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PROJECT: MUS-70-10.66										PID: 93006																	
PROJECT GROUND COORDINATES - US SURVEY FEET										STATE PLANE GRID COORDINATES										MONUMENTS TO BE SET DURING CONSTRUCTION							
Project coordinates (U.S. Survey Feet) are relative to State Plane Grid coordinates (meters) by a Project Adjustment Factor of: 3.28097887										Horiz. Datum: NAD83 (2011) State Plane, Ohio South (3402) Vert. Datum: NAVD88										ITEM 623.05 MONUMENT ASSEMBLY	ITEM 623.05 REFERENCE MONUMENT						
used for alignment										SV100 defined by GPS from CORS using Geoid 12A. All other elevations are established by leveling from SV100.																	
NAME	C/L of Construction IR 70				NORTH (US FT)		EAST (US FT)		ELEVATION (US FT)	FEATURE	DESCRIPTION										NAME	NORTH (m)		EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)
SV100	532+36.82	0.05	RT		710336.460	2100335.031		720.35		IPIN	1" FOUND	SV100	216501.3819	640155.0004	222.305	710304.9505	2100241.8639										
SV201	537+88.90	-0.47	LT		710380.623	2100862.895		734.21		CMONS	CONCRETE MONUMENT SET	SV201	216514.8423	640315.8258	223.788	710349.1117	2100769.5052										
SV202	545+23.34	3.79	RT		710353.878	2101818.304		733.54		CMONS	CONCRETE MONUMENT SET	SV202	216506.6907	640546.1255	223.583	710322.3678	2101525.0801										
SV203	597+83.28	50.73	RT		708883.391	2106815.321		731.18		CMONS	CONCRETE MONUMENT SET	SV203	216061.5531	642069.1519	222.863	708861.9456	2106521.8760										
SV204	606+91.57	49.06	RT		708886.539	2107507.164		733.80		CMONS	CONCRETE MONUMENT SET	SV204	215892.4116	642340.9741	223.900	708635.1037	2107413.6791										
SV205	671+19.13	-3.45	LT		709550.108	2113580.330		803.71		CMONS	CONCRETE MONUMENT SET	SV205	216261.7121	644194.7308	244.972	709518.8338	2113495.5754										
SV206	679+60.70	-0.22	RT		708879.162	2114362.564		828.08		CMONS	CONCRETE MONUMENT SET	SV206	216362.0036	644430.4116	251.793	709847.6735	2114268.7754										
SV1000	535+24.70	75.00	RT		710290.915	2100627.256		730.18		CNPT	3/4" IRON PIN SET	SV1000	216487.5004	640244.0669	222.706	710259.4076	2100534.0763										
SV1001	538+29.40	70.47	RT		710311.635	2100927.367		733.88		CNPT	3/4" IRON PIN SET	SV1001	216493.8158	640335.5369	223.474	710280.1274	2100834.1741										
SV1002	542+16.68	63.57	RT		710315.291	2101310.089		732.26		CNPT	3/4" IRON PIN SET	SV1002	216494.9299	640452.1855	223.687	710283.7826	2101216.8786										
SV1003	545+20.66	59.64	RT		710288.536	2101610.322		730.10		CNPT	3/4" IRON PIN SET	SV1003	216489.8233	640543.8627	223.193	710267.0286	2101517.0606										
SV1004	547+54.32	53.78	RT		710277.641	2101840.779		724.48		CNPT	3/4" IRON PIN SET	SV1004	216483.4546	640613.9330	222.534	710246.1348	2101747.5452										
SV1005	550+83.01	50.57	RT		710231.187	2102143.093		721.05		CNPT	3/4" IRON PIN SET	SV1005	216499.2901	640706.0745	220.823	710199.8627	2102049.8460										
SV1006	554+91.72	48.35	RT		710137.529	2102557.557		716.82		CNPT	3/4" IRON PIN SET	SV1006	216440.7505	640632.3678	219.777	710106.0288	2102464.2918										
SV1007	557+91.76	60.79	RT		710041.256	2102840.317		710.80		CNPT	FOUND DLZ PIN	SV1007	216411.4077	640918.5794	218.487	710009.7602	2102747.0362										
