PROJECT: MUS-70-10.66

PID: 93006

PROJECT GROUND COORDINATES - US SURVEY FEET / PROJECT CONTROL POINTS

Project coordinates (U.S. Survey Feet) are relative to State Plane Grid coordinates (meters) by a Project Adjustment Factor of: 3.28097887

NAME	C/L of Construction IR 70 STATION	OFFSET (US FT)	RT/LT	used for alignment NORTH (US FT)	EAST (US FT)	ELEVATION (US FT)	FEATURE	DESCRIPTION
SV100	532+36.82	0.05	RT	710336.460	2100335.031	729.35	IPIN	1" FOUND
SV201	537+68.50	-0.47	LT	710380.623	2100862.695	734.21	CMONS	CONCRETE MONUMENT SET
SV202	545+23.34	3.79	RT	710353.878	2101618.304	733.54	CMONS	CONCRETE MONUMENT SET
SV203	597+83.28	50.73	RT	708893.391	2106615.321	731.18	CMONS	CONCRETE MONUMENT SET
SV204	606+91.57	49.06	RT	708666.539	2107507.164	733.60	CMONS	CONCRETE MONUMENT SET
SV205	671+19.13	-3.45	LT	709550.108	2113589.330	803.71	CMONS	CONCRETE MONUMENT SET
SV206	679+60.70	-0.22	RT	709879.162	2114362.564	826.09	CMONS	CONCRETE MONUMENT SET
SV1000	535+24.70	75.60	RT	710290.915	2100627.256	730.96	CNPT	3/4" IRON PIN SET
SV1001	538+29.40	70.47	RT	710311.635	2100927.367	733.18	CNPT	3/4" IRON PIN SET
SV1002	542+16.68	63.57	RT	710315.291	2101310.089	733.88	CNPT	3/4" IRON PIN SET
SV1003	545+20.66	59.64	RT	710298.536	2101610.322	732.26	CNPT	3/4" IRON PIN SET
SV1004	547+54.32	53.78	RT	710277.641	2101840.779	730.10	CNPT	3/4" IRON PIN SET
SV1005	550+63.01	50.57	RT	710231.167	2102143.093	724.48	CNPT	3/4" IRON PIN SET
SV1006	554+91.72	48.35	RT	710137.529	2102557.557	721.05	CNPT	3/4" IRON PIN SET
SV1007	557+91.76	60.79	RT	710041.256	2102840.317	716.82	CNPT	3/4" IRON PIN SET
SV1008	560+81.45	58.00	RT	709959.581	2103118.267	710.80	CNPT	FOUND DLZ PIN
SV1009	563+79.02	65.07	RT	709866.770	2103402.486	707.29	CNPT	3/4" IRON PIN SET
SV1010	566+36.63	59.86	RT	709808.171	2103656.966	705.06	CNPT	FOUND DLZ PIN
SV1011	569+62.43	54.78	RT	709753.254	2103982.210	703.17	CNPT	3/4" IRON PIN SET
SV1012	572+91.18	52.06	RT	709712.992	2104309.528	702.07	CNPT	3/4" IRON PIN SET
SV1013	575+88.02	48.79	RT	709678.571	2104602.373	704.63	CNPT	3/4" IRON PIN SET
SV1014	578+61.83	49.06	RT	709642.051	2104874.804	709.04	CNPT	3/4" IRON PIN SET
SV1015	580+38.65	49.83	RT	709611.522	2105046.254	712.20	CNPT	3/4" IRON PIN SET
SV1016	583+41.03	52.83	RT	709534.133	2105332.823	717.78	CNPT	3/4" IRON PIN SET
SV1017	587+29.91	42.62	RT	709403.908	2105692.206	725.71	CNPT	FOUND DLZ PIPE
