

**BASIS FOR STATIONING**

THE EXISTING CENTERLINE OF RIGHT-OF-WAY OF STATE ROUTE 82, & BOONE ROAD IS FROM FIELD LOCATED MONUMENTATION AND LORAIN COUNTY RECORDS.

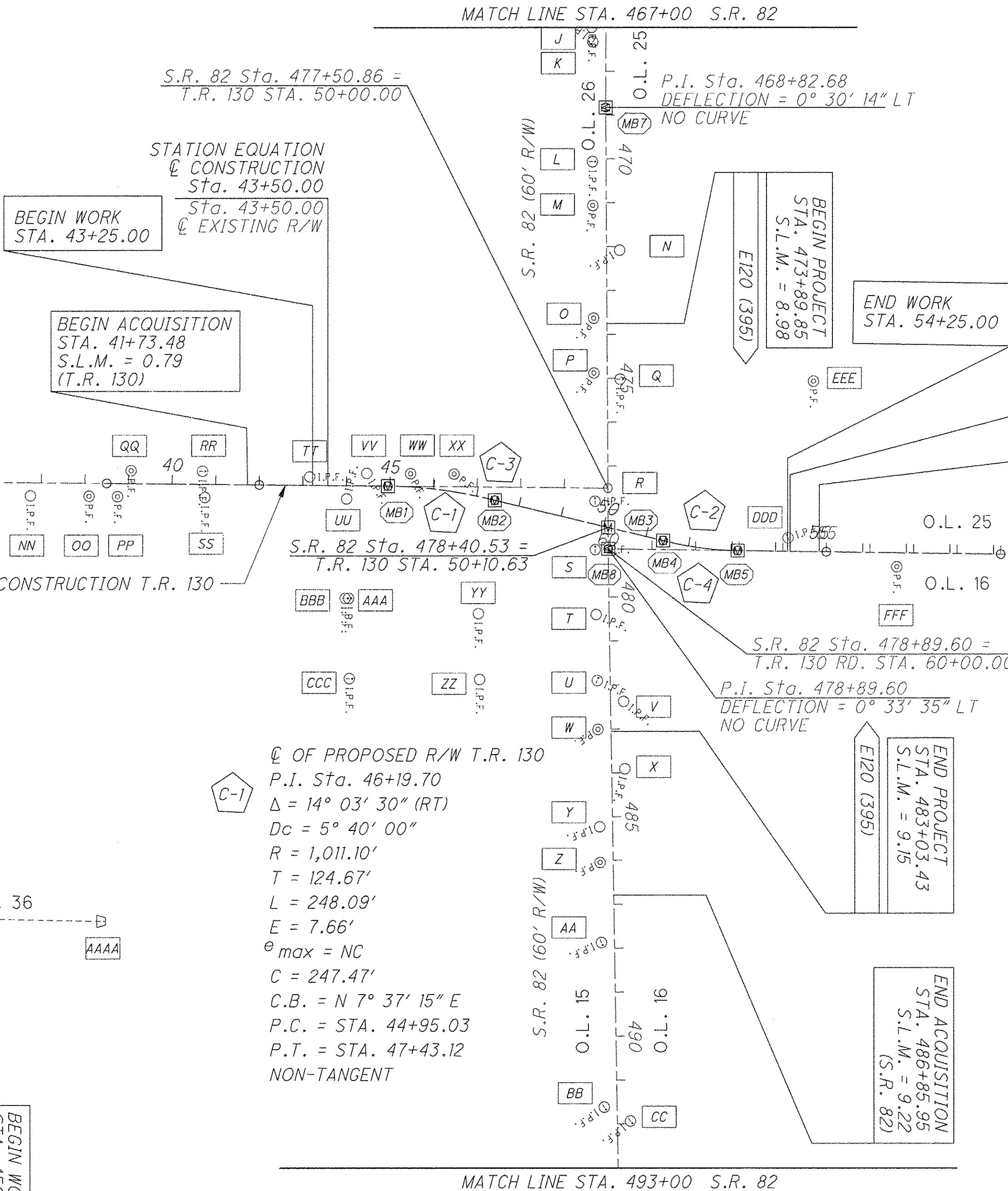
STATIONING FOR PROJECT IS USED TO DELINEATE DISTANCES ONLY.

ALL REFERENCES FOR RIGHT-OF-WAY INFORMATION ARE FROM THE CENTERLINE OF RIGHT-OF-WAY UNLESS OTHERWISE NOTED.

**BASIS FOR BEARINGS**

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. ALL BEARINGS SHOWN ARE RELATIVE TO STATE PLANE GRID COORDINATE SYSTEM, OHIO NORTH ZONE, NAD83(2011) DATUM BASED ON GPS (VRS) OBSERVATIONS.

