501.63	3	map	lidar
146	6085317.73	2125081.64	497.07	7913	map	lidar
147	6085416.39	2125032.46	488.44	57	map	lidar
148	6085464.14	2124994.73	498.1	21	map	lidar
149	6085497.63	2124976.46	495.31	1156	map	lidar
150	6085805.42	2124802.53	506.38	2974	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
151	6085867.58	2124780.63	510.18	20210	map	lidar
152	6085931.92	2124787.66	496.43	2	map	lidar
153	6086055.08	2124762.89	515.61	235913	map	lidar
154	6086138.41	2124777.21	518.45	6567	map	lidar
155	6086164.65	2124783.68	514.12	2543	map	lidar
156	6086162.93	2124797.39	506.54	11	map	lidar
157	6086157.02	2124803.78	506.33	2	map	lidar
158	6085953.22	2124791.16	500.29	7368	map	lidar
159	6085933.67	2124792.43	499.63	3676	map	lidar
160	6085915.6	2124798.91	503.56	365	map	lidar
161	6085853.88	2124811.08	495.44	20	map	lidar
162	6085850.85	2124817.17	500.74	843	map	lidar
163	6085841.58	2124813.17	493.49	1	map	lidar
164	6085820.67	2124830.47	506.2	1764	map	lidar
165	6085799.23	2124838.03	502.72	2555	map	lidar
166	6085776.78	2124847.14	509.16	586	map	lidar
167	6085721.75	2124874.11	499.38	13073	map	lidar
168	6085652.09	2124916.06	497.84	13658	map	lidar
169	6085559.64	2124972.53	493.17	9192	map	lidar
170	6085452.89	2125020.01	489.07	26329	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
171	6085433.24	2125040.62	513.7	9	map	lidar
172	6085369.81	2125073.19	486.9	10773	map	lidar
173	6085171.16	2125204.07	508.92	47	map	lidar
174	6084950.26	2125334.75	501.36	61	map	lidar
175	6084945.88	2125342.15	506.68	239	map	lidar
176	6084766.85	2125451.45	525.68	587	map	lidar
177	6084754.86	2125466.5	518.68	187	map	lidar
178	6084670.23	2125518.52	518.97	49852	map	lidar
179	6084494.49	2125631.54	527.49	77855	map	lidar
180	6084443.49	2125665.2	526.43	161	map	lidar
181	6084305.48	2125749.92	530.96	16018	map	lidar
182	6084283.34	2125765.65	536.82	1	map	lidar
183	6084255.45	2125782.52	533.31	52667	map	lidar
184	6084246.47	2125772.32	548.16	1	map	lidar
185	6084230.66	2125798.1	528.65	865	map	lidar
186	6084223.65	2125803.98	534.18	1	map	lidar
187	6084190.73	2125801.11	522.87	56652	map	lidar
188	6084123.84	2125851.04	525.61	5163	map	lidar
189	6084115.95	2125859.5	525.66	1	map	lidar
190	6084078	2125893.67	532.95	1	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
191	6084066.62	2125903.17	536.67	1	map	lidar
192	6083828.46	2126052.42	556.38	530	map	lidar
193	6083824.52	2126056.36	556.3	2	map	lidar
194	6083813.49	2126061.07	554.8	5504	map	lidar
195	6083777.45	2126071.86	542.38	14112	map	lidar
196	6083757.05	2126097.06	545.23	1809	map	lidar
197	6083740.66	2126106.9	541.71	2	map	lidar
198	6083710.42	2126129.24	548.38	87004	map	lidar
199	6083634.65	2126186.92	550.56	1	map	lidar
200	6083607.66	2126203.26	549.44	4862	map	lidar
201	6083550.2	2126215.93	536.22	117	map	lidar
202	6083546.14	2126231.43	538.53	1007	map	lidar
203	6083447.57	2126325.03	551.99	33371	map	lidar
204	6083391.38	2126370.4	558.98	17526	map	lidar
205	6083381.1	2126382.97	558.47	11047	map	lidar
206	6083356.59	2126403.81	552.96	900	map	lidar
207	6083307.29	2126446.31	556.05	1	map	lidar
208	6083289.4	2126458.8	561.22	3382	map	lidar
209	6083285.27	2126467.58	561.85	16	map	lidar
210	6083281.77	2126467.94	568.82	15	map	lidar

Number	X	Y	Z	Number of Violations	Map link	LIDAR
211	6083274.14	2126472.8	555.62	1	map	lidar
212	6083270.26	2126474.47	557.07	2	map	lidar
213	6083161.81	2126568.87	561.61	1	map	lidar
214	6083157.3	2126569.55	560.82	3	map	lidar
215	6083151.47	2126579.8	564.5	12	map	lidar
216	6083151.05	2126572.55	561.84	3	map	lidar
217	6083144.82	2126575.31	559.66	57	map	lidar
218	6083129.54	2126579.95	559.41	197	map	lidar
219	6083119.91	2126592.55	558.73	2	map	lidar
220	6083110.11	2126617.38	563.99	1	map	lidar
221	6083100.32	2126627.03	564.54	7	map	lidar
222	6083095.64	2126633.27	569.34	2	map	lidar
223	6083072.75	2126649.86	570.7	27	map	lidar
224	6083062.37	2126652.23	578.33	18	map	lidar
225	6083024.93	2126754.1	565.88	232	map	lidar
226	6083028.92	2126760.65	566.32	3	map	lidar
227	6083046.28	2126761.95	575.51	1110	map	lidar
228	6083102.84	2126877.66	603.39	103	map	lidar
229	6083082.87	2126921.01	611.13	36652	map	lidar
230	6083045.79	2127010.13	639.93	22663	map	lidar