

DEF-15-14.77										PID: 96605						
PROJECT GROUND COORDINATES - US SURVEY FEET										STATE PLANE GRID COORDINATES						
PROJECT COORDINATES (FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)										HORIZONTAL DATUM - NAD83(2011) ELLIPSOID GRS80, OHIO NORTH ZONE						
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.2810961802										VERTICAL DATUM NAVD 88 (CP01 RESOLVED BY OPUS OBSERVATION)						
C/L OF RIGHT OF WAY SR 15										ALL OTHER ELEVATIONS ESTABLISHED FROM LEVELING FROM CP01						
NAME	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	DESCRIPTION		NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)		
CP01	793+68.76	7.40		597746.3280	1457366.2510	722.652	MAGS	MAG SPIKE SET	CP01	182178.8497	444170.5366	220.265	597698.4429	1457249.5022		
CP02	773+26.42	61.43	RT	595748.1390	1456989.3410	686.001	MAGS	MAG SPIKE SET	CP02	181569.8493	444055.6634	209.094	595700.4139	1456872.6224		
CP101	784+76.35	882.02	RT	596761.5060	1458135.3400	672.763	IPINS	IRON PIN SET	CP101	181878.6994	444404.9366	205.059	596713.6998	1458018.5296		
CP102	785+21.86	366.99	LT	596946.7260	1456899.2970	679.427	IPINS	IRON PIN SET	CP102	181935.1501	444028.2201	207.090	596898.9049	1456782.5856		
CP103	779+86.12	151.57	LT	596390.2110	1457053.3150	671.177	IPINS	IRON PIN SET	CP103	181765.5376	444075.1612	204.575	596342.4345	1456936.5912		
CP104	779+10.15	444.95	RT	596225.8180	1457634.5200	674.924	IPINS	IRON PIN SET	CP104	181715.4345	444252.2986	205.717	596178.0547	1457517.7497		
EXISTING MONUMENTATION FOR EXISTING CENTERLINES OF RIGHTS OF WAY										EXISTING CENTERLINE MONUMENTS					MONUMENTS TO BE RESET 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)		
SV7504	769+00.00	0.00	-	595394.2011	1456743.7139	687.646	MONBOX	RIGHT-OF-WAY MONUMENT BOX	SV7504	181461.9775	443980.8021	N/A	595346.5044	1456627.0149		
SV7503	776+48.13	749.97	RT	595728.0094	1457749.0626	685.979	MONBOX	RIGHT-OF-WAY MONUMENT BOX	SV7503	181563.7143	444287.2085	N/A	595680.2859	1457632.2831		
SV3821	776+50.68	0.00	-	596065.6477	1457079.3886	680.510	MONBOX	RIGHT-OF-WAY MONUMENT BOX - 3/4" IRON PIN FOUND	SV3821	181666.6184	444083.1078	N/A	596017.8972	1456962.6627		
SV4967	787+33.09	6.90	RT	597114.7186	1457294.5072	697.296	MONBOX	RIGHT-OF-WAY MONUMENT BOX - 3/4" IRON PIN FOUND	SV4967	181986.3502	444148.6708	N/A	597066.8841	1457177.7641	1	
SV4966	788+11.44	0.00	-	597193.3391	1457296.4333	700.474	MONBOX	RIGHT-OF-WAY MONUMENT BOX - 1/2" IRON PIN FOUND	SV4966	182010.3119	444149.2578	N/A	597145.4983	1457179.6901	1	
SV7606	791+48.80	3.20	LT	597528.9388	1457331.0713	710.780	MONBOX	RIGHT-OF-WAY MONUMENT BOX	SV7606	182112.5947	444159.8147	N/A	597481.0711	1457214.3253		
PROJECT GROUND COORDINATES - US SURVEY FEET										STATE PLANE GRID COORDINATES					MONUMENTS TO BE SET AFTER CONSTRUCTION	
PROJECT COORDINATES (US SURVEY FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)										HORIZONTAL DATUM - NAD83(COR96), OHIO NORTH ZONE (3401) FROM OUPS						
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.2810961802										HORZ. DATUM - NAD83(CORS96), OHIO NORTH ZONE						
CENTERLINE OF RIGHT OF WAY STATE ROUTE 15 (NOTE: SIDE STREET MONUMENTS & ALIGNMENTS NOTED IN DESCRIPTION)										CENTERLINE ALIGNMENT					MONUMENT ASSEMBLY	
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)	REFERENCE MONUMENTS	
PP200	779+10.15	0.00	-	596297.7343	1457195.4151	N/A	MONBOX	1" IRON PIN SET IN A MONUMENT BOX AT PI	PP200	181737.3529	444118.4899	N/A	596249.9652	1457078.6800	1	
PP201	785+04.51	0.00	-	596888.3521	1457262.0328	N/A	MONBOX	1" IRON PIN SET IN A MONUMENT BOX AT INTERSECTION WITH RIVER DR.	PP201	181917.3591	444138.7734	N/A	596840.5356	1457145.2923	1	
PROJECT ADJUSTMENT FACTOR BASED ON: Inverse of the combined scale factor, as determined by OPUS Solution Report for control point CP01.										TOTAL CENTERLINE MONUMENTS					4	
COMBINED SCALE FACTOR = 1.000080116 State Plane Grid to Project Ground (same units)										Control point horizontal positions were established by averaging multiple OPUS derived GNSS observations. Elevations were derived through conventional leveling holding the OPUS derived position for CP01. All positions are in conformance to the ODOT Surveying and Mapping Specifications or approval from ODOT District 1 Survey Operations Manager.						
PROJECT ADJ. FACTOR = 3.2810961802 State Plane Grid (meters) to Project Ground (US Survey Feet)																
ENG./METRIC CONV. = 3.280833333 US SURVEY FOOT TO METERS CONVERSION FACTOR																
PROJECT Coordinates are Scaled From GRID Coordinates About The OHIO NORTH ZONE Grid Point N=0,E=0.																
PROJECT GROUND COORDINATES - US SURVEY FEET										STATE PLANE GRID COORDINATES					MONUMENTS TO BE SET BY OTHERS	
PROJECT COORDINATES (US SURVEY FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)										HORIZONTAL DATUM - NAD83(COR96), OHIO NORTH ZONE (3401) FROM OUPS						