SV1018	597+32.17	45.19	RT	708919.562	2106570.092	732.32	CNPT	FOUND DLZ PIPE
SV1019	599+51.02	46.76	RT	708833.768	2106775.190	727.50	CNPT	3/4" IRON PIN SET
SV1020	601+68.65	51.48	RT	708761.180	2106984.305	724.37	CNPT	3/4" IRON PIN SET
SV1021	603+16.22	63.39	RT	708712.543	2107127.231	726.54	CNPT	3/4" IRON PIN SET
SV1022	605+20.28	87.72	RT	708649.566	2107328.414	730.60	CNPT	3/4" IRON PIN SET
SV1023	606+91.26	109.51	RT	708606.377	2107501.276	728.67	CNPT	3/4" IRON PIN SET
SV1024	608+69.19	47.69	RT	708656.688	2107687.224	737.28	CNPT	3/4" IRON PIN SET
SV1025	610+19.95	46.13	RT	708654.159	2107838.548	740.72	CNPT	3/4" IRON PIN SET
SV1026	612+70.85	47.40	RT	708646.932	2108089.348	746.07	CNPT	3/4" IRON PIN SET
SV1027	615+50.65	46.88	RT	708640.807	2108369.087	753.60	CNPT	3/4" IRON PIN SET
SV1028	617+45.90	46.83	RT	708636.215	2108564.285	757.95	CNPT	3/4" IRON PIN SET
SV1029	620+59.84	45.75	RT	708627.457	2108876.582	766.46	CNPT	3/4" IRON PIN SET
SV1030	623+78.05	45.18	RT	708599.363	2109190.315	774.75	CNPT	3/4" IRON PIN SET
SV1031	627+82.53	56.51	RT	708520.581	2109582.508	785.98	CNPT	3/4" IRON PIN SET
SV1032	631+85.21	52.95	RT	708422.967	2109969.104	799.79	CNPT	3/4" IRON PIN SET
SV1033	635+80.40	52.94	RT	708327.069	2110358.042	813.94	CNPT	3/4" IRON PIN SET
SV1034	639+75.22	43.50	RT	708292.770	2110757.830	825.28	CNPT	3/4" IRON PIN SET
SV1035	644+33.87	43.65	RT	708311.150	2111222.593	836.53	CNPT	3/4" IRON PIN SET
SV1036	648+77.10	43.80	RT	708399.108	2111663.450	839.20	CNPT	3/4" IRON PIN SET
SV1037	652+69.20	46.50	RT	708530.431	2112039.139	834.66	CNPT	3/4" IRON PIN SET
SV1038	656+62.07	46.32	RT	708714.828	2112392.892	824.09	CNPT	3/4" IRON PIN SET
SV1039	660+59.99	46.89	RT	708932.486	2112727.912	810.09	CNPT	3/4" IRON PIN SET
SV1040	665+21.17	45.97	RT	709187.325	2113112.290	797.54	CNPT	3/4" IRON PIN SET
SV1041	666+76.44	45.23	RT	709273.480	2113241.460	796.04	CNPT	3/4" IRON PIN SET
SV1042	670+79.55	54.96	RT	709479.881	2113584.152	800.45	CNPT	3/4" IRON PIN SET
SV1043	674+85.89	63.85	RT	709653.842	2113944.438	811.44	CNPT	3/4" IRON PIN SET
SV1044	678+93.22	72.19	RT	709789.931	2114320.730	821.83	CNPT	3/4" IRON PIN SET
SV1045	683+01.31	79.36	RT	709887.197	2114708.773	833.24	CNPT	3/4" IRON PIN SET
SV1046	687+03.90	80.81	RT	709959.049	2115102.308	844.33	CNPT	3/4" IRON PIN SET
SV1050	577+88.38	95.45	RT	708853.615	2113249.479	798.78	CNPT	3/4" IRON PIN SET