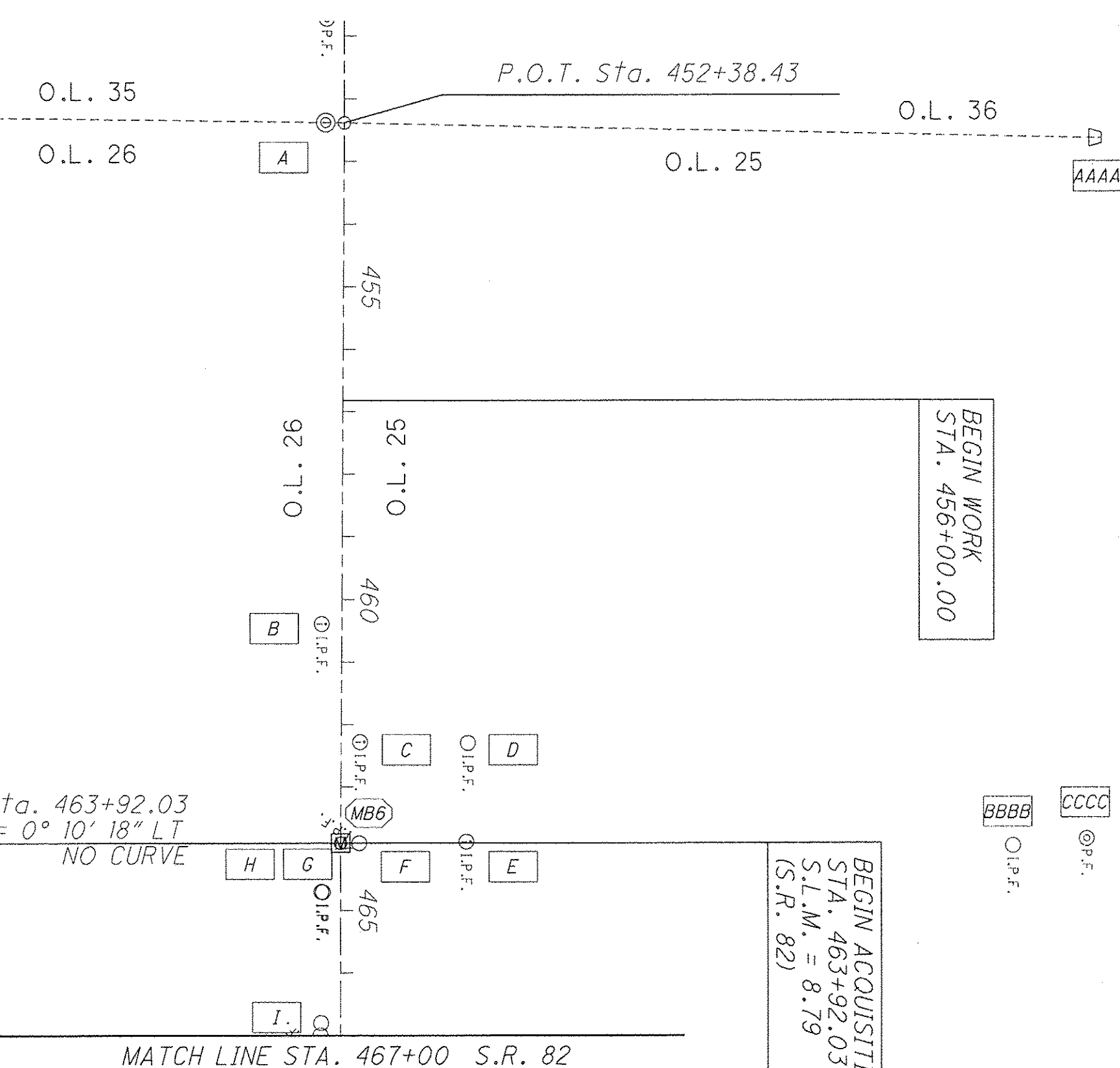
C-3 C. OF CONST. T.R. 130 P.I. Sta. 46+07.59 $\Delta = 12^\circ 49' 20''$ (RT) $Dc = 5^\circ 40' 00''$ $R = 1,011.10'$ $T = 113.61'$ $L = 226.28'$ $E = 6.36'$ $C = 225.80'$ $C.B. = N 7^\circ 00' 10'' E$ $P.C. STA. 44+93.97$ $P.T. STA. 47+20.25$	C-4 C. OF CONST. T.R. 130 P.I. Sta. 52+35.42 $\Delta = 12^\circ 36' 19''$ (LT) $Dc = 8^\circ 00' 00''$ $R = 716.20'$ $T = 79.10'$ $L = 157.57'$ $E = 4.36'$ $C = 157.25'$ $C.B. = N 7^\circ 06' 41'' E$ $P.C. STA. 51+56.32$ $P.T. STA. 53+13.88$
--	---



**BASIS OF EXISTING RIGHT-OF-WAY**

THE EXISTING R/W WIDTHS, CENTERLINES, AND PROPERTY LINE LOCATIONS WERE DETERMINED USING DOCUMENTATION OBTAINED FROM O.D.O.T. DISTRICT 3, THE LORAIN COUNTY ENGINEER'S OFFICE, THE LORAIN COUNTY RECORDER'S OFFICE AND THE FOLLOWING REFERENCES:

- \*DEEDS ON FILE WITH LORAIN COUNTY RECORDS.
- \*LORAIN COUNTY TAX MAPS



C-1  
 C. OF PROPOSED R/W T.R. 130  
 P.I. Sta. 46+19.70  
 $\Delta = 14^\circ 03' 30''$  (RT)  
 $Dc = 5^\circ 40' 00''$   
 $R = 1,011.10'$   
 $T = 124.67'$   
 $L = 248.09'$   
 $E = 7.66'$   
 $\theta_{max} = NC$   
 $C = 247.47'$   
 $C.B. = N 7^\circ 37' 15'' E$   
 $P.C. = STA. 44+95.03$   
 $P.T. = STA. 47+43.12$   
 NON-TANGENT

I, Amy M. Kelly, P. S. have established the proposed property lines, calculated the Gross Take, Present Roadway Occupied (PRO), Net Take and Net Residue; as well as prepared the legal descriptions necessary to acquire these parcels as shown herein. As a part of this work I have set right of way monuments at the property corners, property line intersections, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "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.

*Amy M. Kelly*  
 Amy M. Kelly, Professional Land Surveyor No. 8469 Date: Jan 14, 2016

**NOTES**

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.

