

ELGIN O'HARE - WEST BYPASS STUDY

FAA 7460 SUBMITTAL- CRITICAL POINTS FOR HEIGHT RESTRICTIONS

Point #	Latitude	Longitude	Northing	Easting	Prop. Elevation	17' add. height for Interstate Highway	23' add. height for RR (transit in the median)	30' add. height for Highway Lighting	Prop. Maximum Elevation	Sheet #
9L-PT0	N 42 00 10.264159	W 87 55 36.752939	1943891.17	1094725.50	668.0	-	-	-	668.0	1-2
9L-PT1A	N 42 00 10.172874	W 87 55 59.160819	1943873.96	1093033.74	658.0	17	-	30	688.0	1-2
9L-PT1B	N 42 00 10.178065	W 87 56 00.650448	1943873.96	1092921.27	658.0	-	23	-	681.0	1-2
9L-PT2	N 42 00 16.480761	W 87 55 51.353298	1944515.23	1093620.21	655.0	17	-	30	685.0	1-2
9L-PT3	N 42 00 01.960735	W 87 56 08.735601	1943039.33	1092314.70	652.0	17	-	30	682.0	1-2
9C-PT0	N 41 59 17.880126	W 87 55 53.749358	1938582.62	1093467.14	668.3	-	-	-	668.3	3-4
9C-PT1A	N 41 59 17.878884	W 87 56 15.463917	1938574.86	1091827.31	662.0	17	-	30	692.0	3-4
9C-PT1B	N 41 59 17.901304	W 87 56 16.666545	1938576.71	1091736.48	662.0	-	23	-	685.0	3-4
9C-PT2	N 41 59 24.908715	W 87 56 15.558762	1939286.41	1091816.86	665.0	17	-	30	695.0	3-4
9C-PT3	N 41 59 10.714762	W 87 56 15.646921	1937849.62	1091816.84	658.0	17	-	30	688.0	3-4
9R-PT0	N 41 59 02.016351	W 87 55 53.597642	1936976.89	1093486.13	668.2	-	-	-	668.2	5-6
9R-PT1A	N 41 59 01.999084	W 87 56 16.192920	1936967.20	1091779.68	658.0	17	-	30	688.0	5-6
9R-PT1B	N 41 59 01.998933	W 87 56 17.296694	1936966.80	1091696.32	658.0	-	23	-	681.0	5-6
9R-PT2	N 41 59 01.988322	W 87 56 15.592770	1936966.32	1091825.01	658.0	17	-	30	688.0	5-6
9R-PT3	N 41 59 09.114040	W 87 56 15.674443	1937687.58	1091815.51	657.0	17	-	30	687.0	5-6
9R-PT4	N 41 58 55.438160	W 87 56 10.931300	1936304.92	1092180.13	657.0	17	-	30	687.0	5-6 ***
9R-PT5	N 41 58 52.397560	W 87 56 20.394630	1935993.84	1091466.83	692.0	17	-	30	722.0	5-6 ***
9R-PT6	N 41 58 53.115860	W 87 56 16.339780	1936067.96	1091772.74	689.0	17	-	30	719.0	5-6 ***
9R-PT7	N 41 58 55.614230	W 87 56 6.089550	1936324.44	1092545.72	660.0	17	-	30	690.0	5-6 ***
10L-PT0	N 41 58 08.409480	W 87 55 53.497295	1931550.67	1093519.16	672.1	-	-	-	672.1	7-8
10L-PT1	N 41 58 08.406145	W 87 56 16.752828	1931542.16	1091762.43	669.0	17	-	30	699.0	7-8
10L-PT2	N 41 58 11.926761	W 87 56 16.716497	1931898.54	1091763.53	671.0	17	-	30	701.0	7-8
10L-PT3	N 41 58 15.504709	W 87 56 16.546367	1932260.77	1091774.71	669.5	17	-	30	699.5	7-8
10L-PT4	N 41 58 01.071862	W 87 56 16.385958	1930799.89	1091793.57	663.0	17	-	30	693.0	7-8
10C-PT0	N 41 57 56.528126	W 87 55 53.452421	1930348.02	1093528.19	669.3	-	-	-	669.3	9-10
10C-PT1	N 41 57 56.519139	W 87 56 15.955574	1930339.20	1091828.21	660.0	17	-	30	690.0	9-10
10C-PT2	N 41 58 03.762068	W 87 56 16.588405	1931072.13	1091777.02	665.5	17	-	30	695.5	9-10
10C-PT3	N 41 57 49.470876	W 87 56 14.993302	1929626.09	1091904.20	668.0	17	-	30	698.0	9-10
10C-PT4	N 41 57 49.212870	W 87 56 17.529360	1929599.09	1091712.73	672.0	17	-	30	702.0	9-10
10R-PT0	N 41 57 25.948668	W 87 55 40.300223	1927257.36	1094536.41	680.0	-	-	-	680.0	11-12
10R-PT1	N 41 57 25.903953	W 87 56 05.508595	1927243.90	1092631.83	656.0	17	-	30	686.0	11-12
10R-PT2	N 41 57 25.905477	W 87 56 04.695660	1927244.34	1092693.25	656.0	17	-	30	686.0	11-12
10R-PT3	N 41 57 32.080100	W 87 56 05.471443	1927869.08	1092631.73	668.0	17	-	30	698.0	11-12
10R-PT4	N 41 57 34.017250	W 87 56 10.986321	1928063.23	1092214.16	682.0	17	-	30	712.0	11-12
4R"E"-PT0	N 41 57 11.934247	W 87 53 57.955747	1925876.65	1102276.16	661.2	-	-	-	661.2	13-14
4R"E"-PT1	N 41 56 49.067782	W 87 54 25.049228	1923551.77	1100240.52	691.0	17	-	30	721.0	13-14
4R"E"-PT2	N 41 56 55.115922	W 87 54 34.385558	1924160.48	1099531.98	696.5	17	-	30	726.5	13-14
4R"E"-PT3	N 41 56 41.472184	W 87 54 17.098400	1922785.92	1100845.18	686.5	17	-	30	716.5	13-14
4R"F"-PT0	N 41 57 11.934247	W 87 53 57.955747	1925876.65	1102276.16	661.2	-	-	-	661.2	15-16
4R"F"-PT1	N 41 57 00.146278	W 87 54 11.923742	1924678.12	1101226.74	665.0	17	-	30	695.0	15-16
4R"F"-PT2	N 41 57 03.029531	W 87 54 21.742793	1924966.26	1100483.33	669.0	17	-	30	699.0	15-16
4R"F"-PT3	N 41 56 57.433706	W 87 54 03.233690	1924406.85	1101884.77	662.0	17	-	30	692.0	15-16
4R"G"-PT0	N 41 57 11.934247	W 87 53 57.955747	1925876.65	1102276.16	661.2	-	-	-	661.2	17-18
4R"G"-PT1	N 41 57 02.698791	W 87 54 08.899385	1924937.64	1101453.97	660.5	17	-	30	690.5	17-18
4R"G"-PT2	N 41 57 03.952684	W 87 54 20.267759	1925060.26	1100594.32	655.0	17	-	30	685.0	17-18
4R"G"-PT3	N 41 57 02.020906	W 87 53 59.248592	1924872.70	1102183.55	665.0	17	-	30	695.0	17-18
28L-PT0	N 41 57 26.090425	W 87 54 01.038365	1927308.40	1102036.00	655.6	-	-	-	655.6	19-20