STATE PLANE GRID COORDINATES

Horiz. Datum: NAD83 (2011) State Plane, Ohio South (3402) Vert. Datum: NAVD88

SV100 defined by GPS from CORS using Geoid 12A. All other elevations are established by leveling from SV100.

NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)
SV100	216501.3819	640155.0004	222.305	710304.9505	2100241.8639
SV201	216514.8423	640315.8258	223.788	710349.1117	2100769.5052
SV202	216506.6907	640546.1255	223.583	710322.3678	2101525.0801
SV203	216061.5531	642069.1519	222.863	708861.9456	2106521.8760
SV204	215992.4116	642340.9741	223.600	708635.1037	2107413.6791
SV205	216261.7121	644194.7398	244.972	709518.8338	2113495.5754
SV206	216362.0036	644430.4116	251.793	709847.6735	2114268.7754
SV1000	216487.5004	640244.0669	222.796	710259.4076	2100534.0763
SV1001	216493.8158	640335.5369	223.474	710280.1274	2100834.1741
SV1002	216494.9299	640452.1855	223.687	710283.7826	2101216.8786
SV1003	216489.8233	640543.6927	223.193	710267.0288	2101517.0986
SV1004	216483.4548	640613.9330	222.534	710246.1348	2101747.5452
SV1005	216469.2901	640706.0745	220.823	710199.6627	2102049.8460
SV1006	216440.7505	640832.3978	219.777	710106.0288	2102464.2918
SV1007	216411.4077	640918.5794	218.487	710009.7602	2102747.0392
SV1008	216386.5142	641003.2948	216.652	709928.0887	2103024.9763
SV1009	216358.2285	641089.9211	215.582	709835.2815	2103309.1827
SV1010	216340.3663	641167.4833	214.902	709776.6852	2103563.6516
SV1011	216323.6262	641266.6136	214.327	709721.7702	2103888.8815
SV1012	216311.3569	641366.3759	213.990	709681.5100	2104216.1849
SV1013	216300.8858	641455.6314	214.772	709647.0907	2104509.0173
SV1014	216289.7350	641538.6646	216.116	709610.5723	2104781.4356
SV1015	216280.4303	641590.9206	217.076	709580.0451	2104952.8787
SV1016	216256.8432	641678.2631	218.780	709502.6599	2105239.4348
SV1017	216217.1523	641787.7983	221.198	709372.4405	2105598.8016
SV1018	216069.5297	642055.3665	223.211	708888.1154	2106476.6483
SV1019	216043.3869	642117.8778	221.742	708802.3452	2106681.7375
SV1020	216021.2571	642181.6135	220.790	708729.7411	2106890.8436
SV1021	216006.4329	642225.1755	221.450	708681.1054	2107033.7633
SV1022	215987.2386	642286.4935	222.687	708618.1319	2107234.9375
SV1023	215974.0749	642339.1795	222.101	708574.9441	2107407.7915
SV1024	215989.4092	642395.8542	224.724	708625.2535	2107593.7315
SV1025	215988.6383	642441.9756	225.771	708622.7243	2107745.0482
SV1026	215986.4356	642518.4162	227.401	708615.4981	2107995.8371
SV1027	215984.5689	642603.6771	229.698	708609.3730	2108275.5640
SV1028	215983.1692	642663.1708	231.024	708604.7808	2108470.7527
SV1029	215980.4996	642758.3551	233.616	708596.0232	2108783.0367
SV1030	215971.9374	642853.9767	236.145	708567.9313	2109096.7551
SV1031	215947.9256	642973.5122	239.567	708489.1526	2109488.9313
SV1032	215918.1741	643091.3417	243.776	708391.5428	2109875.5101
SV1033	215888.9515	643209.8848	248.091	708295.6685	2110264.4303
SV1034	215878.4915	643331.7351	251.547	708261.3510	2110664.2010
SV1035	215884.0936	643473.3888	254.974	708279.7304	2111128.9432
SV1036	215910.9022	643607.7564	255.766	708367.6848	2111569.7807
SV1037	215950.9277	643722.2614	254.404	708499.0021	2111945.4527
SV1038	216007.1296	643830.0808	251.184	708683.3910	2112299.1902
SV1039	216073.4690	643932.1908	246.914	708901.0395	2112634.1958
SV1040	216151.1405	644049.3441	243.091	709155.8666	2113018.5564
SV1041	216177.3995	644088.7134	242.634	709242.0182	2113147.7206
SV1042	216240.3077	644193.1617	243.979	709448.4094	2113490.3979
SV1043	216293.3288	644302.9720	247.326	709622.3629	2113850.6673
SV1044	216334.8069	644417.6611	250.494	709758.4457	2114226.9430
SV1045	216364.4526	644535.9315	253.972	709855.7082	2114614.9686
SV1046	216386.3521	644655.8759	257.353	709927.5569	2115008.4860
SV1050	216049.4301	644091.1576	243.468	708822.1718	2113155.7394