C-2  
 C. OF PROPOSED R/W T.R. 130  
 P.I. Sta. 52+27.08  
 $\Delta = 13^\circ 50' 28''$  (LT)  
 $Dc = 8^\circ 00' 00''$   
 $R = 716.20'$   
 $T = 86.93'$   
 $L = 173.02'$   
 $E = 5.26'$   
 $\theta_{max} = 0.039$   
 $C = 172.59'$   
 $C.B. = N 7^\circ 43' 46'' E$   
 $P.C. = STA. 51+40.15$   
 $P.T. = STA. 53+13.17$   
 NON-TANGENT

Doc ID: 019468060001 Type: OFF  
 Kind: PLAT  
 Recorded: 05/02/2016 at 10:23:31 AM  
 Fee Amt: \$522.40 Page 1 of 1  
 Lorain County, Ohio  
 Judith H. Hedrick County Recorder  
 File # 2016-0584017

BRAMHALL ENGINEERING  
 801 MOORE ROAD  
 AVON, OH 44011  
 Plat Vol. 102  
 Pages 8, 9, 10, 11, 12, 13.

**NO TRANSFER NECESSARY**  
**J. CRAIG SNODGRASS, CPA, CGFM**  
**LORAIN COUNTY AUDITOR**  
*JCS*  
 DEPUTY

**REFILED TO CORRECT STATE PLANE GRID**  
**COORDINATE NORTHINGS ON PAGES**  
**3/28 THROUGH 6/28, PLAT VOL. 101, Pgs. 12 thru 17**  
**MONUMENT LEGEND**

- ☐ EXISTING R/W MONUMENT BOX
- ☐ PROPOSED R/W MONUMENT BOX
- I.P.F. IRON PIN FOUND
- I.P.F. IRON PIN FOUND W/ ID CAP
- I.P.S. IRON PIN SET W/ ID CAP
- P.F. IRON PIPE FOUND

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

N

200  
100  
0  
HORIZONTAL  
SCALE IN FEET

PID NO. **92836**

RAW DESIGNER  
R/W REVIEWER

**CENTERLINE PLAT**

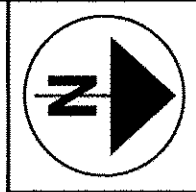
**LOR-82-8-98**

1 / 6

100  
126

J:\123460 LOR-82-9.05 PID 92836\92836\submit\30 - Centerline Plat to County - Re-record\92836RC001.dgn 1/14/2016 3:21:48 PM bmlmks

