

PROJECT GROUND COORDINATES - US SURVEY FEET								PROJECT CONTROL POINTS	STATE PLANE GRID COORDINATES					MONUMENTS TO BE SET DURING CONSTRUCTION	
PROJECT COORDINATES (FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)								DESCRIPTION	HORIZONTAL DATUM - NAD83(2011), OHIO NORTH ZONE (3401) FROM CORS					ITEM 623E38500	ITEM 623E40500
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.280942490									VERTICAL DATUM NAVD 88 BASE01 DEFINED BY GPS FROM CORS USING GEOID12A					MONUMENT ASSEMBLY	REFERENCE MONUMENT
C/L OF RIGHT OF WAY SR 20			VARIOUS PLATS, DEEDS AND SURVEYS USED FOR ALIGNMENT					DESCRIPTION	ALL OTHER ELEVATIONS ESTABLISHED FROM LEVELING FROM CP01					MONUMENT ASSEMBLY	REFERENCE MONUMENT
NAME	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE		NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)		
CP01	213+69.72	37.36	RT	731616.4360	2287227.2270	692.490	IPID	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP "ODD"	CP01	222989.7166	697125.0590	211.071	731592.0952	2287151.1312	
CP02	217+79.45	35.12	LT	731924.3040	2287507.1340	693.780	IPID	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP "ODD"	CP02	223083.5518	697210.5549	211.465	731899.9530	2287431.6288	
CP03	193+49.14	40.58	LT	730734.4730	2285432.1730	692.810	IPID	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP "ODD"	CP03	222120.9027	696578.1266	211.169	730710.1615	2285356.7369	
PROPOSED MONUMENTATION CL ROW FOR S.R. 20								CENTERLINE ALIGNMENT	HORIZ. DATUM - NAD83(CORS96), OHIO NORTH ZONE					MONUMENTS TO BE SET DURING CONSTRUCTION	
NAME	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	DESCRIPTION	NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)	
CLR#01	202+50.00	0.00	RT	730999.6876	2286294.6605	0.000	MONDXP	P.C., STA. 202+50.00	CLR#01	222801.7376	696840.8217	0.000	730975.3673	2286218.5957	
CLR#02	205+34.55	0.00	RT	731355.6636	2286543.2861	0.000	MONDXP	P.T., STA. 205+34.55	CLR#02	222843.1817	696916.6004	0.000	73111.3388	2286467.2130	
CLR#03	208+37.50	0.00	RT	731320.7871	2286783.0986	0.000	MONDXP	POT, STA. 208+37.50, ACACIA AVENUE STA. 10+00.00	CLR#03	222899.6056	696989.6929	0.000	731296.4561	2286707.0176	
CLR#04	210+01.62	0.00	RT	731421.0754	2286913.0139	0.000	MONDXP	POT, STA. 210+01.62, HART STREET STA. 25+00.00	CLR#04	222930.1725	697029.2899	0.000	731396.7411	2286836.9285	
CLR#05	214+85.30	0.00	RT	731716.6333	2287295.8851	0.000	MONDXP	POT, STA. 214+85.30, MURRAY AVENUE STA. 30+00.00	CLR#05	223020.2558	697145.9854	0.000	731692.2892	2287219.7870	
TOTAL MONUMENTS - QUANTITY CARRIED TO GENERAL SUMMARY ITEM 623											5	0			

PROJECT GROUND COORDINATES - US SURVEY FEET								PROPOSED RIGHT OF WAY MONUMENTS	STATE PLANE GRID COORDINATES					MONUMENTS TO BE RESET AFTER CONSTRUCTION	
PROJECT COORDINATES (US SURVEY FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)								DESCRIPTION	HORIZONTAL DATUM - NAD83(2011), OHIO NORTH ZONE (3401) FROM CORS					ITEM 623E40520	ITEM 623E40520
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.280942490									VERTICAL DATUM NAVD 88 BASE01 DEFINED BY GPS FROM CORS USING GEOID12A					RIGHT OF WAY PIN (TYPE 'B')	BOUNDARY PIN (TYPE 'B')
C/L ROW U.S.R. 20			VARIOUS PLATS, DEEDS AND SURVEYS USED FOR ALIGNMENT					DESCRIPTION	ALL OTHER ELEVATIONS ESTABLISHED FROM LEVELING FROM CP01					RIGHT OF WAY PIN (TYPE 'B')	BOUNDARY PIN (TYPE 'B')
NAME	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE		NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)		
RP01	194+56.93	79.44	RT	730657.7731	2285574.6866	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP01	222697.5253	696621.3805	0.000	730633.4642	2285498.6458	
RP02	194+93.50	54.00	RT	730694.0399	2285600.5481	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP02	222708.5791	696629.2628	0.000	730669.7298	2285524.5084	
RP03	195+72.77	54.00	RT	730720.7397	2285675.1872	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP03	222716.7169	696652.0121	0.000	730696.4287	2285599.1430	
RP04	196+58.75	54.00	RT	730749.7014	2285756.1495	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP04	222725.5441	696676.6886	0.000	730725.3894	2285680.1026	
RP38	196+67.00	38.00	LT	730839.1030	2285732.9260	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP38	222752.7929	696669.6103	0.000	730814.7881	2285656.8799	
RP39	196+67.00	50.00	LT	730850.4019	2285728.8840	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP39	222756.2367	696668.3784	0.000	730826.0866	2285652.8380	
RP40	196+77.00	50.00	LT	730853.7701	2285738.3000	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP40	222757.2633	696671.2483	0.000	730829.4547	2285662.2537	
RP41	196+77.00	38.00	LT	730842.4712	2285742.3420	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP41	222753.8195	696672.4802	0.000	730818.1561	2285666.2956	