MONUMENTS TO BE SET DURING CONSTRUCTION

ITEM 623.05 MONUMENT ASSEMBLY	ITEM 623.05 REFERENCE MONUMENT

EXISTING MONUMENTATION CENTERLINE OF RIGHT OF WAY INTERSTATE 70- / EXISTING CENTERLINE CONTROL POINTS

NAME	STATION	OFFSET (US FT)	RT/LT	NORTH (US FT)	EAST (US FT)	ELEVATION (US FT)	FEATURE	DESCRIPTION
SV4	33+99.62	0.01	RT	710207.998	2116022.437		CMON	MUS-40-12.84
SV5	28+99.69	0.02	LT	710118.834	2115530.514		CMON	MUS-40-12.84
SV6	21+69.43	0.01	RT	709988.535	2114811.981		CMON	MUS-40-12.84
SV100	66+97.26	0.05	RT	710336.460	2100335.031		IPIN	S.R.40-9.66
SV103	34+44.04	0.02	RT	709921.131	2097127.067		IPIN	S.R.40-9.66
SV104	60+00.85	0.06	LT	710249.536	2099662.693		IPIN	S.R.40-9.66
SV1850	48+99.88	0.03	LT	710466.887	2117499.767		CMON	MUS-40-12.84
SV1851	43+99.52	0.04	RT	710386.345	2117006.294		CMON	MUS-40-12.84
SV1852	38+99.56	0.00	RT	710297.196	2116514.353		CMON	MUS-40-12.84
SV1853	53+99.72	0.04	RT	710530.001	2117995.584		CMON	MUS-40-12.84
SV1854	58+99.53	0.08	RT	710575.791	2118493.267		CMON	MUS-40-12.84
SV1855	75+62.54	0.00	RT	710624.698	2120153.531		CMON	MUS-40-12.84
SV1856	85+00.21	0.00	RT	710749.386	2121080.634		CMON	MUS-40-12.84
SV1857	89+99.50	0.11	RT	710904.934	2121554.730		CMON	MUS-40-12.84
SV1858	94+99.52	0.02	RT	711120.125	2122005.708		CMON	MUS-40-12.84
SV1859	99+70.90	0.00	RT	711374.064	2122402.496		CMON	MUS-40-12.84
SV600	909+99.99	36.00	RT	709449.420	2108559.964		CMON	MUS-60-(16.88)(17.41)
SV601	910+00.00	35.95	LT	709457.957	2108488.525		CMON	MUS-60-(16.88)(17.41)
SV602	904+13.10	36.00	LT	708870.251	2108436.077		CMON	MUS-60-(16.88)(17.41)
SV603	N/A			707532.726	2108382.802		CMON	MUS-60-(16.88)(17.41)
SV604	894+22.14	36.00	RT	707877.887	2108485.103		CMON	MUS-60-(16.88)(17.41)
SV605	N/A			707619.290	2108475.075		CMON	MUS-60-(16.88)(17.41)
SV24024	956+99.90	36.00	RT	711845.341	2105380.877		CMON	MUS-60-(16.88)(17.41)
SV24027	950+50.00	35.91	LT	711737.627	2106025.856		CMON	MUS-60-(16.88)(17.41)
SV24028	944+24.95	36.00	RT	711776.122	2106653.862		CMON	MUS-60-(16.88)(17.41)
SV24029	944+24.99	36.00	LT	711704.228	2106649.961		CMON	MUS-60-(16.88)(17.41)
SV24030	N/A			711755.611	2107257.201		CMON	MUS-60-(16.88)(17.41)
SV24031	N/A			711671.742	2107252.698		CMON	MUS-60-(16.88)(17.41)

Horiz. Datum: NAD83 (2011) State Plane, Ohio South (3402) Vert. Datum: NAVD88

NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)
SV4	216462.2286	644936.3192	0.000	710176.495	2115928.574
SV5	216435.0523	644786.3875	0.000	710087.334	2115436.673
SV6	216395.3389	644567.3880	0.000	709957.041	2114718.172
SV100	216501.3819	640155.0004	0.000	710304.950	2100241.864
SV103	216374.7950	639177.2547	0.000	709889.640	2097034.043
SV104	216474.8888	639950.0806	0.000	710218.031	2099569.556
SV1850	216541.1345	645388.5905	0.000	710435.372	2117405.839
SV1851	216516.5864	645236.1863	0.000	710354.834	2116912.388
SV1852	216489.4150	645086.2491	0.000	710265.689	2116420.469
SV1853	216560.3707	645537.7091	0.000	710498.483	2117901.834
SV1854	216574.3269	645689.3965	0.000	710544.271	2118399.295
SV1855	216589.2942	646195.4234	0.000	710593.376	2120059.485
SV1856	216627.2367	646477.9925	0.000	710717.859	2120986.547
SV1857	216674.8457	646622.4908	0.000	710873.400	2121460.822
SV1858	216740.2330	646759.9431	0.000	711088.581	2121911.580
SV1859	216817.6304	646880.8788	0.000	711342.509	2122308.350
SV600	216231.0236	642661.8538	0.000	709417.950	2108466.432
SV601	216233.8257	642640.0804	0.000	709426.487	2108394.997
SV602	216054.5005	642624.0948	0.000	708838.807	2108342.551
SV603	215646.8400	642607.8571	0.000	707501.341	2108289.276
SV604	215752.0406	642639.0374	0.000	707846.487	2108391.575
SV605	215673.2236	642635.9808	0.000	707587.901	2108381.547
SV24024	216961.2695	641692.9091	0.000	711813.765	2105287.486
SV24027	216928.5007	641889.4906	0.000	711706.256	2105932.437
SV24028	216940.1724	642080.8988	0.000	711744.549	2106560.415
SV24029	216918.2800	642079.7098	0.000	711672.858	2106556.514
SV24030	216933.9210	642264.7885	0.000	711724.039	2107163.727
SV24031	216908.3589	642263.4160	0.000	711640.174	2107159.224

HORIZONTAL SCALE IN FEET

PID NO. 93006

R/W DESIGNER CS
R/W REVIEWER LW

CENTERLINE PLAT MONUMENT TABLE

MUS-70-10.49

I:\ProjectData\MUS\93006\400-Engineering\RW\Sheets\93006-RP002.dgn Sheet 12/30/2020 8:39:01 AM bharlow