LORAIN COUNTY, OHIO  
 TOWNSHIP OF COLUMBIA  
 TOWNSHIP-5N, RANGE 15W  
 ORIGINAL LOT Nos. 15, 16, 25 & 26



PID NO. **92836**

R/W DESIGNER  
 R/W REVIEWER

**CENTERLINE PLAT**

**LOR-82-8.98**

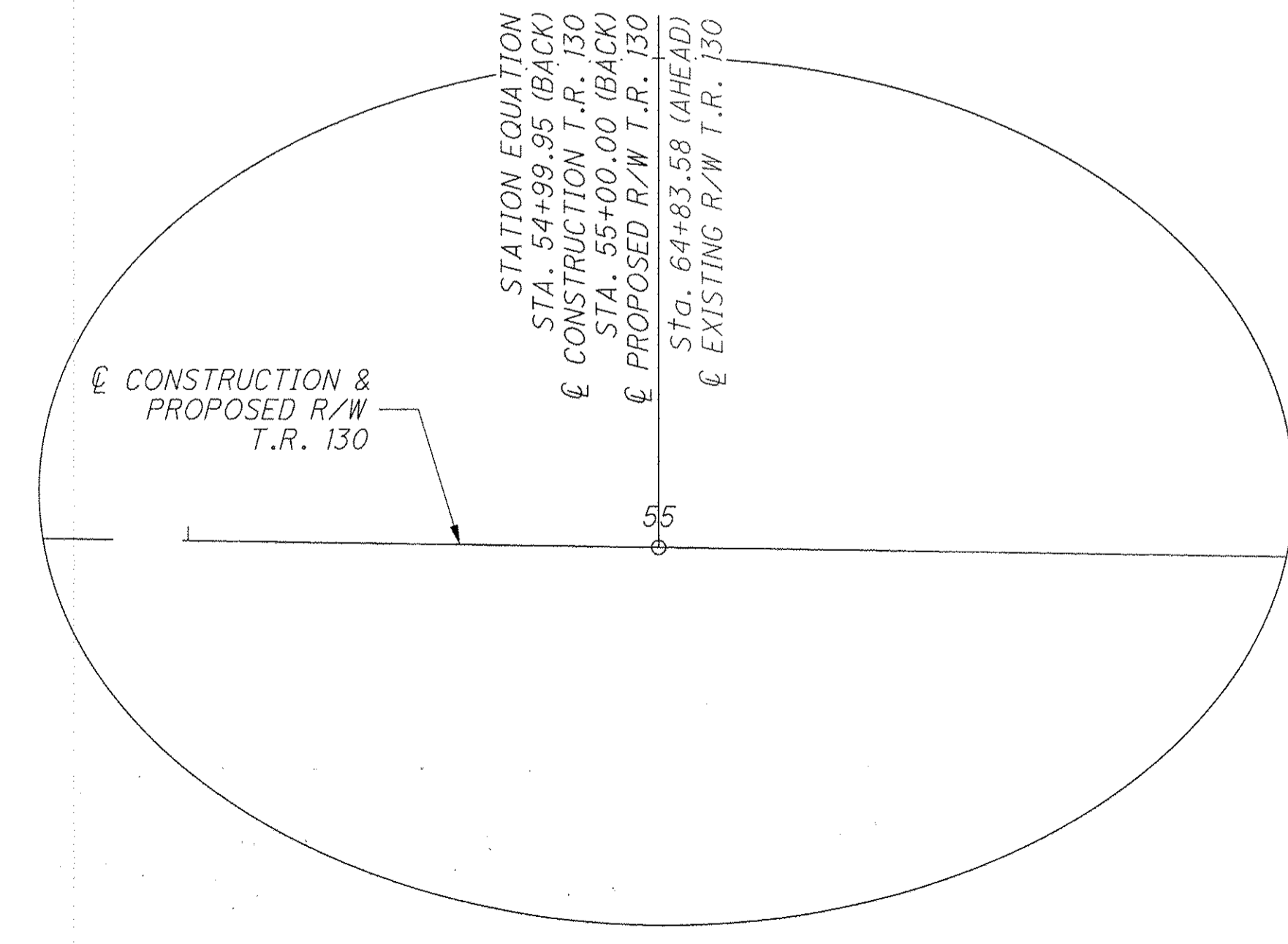
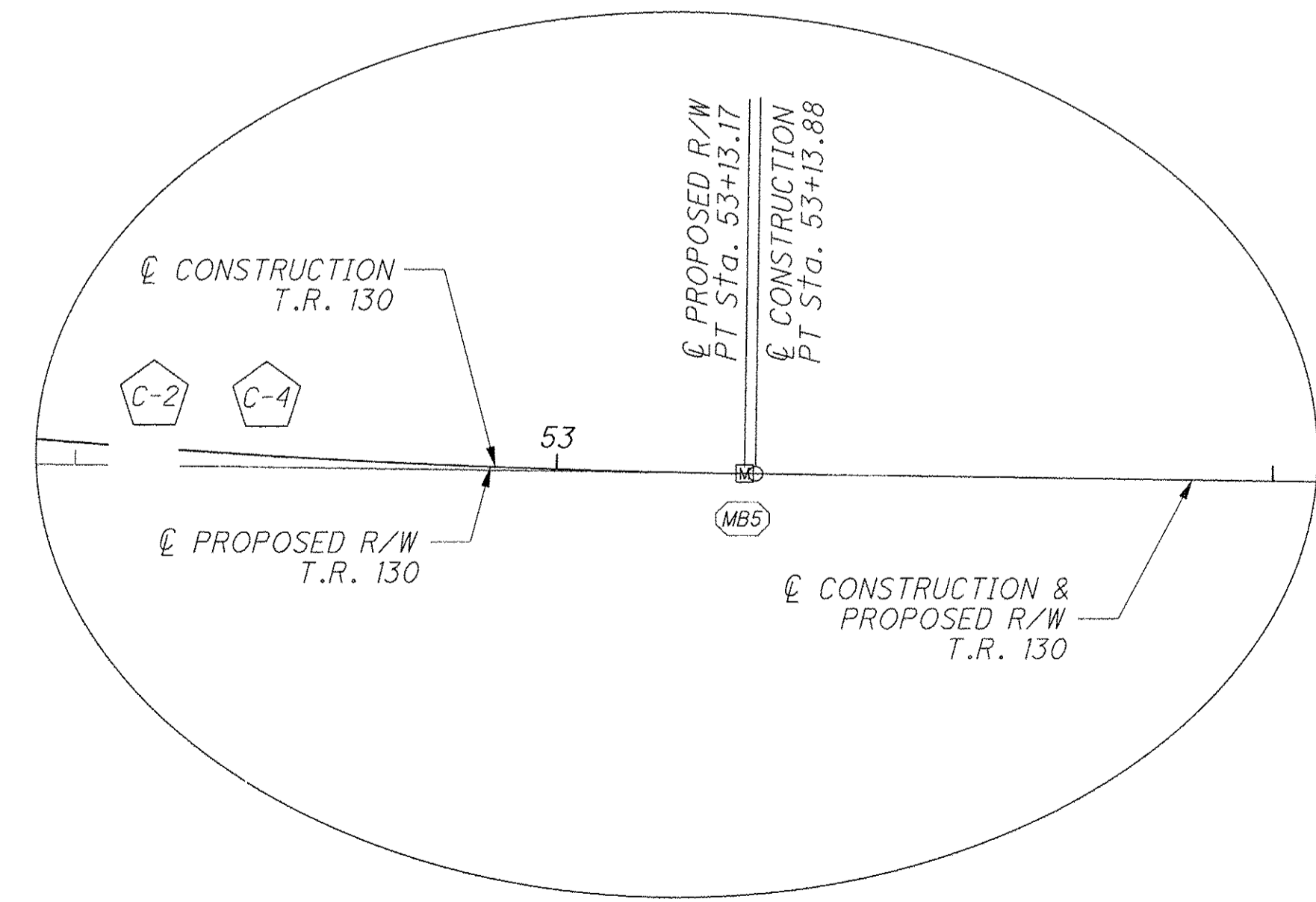
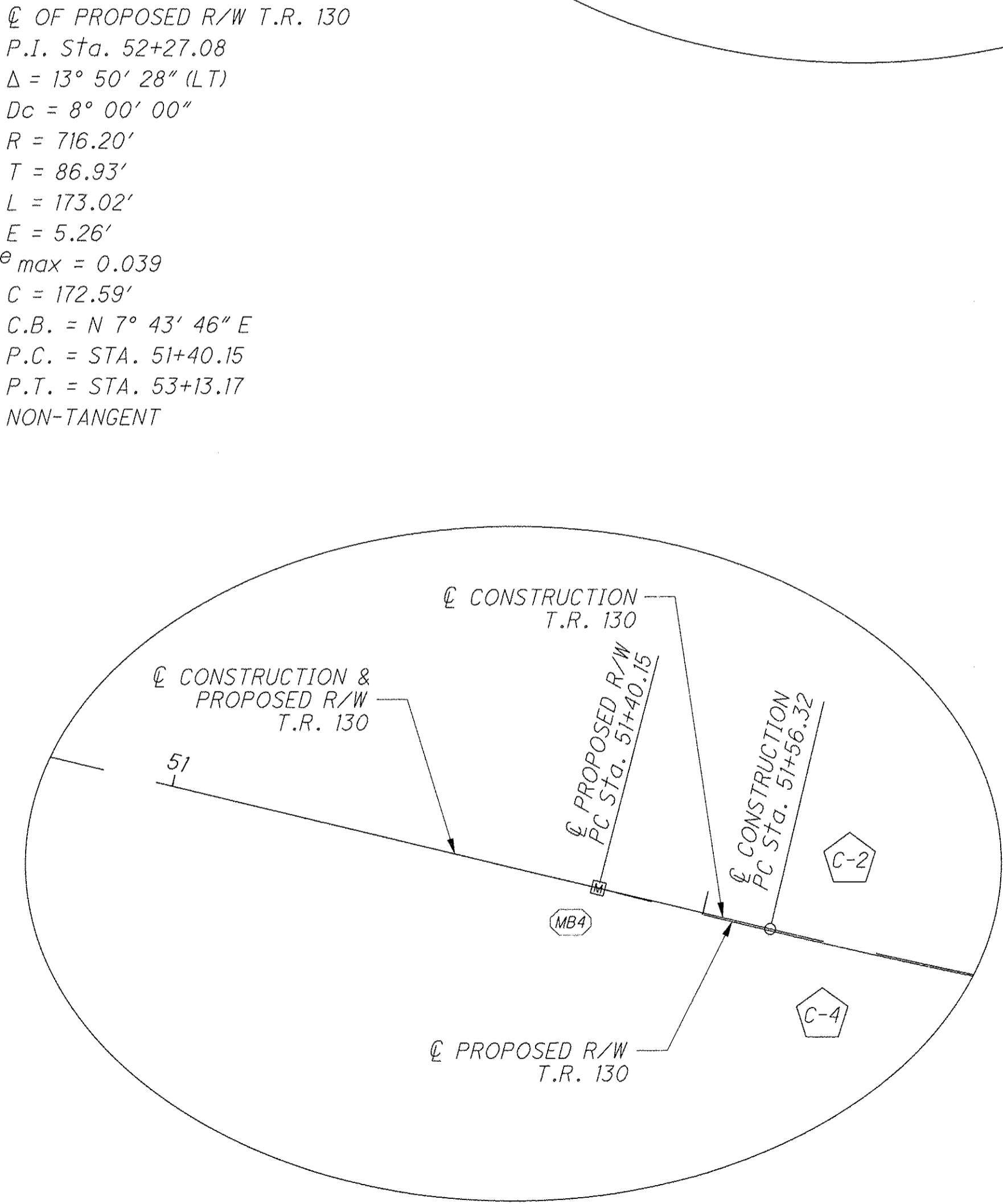
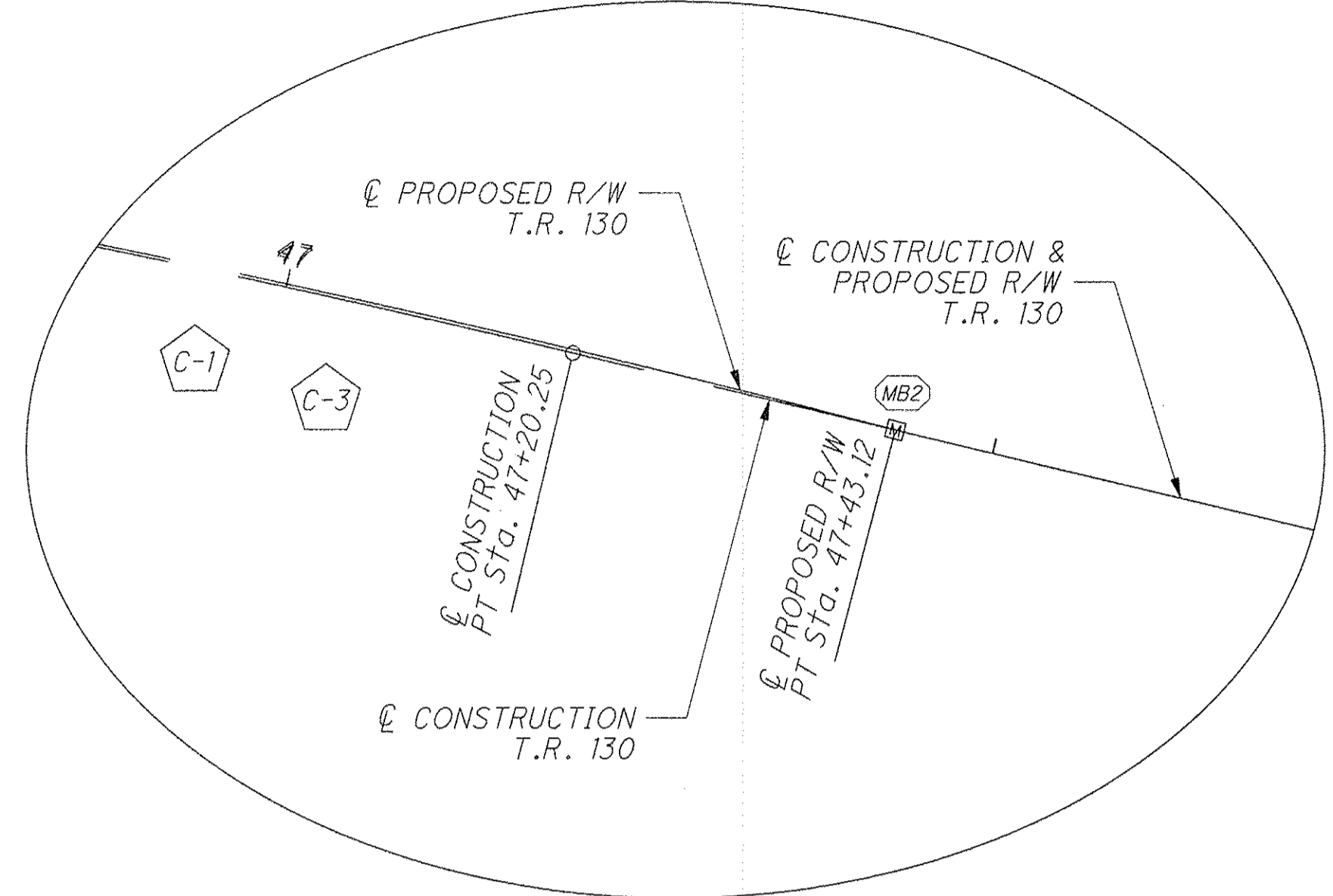
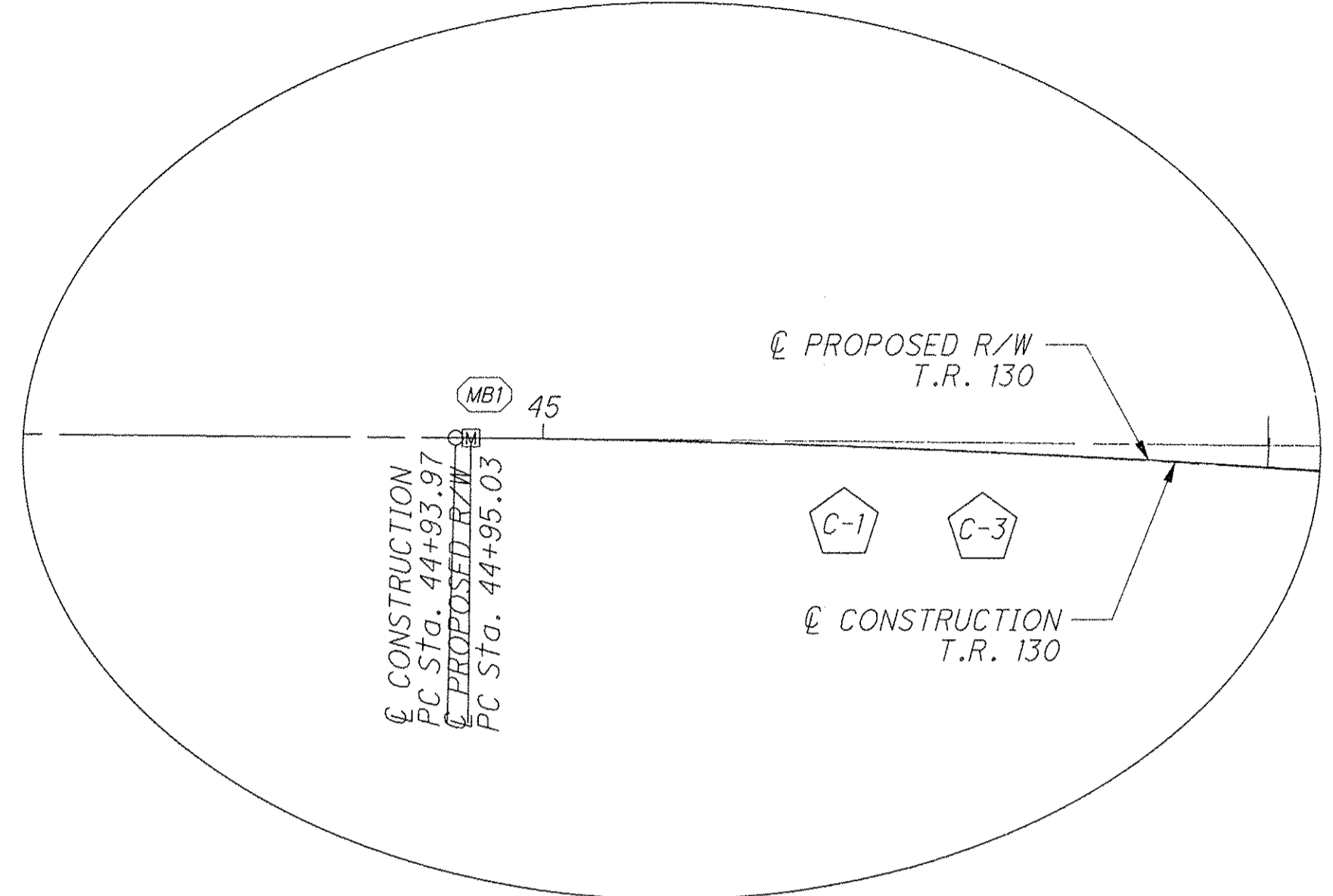
2 / 6