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.2810961802										HORZ. DATUM - NAD83(CORS96), OHIO NORTH ZONE						
RIGHT OF WAY SR 15										RIGHT OF WAY					BOUNDARY	
NAME	C/L RW 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)	PIN (TYPE "B")	
PP115	779+67.33	83.80	LT	596363.9410	1457118.5544	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP115	181757.5311	444095.0446	N/A	596316.1666	1457001.8254	1	
PP109	779+68.86	74.45	RT	596347.7282	1457275.9809	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP109	181752.5898	444143.0244	N/A	596299.9551	1457159.2393	1	
PP107	779+92.06	48.24	RT	596373.7206	1457252.5318	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP107	181760.5117	444135.8777	N/A	596325.9454	1457135.7921	1	
PP108	779+92.06	74.23	RT	596370.7691	1457278.3538	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP108	181759.6121	444143.7476	N/A	596322.9942	1457161.6120	1	
PP116	780+16.54	48.28	RT	596398.0397	1457255.3115	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP116	181767.9236	444136.7249	N/A	596350.2626	1457138.5716	1	
PP113	780+19.43	50.72	LT	596412.0051	1457157.2632	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP113	181772.1799	444106.8421	N/A	596364.2269	1457040.5311	1	
PP114	780+19.63	83.72	LT	596415.9027	1457124.4938	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP114	181773.3678	444096.8548	N/A	596368.1241	1457007.7643	1	
PP112	780+21.52	50.72	LT	596414.0897	1457157.5015	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP112	181772.8152	444106.9147	N/A	596366.3113	1457040.7694	1	
PP056	783+86.93	51.73	LT	596777.3024	1457197.4456	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP056	181883.5138	444119.0887	N/A	596729.4949	1457080.7103	1	
PP092	783+87.63	47.24	RT	596782.1129	1457151.9068	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP092	181884.9799	444105.2096	N/A	596734.3050	1457035.1751	1	
PP091	784+21.08	47.00	RT	596800.1778	1457299.3872	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP091	181890.4857	444150.1581	N/A	596752.3685	1457182.6437	1	
PP057	784+72.05	52.34	LT	596861.9537	1457206.3879	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP057	181909.3135	444121.8141	N/A	596814.1394	1457089.6519	1	
PP090	784+21.04	75.40	RT	596796.9527	1457327.6028	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP090	181889.5028	444158.7576	N/A	596749.1436	1457210.8571	1	
PP089	784+60.49	75.45	RT	596836.1446	1457332.0708	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP089	181901.4475	444160.1193	N/A	596788.3324	1457215.3247	1	
PP088	784+70.55	94.67	RT	596843.9890	1457352.3041	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP088	181903.8383	444166.2859	N/A	596796.1761	1457235.5564	1	
PP078	785+36.75	74.93	RT	596911.9897	1457340.1017	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP078	181924.5633	444162.5669	N/A	596864.1714	1457223.3550	1	
PP101	785+55.86	55.52	RT	596933.1472	1457322.9563	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP101	181931.0116	444157.3414	N/A	596885.3272	1457206.2109	1	
PP100	785+55.70	49.14	RT	596933.7032	1457316.6018	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP100	181931.1810	444155.4047	N/A	596885.8832	1457199.8569	1	
PP099	785+58.16	47.70	RT	596936.3135	1457315.4498	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP099	181931.9766	444155.0536	N/A	596888.4933	1457198.7050	1	
PP077	785+87.92	43.40	RT	596966.3643	1457314.5053	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP077	181941.1354	444154.7657	N/A	596918.5416	1457197.7606	1	
PP080	785+87.92	46.96	RT	596965.9651	1457318.0442	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP080	181941.0137	444155.8443	N/A	596918.1425	1457201.2992	1	
PP035	786+69.52	43.40	RT	597047.4491	1457323.6511	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP035	181965.8481	444157.5532	N/A	596999.6199	1457206.9057	1	
PP087	787+15.82	42.90	RT	597093.5213	1457328.3485	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP087	181979.8898	444158.9848	N/A	597045.6885	1457211.6027	1	
PP067	787+93.56	41.34	RT	597170.9464	1457335.5132	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP067	182003.4871	444161.1685	N/A	597123.1074	1457218.7668	1	
PP063	788+11.79	56.75	RT	597187.3317	1457352.8686	N/A	IPINS	3/4" IRON PIN SET WITH 2" ALUMINUM CAP	PP063	182008.4810	444166.4580	N/A	597139.4913	1457236.1208	1	

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CENTERLINE PLAT DEF-15-14.77 PID NO. 96605 ENW R/W DESIGNER WCL R/W REVIEWER

SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING FROM EXISTING RECORDED PLATS. THE RECORDED DEEDS AND PLATS CAN BE FOUND IN THE DEFIANCE COUNTY RECORDS.

THE RECORDED INFORMATION INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:
 1. ORIGINAL PLAT OF DEFIANCE, PLAT BOOK 1, PAGE 2 & 2A
 2. MAP OF WILLIAMS TOWN, PLAT BOOK 3, PAGE 2