SV1008	560+81.45	58.00	RT		709959.581	2103116.267		707.29		CNPT	3/4" IRON PIN SET	SV1008	216386.5142	641003.2948	216.852	709928.0887	2103024.9763										
SV1009	563+79.02	65.07	RT		709866.770	2103402.486		705.06		CNPT	FOUND DLZ PIN	SV1009	216358.2285	641089.9211	215.582	709835.2815	2103309.1827										
SV1010	566+36.83	59.86	RT		709806.171	2103856.966		703.17		CNPT	3/4" IRON PIN SET	SV1010	216340.3663	641167.4833	214.902	709776.6852	2103563.6516										
SV1011	569+62.43	54.78	RT		709753.254	2103962.210		702.07		CNPT	3/4" IRON PIN SET	SV1011	216323.6282	641266.6136	214.327	709721.7702	2103888.8815										
SV1012	572+91.18	52.06	RT		709712.992	2104309.528		704.63		CNPT	3/4" IRON PIN SET	SV1012	216311.3589	641386.3759	213.960	709681.5100	2104216.1849										
SV1013	575+88.02	48.79	RT		709678.571	2104602.373		708.04		CNPT	3/4" IRON PIN SET	SV1013	216300.8858	641455.6314	214.772	709647.0907	2104509.0173										
SV1014	578+61.83	48.06	RT		709642.051	2104874.804		712.20		CNPT	3/4" IRON PIN SET	SV1014	216289.7350	641536.6646	216.116	709610.5723	2104781.4356										
SV1015	580+36.65	49.83	RT		709611.522	2105046.254		717.78		CNPT	3/4" IRON PIN SET	SV1015	216280.4303	641590.6206	217.076	709580.0451	2104952.8787										
SV1016	583+41.03	52.83	RT		709534.133	2105332.823		725.71		CNPT	FOUND DLZ PIPE	SV1016	216256.8432	641678.2631	218.780	709502.9599	2105230.4348										
SV1017	587+29.91	42.62	RT		709403.906	2105592.206		732.50		CNPT	FOUND DLZ PIPE	SV1017	216217.1523	641787.7983	221.196	709372.4405	2105588.8016										
SV1018	597+32.17	45.19	RT		708919.562	2106570.062		727.50		CNPT	3/4" IRON PIN SET	SV1018	216069.5297	642055.3665	223.211	708888.1154	2106476.6483										
SV1019	599+51.02	46.76	RT		708833.786	2106775.190		724.37		CNPT	3/4" IRON PIN SET	SV1019	216043.3869	642117.8778	221.742	708802.3452	2106681.7375										
SV1020	601+88.65	51.48	RT		708781.180	2106984.305		726.54		CNPT	3/4" IRON PIN SET	SV1020	216021.2571	642181.6135	220.790	708729.7411	2106890.8436										
SV1021	603+16.22	63.39	RT		708712.543	2107127.231		730.60		CNPT	3/4" IRON PIN SET	SV1021	216006.4329	642225.1755	221.450	708681.1054	2107033.7633										
SV1022	605+20.28	87.72	RT		708649.566	2107328.414		728.67		CNPT	3/4" IRON PIN SET	SV1022	215967.2366	642286.4935	222.687	708618.1319	2107234.9375										
SV1023	606+91.26	109.51	RT		708606.377	2107501.276		728.67		CNPT	3/4" IRON PIN SET	SV1023	215974.0749	642339.1795	222.101	708574.9441	2107407.7915										
SV1024	608+69.19	47.69	RT		708565.686	2107687.224		737.28		CNPT	3/4" IRON PIN SET	SV1024	215969.4062	642395.8542	224.724	708525.2535	2107593.7315										
SV1025	610+19.95	46.13	RT		708654.159	2107838.548		740.72		CNPT	3/4" IRON PIN SET	SV1025	215966.6363	642441.6756	225.771	708622.7243	2107745.0482										
SV1026	612+70.85	47.40	RT		708646.032	2108069.348		746.07		CNPT	3/4" IRON PIN SET	SV1026	215966.4356	642516.4162	227.401	708615.4981	2107995.8371										
SV1027	615+50.65	46.88	RT		708640.807	2108369.087		753.90		CNPT	3/4" IRON PIN SET	SV1027	215964.5689	642603.6771	229.698	708609.3730	2108275.5640										
SV1028	617+45.90	46.83	RT		708636.215	2108564.285		757.95		CNPT	3/4" IRON PIN SET	SV1028	215963.1662	642683.1708	231.024	708604.7808	2108470.7527										
