

**MONUMENT LEGEND**

- ☐ EXISTING R/W MONUMENT BOX
- ▣ PROPOSED R/W MONUMENT BOX SET DURING CONSTRUCTION
- I.P.F. IRON PIN FOUND
- ⊙ I.P.F. IRON PIN FOUND W/ ID CAP
- I.P.S. 3/4"X30" REBAR SET WITH 2" DIA. ALUM. CAP STAMPED " ODOT R/W URS CORPORATION 7122"
- ⊙ I.P.F. IRON PIPE FOUND
- ⊙ I.P.S. IRON PIPE SET
- ⊙ P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET

# LOR-BOSTON ROAD RR CROSSING

LORAIN COUNTY - COLUMBIA TOWNSHIP  
 LOT 10 T5, R 15  
 MEDINA COUNTY - LIVERPOOL TOWNSHIP  
 LOT 2, SECTION 5 T4, R15  
 CONNECTICUT WESTERN RESERVE

EMMONS ROAD

SVI470

NOTE : ALL STATION / OFFSETS SHOWN ON ARE BASED ON THE EXISTING CL OF RIGHT OF WAY STATIONING OF BOSTON ROAD, UNLESS SPECIFICALLY NOTED.

**BASIS FOR BEARINGS:**

BEARINGS BASED ON OHIO STATE PLANE NORTH ZONE, GRID BEARINGS NAD 83 (CORS2011) DATUM FROM GNS OBSERVATIONS OF THE ODOT VRS NETWORK IN MARCH 2013 BY URS CORP. AND ARE FOR THE PURPOSE OF DEFINING ANGULAR MEASUREMENTS.

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING :  
 MEDINA AND LORAIN COUNTY TAX MAPS

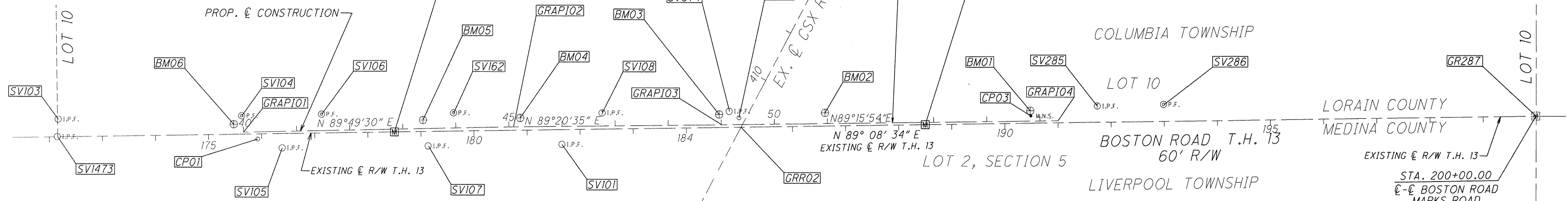
**SURVEYS ON FILE AT MEDINA COUNTY TAX MAP:**

SURVEY FOR HERBERT S. HEROLD BY SANTEE ASSOC. DATED MAR, 1972  
 SURVEY FOR EDWARD T. BRAFCHAK BY JAMES T. POWERS, R.S. 5774 DATED 6-5-86  
 SURVEY FOR EDWARD T. BRAFCHAK BY JAMES T. POWERS, R.S. 5774 DATED 6-27-87

**SURVEYS ON FILE AT LORAIN COUNTY TAX MAP:**

WALLNER TRUST LOT SPLIT BY GEORGE A. HOFAMAN, R.S. 6752 DATED 7/28/2004  
 SURVEY # 20007 BY JOHN POZYWAK, R.S. 5292, ( TAX MAP APPR. 7-28-92 )  
 SURVEY PLAT FOR JOSEPH WALLNER BY KLEINODER-SCHMIDT AND ASSOC. DATED 7/13/1979

NOTE : SEE POINT TABLE ON SHEET 2 OF 2 ( 3 OF 11 ) FOR ALL POINT COORDINATE VALUES



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: B & O RIGHT OF WAY AND TRACK MAP AND EXISTING RAIL LOCATION WERE USED TO ESTABLISH EXISTING 66' WIDE RW OF CURRENT CSX SINGLE TRACK.