100A  
126

Ⓢ OF CONST. T.R. 130  
 P.I. Sta. 46+07.59  
 $\Delta = 12^\circ 49' 20''$  (RT)  
 $Dc = 5^\circ 40' 00''$   
 $R = 1,011.10'$   
 $T = 113.61'$   
 $L = 226.28'$   
 $E = 6.36'$   
 $C = 225.80'$   
 C.B. =  $N 7^\circ 00' 10'' E$   
 P.C. STA. 44+93.97  
 P.T. STA. 47+20.25

Ⓢ OF CONST. T.R. 130  
 P.I. Sta. 52+27.08  
 $\Delta = 13^\circ 50' 28''$  (LT)  
 $Dc = 8^\circ 00' 00''$   
 $R = 716.20'$   
 $T = 86.93'$   
 $L = 173.02'$   
 $E = 5.26'$   
 $e_{max} = 0.039$   
 $C = 172.59'$   
 C.B. =  $N 7^\circ 43' 46'' E$   
 P.C. = STA. 51+40.15  
 P.T. = STA. 53+13.17  
 NON-TANGENT

STATION EQUATION  
 STA. 54+99.95 (BACK)  
 Ⓢ CONSTRUCTION T.R. 130  
 STA. 55+00.00 (BACK)  
 Ⓢ PROPOSED R/W T.R. 130  
 Sta. 64+83.58 (AHEAD)  
 Ⓢ EXISTING R/W T.R. 130