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28L-PT1	N 41 57 18.146070	W 87 53 31.742213	1926515.54	1104253.59	651.0	17	-	30	681.0	19-20
28L-PT2	N 41 57 20.699762	W 87 53 25.307248	1926776.54	1104738.46	665.0	17	-	30	695.0	19-20
14L-PT0	N 42 00 08.784556	W 87 54 55.346009	1943756.45	1097852.47	652.6	-	-	-	652.6	21-22
14L-PT1	N 42 00 43.522902	W 87 55 34.446085	1947258.57	1094883.66	677.0	17	23	30	707.0	21-22
14L-PT2	N 42 00 44.348553	W 87 55 35.409039	1947341.80	1094810.57	677.0	17	23	30	707.0	21-22
14L-PT3	N 42 00 45.649693	W 87 55 36.848645	1947472.99	1094701.27	705.0	17	23	30	735.0	21-22
14L-PT4	N 42 00 47.908798	W 87 55 35.050668	1947702.31	1094835.91	710.0	17	23	30	740.0	21-22
14L-PT5	N 42 00 31.725328	W 87 55 39.428232	1946062.59	1094513.22	683.0	17	23	30	713.0	21-22
14L-PT6	N 42 00 52.361059	W 87 55 23.931569	1948156.99	1095673.11	696.0	17	-	30	726.0	21-22
14L-PT7	N 42 00 48.643808	W 87 55 20.880509	1947781.82	1095905.23	673.0	17	-	30	703.0	21-22
14L-PT8	N 42 00 54.613724	W 87 55 38.924027	1948379.62	1094540.30	690.0	17	23	30	720.0	21-22
14R-PT0	N 41 59 25.566818	W 87 55 59.300838	1939358.73	1093044.27	665.5	-	-	-	665.5	23-24
14R-PT1A	N 41 59 39.317293	W 87 56 14.829080	1940745.15	1091865.22	642.0	17	-	30	672.0	23-24
14R-PT1B	N 41 59 40.322412	W 87 56 15.979913	1940846.49	1091777.85	642.0	-	23	-	665.0	23-24
14R-PT2	N 41 59 38.701697	W 87 56 14.133789	1940683.08	1091918.01	642.0	17	-	30	672.0	23-24
14R-PT3	N 41 59 29.818899	W 87 56 15.029766	1939783.62	1091854.51	666.0	17	-	30	696.0	23-24
14R-PT4	N 41 59 28.768466	W 87 56 13.430744	1939677.85	1091975.75	648.0	17	-	30	678.0	23-24
14R-PT5	N 41 59 43.377701	W 87 56 19.415541	1941154.56	1091517.00	662.0	17	-	30	692.0	23-24

*** Proposed elevations need to be coordinated with OMP West Terminal design