SV1029	620+59.84	45.75	RT		708627.457	2108876.582		766.48		CNPT	3/4" IRON PIN SET	SV1029	215960.4966	642758.3551	233.616	708590.0232	2108783.0367										
SV1030	623+78.05	45.18	RT		708599.383	2109190.315		774.75		CNPT	3/4" IRON PIN SET	SV1030	215971.9374	642853.9767	236.145	708567.9313	2109096.7551										
SV1031	627+82.53	36.51	LT		708520.581	2109582.308		785.38		CNPT	3/4" IRON PIN SET	SV1031	215947.9256	642973.5122	239.567	708489.1528	2109488.9313										
SV1032	631+85.21	52.95	RT		708422.967	2109969.104		813.94		CNPT	3/4" IRON PIN SET	SV1032	215918.1741	643081.3417	243.778	708391.5426	2109875.5101										
SV1033	635+80.40	52.94	RT		708327.069	2110358.042		825.28		CNPT	3/4" IRON PIN SET	SV1033	215888.9515	643209.8848	248.091	708295.6685	2110264.4303										
SV1034	639+75.22	43.50	RT		708292.770	2110757.830		838.53		CNPT	3/4" IRON PIN SET	SV1034	215878.4915	643331.7351	251.547	708261.3510	2110684.2010										
SV1035	644+33.87	43.65	RT		708311.150	2111222.593		839.20		CNPT	3/4" IRON PIN SET	SV1035	215884.0936	643473.3888	254.974	708279.7304	2111128.9432										
SV1036	648+77.10	43.80	RT		708399.106	2111663.450		834.96		CNPT	3/4" IRON PIN SET	SV1036	215810.9022	643607.7564	255.788	708367.6648	2111569.7807										
SV1037	652+69.20	46.50	RT		708530.431	2112039.139		824.09		CNPT	3/4" IRON PIN SET	SV1037	215800.9277	643722.2614	254.404	708499.0021	2111945.4522										
SV1038	656+62.07	46.32	RT		708714.828	2112362.892		810.09		CNPT	3/4" IRON PIN SET	SV1038	216007.1296	643830.0808	251.184	708883.3910	2112299.1902										
SV1039	660+59.99	46.89	RT		708932.486	2112727.912		787.54		CNPT	3/4" IRON PIN SET	SV1039	216073.4860	643932.1908	246.914	708901.0395	2112634.1958										
SV1040	665+21.17	45.97	RT		709187.325	2113112.280		797.04		CNPT	3/4" IRON PIN SET	SV1040	216151.1405	644049.3441	243.091	709155.8606	2113018.5564										
SV1041	666+76.44	45.23	RT		709273.460	2113241.460		800.45		CNPT	3/4" IRON PIN SET	SV1041	216177.3965	644088.7134	242.834	709242.0182	2113147.7206										
SV1042	670+79.55	54.96	RT		709479.881	2113584.152		811.44		CNPT	3/4" IRON PIN SET	SV1042	216240.3077	644193.1617	243.979	709448.4094	2113490.3979										
SV1043	674+85.89	63.85	RT		709653.642	2113844.438		821.83		CNPT	3/4" IRON PIN SET	SV1043	216293.3266	644302.9720	247.326	709622.3629	2113850.6673										
SV1044	678+93.22	72.19	RT		709789.931	2114320.730		821.83		CNPT	3/4" IRON PIN SET	SV1044	216334.8069	644417.6611	250.494	709758.4457	2114226.9430										
SV1045	683+01.31	79.36	RT		709887.167	2114708.773		833.24		CNPT	3/4" IRON PIN SET	SV1045	216394.4526	644535.9315	253.972	709855.7082	2114614.9686										
SV1046	687+03.90	80.81	RT		709959.049	2115102.308		844.33		CNPT	3/4" IRON PIN SET	SV1046	216386.3521	644655.8759	257.353	709927.5569	2115008.4880										
SV1050	577+88.38	95.45	RT		708863.815	2113249.479		798.78		CNPT	3/4" IRON PIN SET	SV1050	216049.4301	644091.1576	243.468	708822.1718	2113155.7394										
EXISTING MONUMENTATION										EXISTING CENTERLINE CONTROL POINTS																	
NAME	STATION	OFFSET (US FT)	RT/LT		NORTH (US FT)	EAST (US FT)	ELEVATION (US FT)	FEATURE		DESCRIPTION	NAME	NORTH (m)		EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)										
SV4	33+99.62	0.01	RT		710207.998	2116022.437				MUS-40-12.84	SV4																