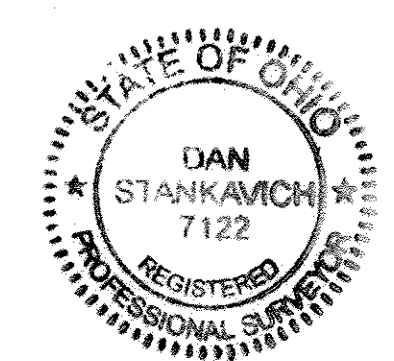
V-121 3/4

I, Dan Stankavich, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation in February and March, 2013. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinate System, North Zone on NAD 83 (2011) datum. The Project Coordinates (US Survey feet) are relative to State Plane Grid Coordinates (meters or US Survey feet) by a Project Adjustment Factor multiplier of 1.00009331. As a part of this project I have reestablished the locations of the existing property lines and centerline of existing Right of Way for property takes contained herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "A Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

*Dan Stankavich*  
 Dan Stankavich, Professional Land Surveyor No. 7122,

Date: May 17, 2013

SURVEYORS SEAL



**TRANSFERRED FEE EX**  
 IN COMPLIANCE WITH SEC. 319-202 OHIO REV. CODE  
 AUG 02 2013  
 J. CRAIG SNODGRASS, CPA, CGFM  
 LORAIN COUNTY AUDITOR

Doc ID: 017599400002 Type: OFF  
 Kind: PLAT  
 Recorded: 08/02/2013 at 11:08:36 AM  
 Fee Amt: \$172.80 Page 1 of 2  
 Lorain County, Ohio  
 Judith M. Nedwick County Recorder  
 File: 2013-0472875  
 Vol 99 Pgs 1-2  
 (Cliff)

I:\Projects\Boston Rd\ROW\Sheets\93717RC001\_MYLAR.dgn 5/22/2013 8:22:44 AM Dan Stankavich

RECEIVED \_\_\_\_\_, 20\_\_\_\_  
 RECORDED \_\_\_\_\_, 20\_\_\_\_  
 BOOK \_\_\_\_\_ PAGE \_\_\_\_\_  
 MEDINA COUNTY RECORDER

RECEIVED \_\_\_\_\_, 20\_\_\_\_  
 RECORDED \_\_\_\_\_, 20\_\_\_\_  
 BOOK \_\_\_\_\_ PAGE \_\_\_\_\_  
 LORAIN COUNTY RECORDER