Ⓢ OF PROPOSED R/W T.R. 130  
 P.I. Sta. 46+19.70  
 $\Delta = 14^\circ 03' 30''$  (RT)  
 $Dc = 5^\circ 40' 00''$   
 $R = 1,011.10'$   
 $T = 124.67'$   
 $L = 248.09'$   
 $E = 7.66'$   
 $e_{max} = NC$   
 $C = 247.47'$   
 C.B. =  $N 7^\circ 37' 15'' E$   
 P.C. = STA. 44+95.03  
 P.T. = STA. 47+43.12  
 NON-TANGENT

Ⓢ OF PROPOSED R/W T.R. 130  
 P.I. Sta. 52+27.08  
 $\Delta = 13^\circ 50' 28''$  (LT)  
 $Dc = 8^\circ 00' 00''$   
 $R = 716.20'$   
 $T = 86.93'$   
 $L = 173.02'$   
 $E = 5.26'$   
 $e_{max} = 0.039$   
 $C = 172.59'$   
 C.B. =  $N 7^\circ 43' 46'' E$   
 P.C. = STA. 51+40.15  
 P.T. = STA. 53+13.17  
 NON-TANGENT

J:\123460 LOR-82-9.05 PID 92836\92836\submit\30 - Centerline Plat to County - Re-record\92836RC006.dgn 1/14/2016 3:22:46 PM bmlkls

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

# MONUMENTATION FOUND

PROJECT ADJUSTMENT FACTOR BASED ON: Control point observations were collected using ODOT VRS.

PROJECT ADJ. FACTOR = 1.00008566

Horizontal Datum - NAD83(2011), Ohio North Zone (3401)

COMBINE SCALE FACTOR= 0.99991435

Vertical Datum - NAVD88 (Geoid 12A)

ENG./METRIC CONV.= 3.28083333

Project Ground Coordinates are scaled from GRID Coordinates about the Ohio North Zone Grid Point N=0,E=0

Project Ground Coordinates are shifted by N=500,000, E=2,000,000

CENTERLINE OF RIGHT-OF-WAY STATE ROUTE 82					PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES				
NAME	DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (ft)	EAST (ft)	ORTHO HT (ft)
A	Concrete Monument found	452+37.65	30.00	RT	100214.350	131811.636	805.70	MONBOX	A	600162.942	2131629.046	805.70
B	5/8" Iron Pin with cap stamped "REITZ" found	460+39.24	32.52	RT	100207.271	132612.879	--	IPID	B	600155.863	2132430.221	--
C	5/8" Iron Pin with cap stamped "HAYWOOD S-8284" found	462+27.75	30.49	LT	100269.211	132801.750	--	IPID	C	600217.798	2132619.076	--
D	3/4" Iron Pin found	462+28.06	204.17	LT	100442.879	132803.206	--	IPIN	D	600391.451	2132620.531	--
E	Iron Pin found	463+88.24	202.67	LT	100440.476	132963.215	816.17	IPIN	E	600389.048	2132780.527	816.17
F	5/8" Iron Pin Bent found	463+91.31	30.00	LT	100267.790	132965.464	--	IPIN	F	600216.377	2132782.776	--
G	5/8" Iron Pin in concrete found	464+70.23	28.76	RT	100208.820	133044.142	809.33	IPIN	G	600157.412	2132861.447	809.33
H	5/8" Iron Pin found	464+69.98	31.04	RT	100206.532	133043.885	809.84	IPIN	H	600155.124	2132861.190	809.84
I	1/2" Iron Pin Bent found	466+79.73	31.29	RT	100205.727	133253.630	--	IPIN	I	600154.319	2133070.917	--
J	1/2" Iron Pin found	466+99.69	32.28	RT	100204.674	133273.582	--	IPIN	J	600153.266	2133090.867	--
K	5/8" Iron Pin with cap stamped "T. SIMON S-S-7775" found	467+32.90	30.11	RT	100206.760	133306.689	--	IPID	K	600155.352	2133123.971	--
L	5/8" Iron Pin with cap stamped "T. SIMON S-S-7775" found	470+06.29	31.17	RT	100206.055	133580.074	--	IPID	L	600154.647	2133397.333	--
M	1" Iron Pipe found	471+05.74	30.91	RT	100206.918	133679.909	--	IPIPE	M	600155.510	2133497.159	--
N	3/4" Iron Pin found	472+07.89	30.01	LT	100268.460	133781.682	--	IPIN	N	600217.047	2133598.924	--
O	1" Iron Pipe Bent found	473+62.33	30.44	RT	100208.959	133936.489	--	IPIPE	O	600157.551	2133753.717	--
P	3/4" Iron Pipe found	474+87.40	30.46	RT	100209.705	134061.555	--	IPIPE	P	600158.297	2133878.773	--
Q	5/8" Iron Pin with cap stamped "MCGARTH & ASSOC" found	475+01.97	29.26	LT	100269.510	134075.370	--	IPID	Q	600218.097	2133892.586	--
R	5/8" Iron Pin with cap stamped "MCSTEEN S-CA 96-026" found	477+80.46	29.77	RT	100212.178	134354.214	820.32	IPID	R	600160.770	2134171.407	820.32
S	5/8" Iron Pin with cap stamped "MCSTEEN S-CA 96-026" found	478+90.80	29.78	RT	100212.863	134464.837	821.17	IPID	S	600161.455	2134282.020	821.17
T	5/8" Iron Pin found	480+38.92	29.99	RT	100215.012	134613.344	819.93	IPIN	T	600163.604	2134430.514	819.93
U	5/8" Iron Pin with cap stamped "JKS S-4903" found	481+89.36	29.71	RT	100217.671	134763.359	821.47	IPID	U	600166.262	2134580.517	821.47
V	5/8" Iron Pin Bent found	482+37.31	30.01	LT	100278.147	134810.750	823.06	IPIN	V	600226.733	2134627.903	823.06
W	1" Iron Pipe found	482+99.94	29.94	RT	100219.205	134874.331	824.70	IPIPE	W	600167.796	2134691.479	824.70
X	5/8" Iron Pin found	483+90.58	30.24	LT	100280.818	134964.000	823.16	IPIN	X	600229.404	2134781.140	823.16
Y	5/8" Iron Pin found	485+21.93	29.75	RT	100222.922	135096.285	--	IPIN	Y	600171.513	2134913.414	--
Z	3/4" Iron Pipe found	486+03.99	29.93	RT	100224.043	135178.337	824.52	IPIPE	Z	600172.634	2134995.459	824.52
AA	5/8" Iron Pin found	487+86.49	29.77	RT	100227.087	135360.420	826.84	IPIN	AA	600175.678	2135177.526	826.84
BB	5/8" Iron Pin with cap stamped "CUNNINGHAM S-5274" found	491+61.26	29.51	RT	100233.297	135735.139	830.21	IPID	BB	600181.887	2135552.213	830.21
CC	5/8" Iron Pin with cap stamped "ZWICK" found	491+93.77	29.96	LT	100293.277	135766.700	829.21	IPID	CC	600241.862	2135583.772	829.21
DD	3/4" Iron Pipe found	494+08.92	30.65	LT	100297.394	135982.210	830.98	IPIPE	DD	600245.979	2135799.263	830.98
EE	1" Iron Pipe Bent found	494+78.15	28.53	RT	100239.320	136052.371	833.15	IPIPE	EE	600187.910	2135869.418	833.15
FF	3/4" Iron Pipe found	494+89.02	30.12	LT	100298.137	136062.305	830.98	IPIPE	FF	600246.721	2135879.351	830.98
GG	5/8" Iron Pin with cap stamped "RUDY S-5531" found	497+44.24	29.67	LT	100301.727	136317.107	832.27	IPID	GG	600250.311	2136134.131	832.27
HH	5/8" Iron Pin with cap stamped "RUDY S-5531" found	498+24.22	29.79	LT	100303.123	136397.075	833.33	IPID	HH	600251.707	2136214.093	833.33
II	1" Iron Pipe Bent found	503+83.10	28.98	RT	100253.231	136957.212	841.13	IPIPE	II	600201.819	2136774.182	841.13
JJ	2" Iron Pipe found	503+83.68	30.32	LT	100312.534	136956.844	838.40	IPIPE	JJ	600261.117	2136773.814	838.40
ZZ	5/8" Iron Pin Bent found	481+81.95	299.66	RT	99947.646	134760.637	823.17	IPIN	ZZ	599896.260	2134577.795	823.17
AAAA	Corner Stone with Cross found	452+56.32	1209.06	LT	101453.280	131837.190	802.18	CSF	AAAA	601401.766	2131654.598	802.18
BBBB	1" Iron Pin found	463+93.38	1083.66	LT	101321.440	132970.280	--	IPIN	BBBB	601269.937	2132787.591	--
CCCC	3/4" Iron Pipe found	463+78.40	1202.39	LT	101440.230	132959.230	--	IPIPE	CCCC	601388.717	2132776.542	--