RP05	197+90.90	54.00	RT	730794.2094	2285880.5716	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP05	222739.1098	696714.6113	0.000	730769.8959	2285804.5206	
RP06	199+33.06	54.00	RT	730842.0912	2286014.4250	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP06	222753.7037	696755.4085	0.000	730817.7762	2285938.3695	
RP07	201+88.45	40.00	RT	730941.2946	2286250.1820	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP07	222783.9399	696827.2650	0.000	730916.9763	2286174.1187	
RP08	202+50.00	40.00	RT	730962.0248	2286308.1332	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP08	222790.2583	696844.9280	0.000	730937.7058	2286232.0680	
RP09	203+12.68	37.85	RT	730988.1457	2286368.0831	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP09	222798.2197	696863.2002	0.000	730963.8258	2286292.0159	
RP10	203+92.27	42.00	RT	731021.0520	2286444.4722	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP10	222808.2492	696886.4828	0.000	730996.7310	2286368.4024	
RP11	202+50.00	40.00	LT	731037.3504	2286281.1878	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP11	222813.2168	696836.7153	0.000	731013.0289	2286205.1235	
RP12	204+48.53	38.21	RT	731054.0861	2286493.1850	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP12	222818.3177	696901.3300	0.000	731029.7640	2286417.1136	
RP13	204+49.95	54.00	RT	731041.5314	2286502.8767	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP13	222814.4912	696904.2840	0.000	731017.2097	2286426.8050	
RP14	205+14.44	54.00	RT	731080.0903	2286559.2796	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP14	222826.2435	696921.4750	0.000	731055.7673	2286483.2060	
RP15	205+14.44	37.00	RT	731093.7742	2286549.1925	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP15	222830.4143	696918.4006	0.000	731069.4508	2286473.1192	
RP16	205+40.48	37.00	RT	731110.0027	2286570.5948	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP16	222835.3606	696924.9238	0.000	731085.6787	2286494.5208	
RP17	205+40.50	40.00	RT	731107.6395	2286572.4429	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP17	222834.6403	696925.4871	0.000	731083.3156	2286496.3689	
RP18	206+20.69	40.00	RT	731156.6388	2286635.9175	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP18	222849.5748	696944.8335	0.000	731132.3133	2286559.8413	
RP19	207+07.60	40.00	RT	731209.7484	2286704.7167	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP19	222865.7621	696965.8029	0.000	731185.4211	2286626.6383	
RP20	207+89.97	40.00	RT	731260.0801	2286769.9172	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP20	222881.1027	696985.6754	0.000	731235.7511	2286693.6366	
RP21	208+06.48	60.00	RT	731254.3376	2286795.2082	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP21	222879.3525	696993.3638	0.000	731230.0088	2286719.1267	
RP22	205+34.55	40.00	LT	731167.3269	2286518.8436	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP22	222852.8324	696909.1505	0.000	731143.0010	2286442.7713	
RP23	207+03.88	40.00	LT	731270.8021	2286652.8873	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP23	222884.3707	696950.0058	0.000	731246.4728	2286576.8106	
RP42	207+07.78	60.00	LT	731289.0166	2286643.7530	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP42	222889.9223	696947.2217	0.000	731264.6867	2286567.6766	
RP43	207+30.00	60.00	LT	731302.5929	2286661.3400	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP43	222894.0502	696952.5821	0.000	731278.2625	2286585.2630	
RP44	207+30.00	40.00	LT	731286.7613	2286673.5610	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP44	222889.2349	696956.3069	0.000	731262.4315	2286597.4836	
RP24	207+98.16	40.00	LT	731328.4113	2286727.5154	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP24	222901.9294	696972.7517	0.000	731304.0801	2286651.4362	
RP25	208+58.32	40.00	LT	731365.1698	2286775.1330	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP25	222913.1331	696987.2651	0.000	731340.8374	2286699.0522	
RP26	208+58.07	39.00	LT	731364.2270	2286775.5481	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP26	222912.8457	696987.3916	0.000	731339.8946	2286699.4673	
RP27	208+70.98	39.00	RT	731310.3762	2286833.4354	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP27	222896.4325	697005.0351	0.000	731286.0456	2286757.3527	
RP28	209+73.20	40.00	RT	731372.0470	2286894.9614	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP28	222915.2292	697029.8835	0.000	731347.7143	2286838.8760	
RP29	210+70.00	40.00	RT	731431.1960	2286991.5841	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP29	222933.2572	697053.2373	0.000	731406.8614	2286915.4961	
RP30	212+44.80	30.00	RT	731545.9288	2287123.8458	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP30	222968.2266	697093.5494	0.000	731521.5900	2287047.7534	
RP31	209+82.74	39.00	LT	731440.4086	2286874.2352	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED P.S. 7798, RICHARD F. MATHIAS	RP31						