N

200  
100  
50  
0  
HORIZONTAL SCALE IN FEET

R/W DESIGNER MJT  
R/W REVIEWER DS

PID NO. **93717**

**CENTERLINE PLAT**

**LOR-BOSTON ROAD RR CROSSING**

1 / 2  
2 / 11  
33  
42

LOR-BOSTON RD-RR CROSSING

PID: 93717

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(CORS2011), OHIO NORTH ZONE (3401) FROM CORP					ITEM 604E38500	ITEM 604E40500					
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.281139468									VERTICAL DATUM NAVD 88 CP02 DEFINED BY GPS FROM CORP USING GEOID12					MONUMENT ASSEMBLY	REFERENCE MONUMENT					
LOCAL SURVEYS AND DEED USED FOR CONTROL								ALL OTHER ELEVATIONS ESTABLISHED FROM LEVELING FROM CP01												
NAME	C/L OF RIGHT OF WAY TH BOSTON RD	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	175+92.54	9.72	RT	586588.9734	2137243.9775	915.131	IPINS	178775.9951	651372.4877	278.932	586534.2439	2137044.5701								
CP02	184+99.55	17.78	LT	586630.0375	2138150.4703	926.725	IPINS	178788.5103	651648.7615	282.466	586575.3042	2137950.9784								
CP03	190+49.15	13.48	LT	586633.9598	2138700.1163	930.044	IPINS	178789.7057	651816.2783	283.478	586579.2261	2138500.5731								
BM01	190+48.06	23.28	LT	586643.7415	2138698.8344	930.755	BM	178792.6869	651815.8876	283.695	586589.0069	2138499.2912								
BM02	186+61.71	24.90	LT	586639.5794	2138312.5764	924.438	BM	178791.4184	651698.1669	281.769	586584.8452	2138113.0692								
BM03	184+62.34	24.53	LT	586636.2320	2138113.1685	922.688	BM	178790.3982	651637.3929	281.236	586581.4981	2137913.6800								
BM04	180+87.46	23.07	LT	586629.1581	2137738.3487	914.508	BM	178788.2423	651523.1583	278.743	586574.4249	2137538.8952								
BM05	179+04.20	21.61	LT	586624.9609	2137555.1276	913.164	BM	178786.9631	651467.3176	278.333	586570.2281	2137355.6912								
BM06	175+47.78	18.90	LT	586616.9123	2137198.7883	915.087	BM	178784.5101	651358.7153	278.919	586562.1802	2136999.3951								
EXISTING MONUMENTATION CENTERLINE OF RIGHT OF WAY BOSTON RD - TH BOSTON RD								EXISTING CENTERLINE OF R/W CONTROL POINTS					HORZ. DATUM - NAD83(CORS2011), OHIO NORTH ZONE					VERT. DATUM - NAVD88		
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)						
SV1473	172+15.62	0.00	RT	586593.0489	2136866.9545	0.000	IPIN	5/8" IRON ROD FOUND 12" DEEP IN P/V ( SW CORNER LOT 10 - COLUMBIA TWP. )	SV1473	178777.2372	651257.5816	0.000	586538.3190	2136667.5823						
GRM01	178+50.00	0.00	RT	586602.5412	2137501.2619	0.000	MONBOXS	MONUMENT BOX ASSEMBLY TO BE SET DURING CONSTRUCTION	GRM01	178780.1302	651450.9008	0.000	586547.8105	2137301.8305	1					
GRR02	185+03.19	0.00	RT	586612.3150	2138154.3821	0.000	CALPT	CL - CL INTERSECTION OF EX. CL RW TH 13 AND EX. CL OF CSX RAILROAD RW	GRR02	178783.1090	651649.9537	0.000	586557.5834	2137954.8897						
GRM02	188+50.00	0.00	RT	586617.5043	2138501.1500	0.000	MONBOXS	MONUMENT BOX ASSEMBLY TO BE SET DURING CONSTRUCTION	GRM02	178784.6905	651755.6389	0.000	586562.7722	2138301.6253	1					
GR287	200+00.00	0.00	RT	586634.7118	2139651.0201	939.783	MONBOXS	STONE W/DRILL HOLE FOUND - CL / CL BOSTON ROAD/MARKS ROAD (SE COR LOT 10)	GR287	178789.9349	652106.0873	286.446	586579.9781	2139451.3881						
GRR01	400+00 (CSX CL)	0.00	RT	585816.1067	2137734.7963	0.000	CALPT	CALCULATED EX. CL 66" WIDE CSX RW	GRR01	178540.4468	651522.0756	0.000	585761.4494	2137535.3431						
GRR03	420+00 (CSX CL)	0.00	RT	587585.4585	2138667.2093	0.000	CALPT	CALCULATED EX. CL 66" WIDE CSX RW	GRR03	179079.6960	651806.2492	0.000	587530.6361	2138467.6691						
PROPOSED CENTERLINE OF CONSTRUCTION OF BOSTON RD ( STATION / OFFSETS ARE BASED ON THE EX. CL OF RW OF BOSTON ROAD )								PROP CL OF CONSTRUCTION CENTERLINE ALIGNMENT					HORZ. DATUM - NAD83(CORS2011), OHIO NORTH ZONE					VERT. DATUM - NAVD88		
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)						
GRAP101	175+65.93	3.93	LT	586601.9175	2137217.1702	0.000	CALPT	BEGIN PROPOSED CL CONSTRUCTION ( POT ) STA. 40+00.00 CL CONSTRUCTION	GRAP101	178779.9401	651364.3176	0.000	586547.1868	2137017.7653						
GRAP102	180+74.52	6.45	LT	586612.3479	2137725.6635	0.000	CALPT	PI - (NO CURVE) STA. 45+08.55 PROPOSED CL CONSTRUCTION	GRAP102	178783.1190	651519.2922	0.000	586557.6163	2137526.2112						
GRAP103	184+67.19	5.07	LT	586616.8503	2138118.3053	0.000	CALPT	PI - (NO CURVE) STA. 49+01.18 PROPOSED CL CONSTRUCTION	GRAP103	178784.4912	651638.9585	0.000	586562.1182	2137918.8163						
GRAP104	191+00.15	3.72	LT	586624.9719	2138751.2173	0.000	CALPT	END PROPOSED CL CONSTRUCTION ( POT ) STA. 55+34.09 CL CONSTRUCTION	GRAP104	173300.5555	651831.8524	0.000	586570.2390	2138551.6691						
PROJECT ADJUSTMENT FACTOR BASED ON: Inverse of the scale factor, as determined by Trimble Business Center for the final and accepted position of control point CP01.										TOTAL MONUMENTS - QUANTITY CARRIED TO GENERAL SUMMARY ITEM 604					2	0				
UNITLESS FACTOR = 1.000093310 State Plane Grid to Project Ground (same units)								Control point horizontal positions were established by averaging multiple VRS derived GNSS observations. Elevations were derived through conventional leveling holding the VRS derived position for CP01. All positions are in conformance to the ODOT Surveying and Mapping Specifications												
PROJECT ADJ. FACTOR = 3.281139468 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								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(CORS2011), OHIO NORTH ZONE (3401) FROM CORP					ITEM 604E40520	ITEM 604	
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.281139468									VERTICAL DATUM NAVD 88 CP02 DEFINED BY GPS FROM CORP USING GEOID12					RIGHT OF WAY PIN (TYPE 'B')	BOUNDARY PIN (TYPE 'B')	
NAME	C/L OF RIGHT OF WAY TH BOSTON RD	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)			
RW01	177+13.99	0.00	RT	586600.5062	2137365.2714	0.000	MAGS	*MAG* NAIL SET	RW01	178779.5100	651409.4547	0.000	586545.7757	2137165.8527		
RW02	177+14.04	40.00	LT	586640.5061	2137364.7150	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW02	178791.7008	651409.2851	0.000	586585.7718	2137165.2963		
RW03	178+50.00	40.00	LT	586642.5405	2137500.0000	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW03	178792.3209	651450.5162	0.000	586587.8061	2137300.5687		
RW04	179+45.00	50.00	LT	586653.9600	2137595.5031	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW04	178795.8012	651479.6229	0.000	586599.2245	2137396.0629		
RW05	179+63.20	50.31	LT	586654.5371	2137613.6924	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW05	178795.9771	651485.1665	0.000	586599.8015	2137414.2505		
RW06	179+62.18	0.00	RT	586604.2199	2137613.4338	0.000	MAGS	*MAG* NAIL SET	RW06	178780.6418	651485.0877	0.000	586549.4890	2137413.9919		
RW13	180+87.14	0.00	RT	586606.0895	2137738.3709	0.000	MAGS	*MAG* NAIL SET	RW13	178781.2116	651523.1651	0.000	586551.3585	2137538.9174		
RW15	180+88.19	52.40	LT	586658.5013	2137738.6403	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW15	178797.1853	651523.2472	0.000	586603.7654	2137539.1867		
RW18	182+43.26	55.00	LT	586663.4195	2137893.6596	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW18	178798.6842	651570.4927	0.000	586608.6831	2137694.1916		
RW19	182+42.16	0.00	RT	586608.4091	2137893.3771	0.000	MAGS	*MAG* NAIL SET	RW19	178781.9186	651570.4066	0.000	586553.6778	2137693.9091		
RW23	184+65.59	0.00	RT	586611.7523	2138116.7838	0.000	MAGS	*MAG* NAIL SET	RW23	178782.9375	651638.4948	0.000	586557.0207	2137917.2950		
RW24	184+95.63	55.00	LT	586667.1957	2138116.0014	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW24	178799.8351	651647.3995	0.000	586612.4590	2137946.5098		
RW29	185+40.80	0.00	RT	586612.8776	2138191.9804	0.000	MAGS	*MAG* NAIL SET	RW29	178783.2804	651661.4126	0.000	586558.1459	2137992.4845		
RW30	185+68.11	50.00	LT	586663.2855	2138218.5476	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW30	178798.6434	651669.5096	0.000	586608.5491	2138019.0493		
RW31	185+75.00	50.00	LT	586666.3811	2138425.4101	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW31	178799.5868	651732.5555	0.000	586611.6444	2138225.8925		
RW32	190+00.00	30.00	LT	586649.7454	2138650.6843	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW32	178794.5167	651801.2128	0.000	586595.0103	2138451.1456		
RW60	190+00.00	0.00	RT	586619.7487	2138651.1332	0.000	MAGS	*MAG* NAIL SET	RW60	178785.3746	651801.3496	0.000	586565.0164	2138451.5945		
RW33	189+00.00	0.00	RT	586618.2524	2138551.1444	0.000	MAGS	*MAG* NAIL SET	RW33	178784.9185	651770.8758	0.000	586563.5202	2138351.6150		
RW38	189+00.00	30.00	RT	586588.2530	2138551.5933	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW38	178775.7755	651771.0126	0.000	586533.5236	2138352.0639		
RW39	188+50.00	30.00	RT	586587.5048	2138501.5989	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW39	178775.5475	651755.7757	0.000	586532.7755	2138302.0742		
RW40	186+00.00	50.00	RT	586563.7691	2138251.9261	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW40	178768.3135	651679.6824	0.000	586509.0420	2138052.4246		
RW41	185+13.48	50.00	RT	586562.4746	2138165.4190	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW41	178767.9190	651653.3174	0.000	586507.7476	2137965.9256		
RW54	177+14.03	30.00	LT	586630.5061	2137364.8541	0.000	IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - 7122"	RW54	CP	651409.3275	0.000	*VALUE1	2137165.4354		
SUBTOTAL MONUMENTS - QUANTITY CARRIED TO CENTERLINE PLAT SHEET 3 OF 4															0	0

PROJECT GROUND COORDINATES - US SURVEY FEET								EXISTING BOUNDARY MONUMENTS	STATE PLANE GRID COORDINATES							
PROJECT COORDINATES (US SURVEY FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)								DESCRIPTION	HORIZONTAL DATUM - NAD83(CORS2011), OHIO NORTH ZONE (3401) FROM CORP							
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.281139468									VERTICAL DATUM NAVD 88 CP02 DEFINED BY GPS FROM CORP USING GEOID12							
NAME	C/L OF RIGHT OF WAY TH BOSTON RD	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)			
SV101	181+66.31	27.96	RT	586579.3166	2137817.9532	0.000	IPIN	5/8" REBAR FOUND INSIDE 1-1/2" I. PIPE	SV101	178773.0520	651547.4195	0.000	586524.5880	2137618.4920		
SV103	172+17.84	32.93	LT	586626.0130	2136868.6756											