J:\123460\_LOR-82-9.05\_PID\_92836\92836\submit\30 - Centerline Plat to County - Re-record\92836RC002.dgn 1/14/2016 3:28:31 PM bmlks

PID NO. 92836  
R/W DESIGNER  
R/W REVIEWER

CENTERLINE PLAT - DATA

LOR-82-8.98

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

3 / 6  
101  
126

# MONUMENTATION FOUND

PROJECT ADJUSTMENT FACTOR BASED ON: Control point observations were collected using ODOT VRS.

PROJECT ADJ. FACTOR = 1.00008566  
 COMBINE SCALE FACTOR= 0.99991435  
 ENG./METRIC CONV. = 3.28083333

Horizontal Datum - NAD83(2011), Ohio North Zone (3401)  
 Vertical Datum - NAVD88 (Geoid 12A)

Project Ground Coordinates are scaled from GRID Coordinates about the Ohio North Zone Grid Point N=0,E=0  
 Project Ground Coordinates are shifted by N=500,000, E=2,000,000

CENTERLINE OF RIGHT-OF-WAY RELOCATED BOONE ROAD					PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES				
NAME	DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (ft)	EAST (ft)	ORTHO HT (ft)
KK	Monument Box with drillhole found	22+23.49	--	--	97465.403	134295.762	835.44	MONBOX	KK	597414.230	2134112.960	835.44
LL	5/8" Iron Pin with cap stamped "WALKER S-S-5587" found	30+89.77	30.20	RT	98331.330	134334.910	830.45	IPIID	LL	598280.083	2134152.104	830.45
MM	1/2" Iron Pin found	34+75.08	29.96	RT	98716.621	134338.646	826.33	IPIIN	MM	598665.341	2134155.840	826.33
NN	1/2" Iron Pin found	36+75.10	29.77	RT	98916.629	134340.516	826.56	IPIIN	NN	598865.332	2134157.710	826.56
OO	1" Iron Pipe Bent found	38+09.79	29.79	RT	99051.318	134341.934	824.79	IPIPE	OO	599000.009	2134159.128	824.79
PP	1" Iron Pipe found	38+75.21	30.09	RT	99116.731	134342.908	823.99	IPIPE	PP	599065.417	2134160.102	823.99
QQ	5/8" Iron Pipe found	39+05.67	29.76	LT	99147.801	134283.378	824.85	IPIPE	QQ	599096.484	2134100.577	824.85
RR	5/8" Iron Pin with cap stamped "JAMES B ROOT S-5045" found	40+69.47	30.06	LT	99311.603	134284.764	819.06	IPIID	RR	599260.272	2134101.963	819.06
SS	1/2" Iron Pin found	40+75.41	29.88	RT	99316.922	134344.762	--	IPIIN	SS	599265.591	2134161.955	--
TT	5/8" Iron Pin found	43+15.54	19.55	LT	99557.548	134297.822	823.68	IPIIN	TT	599506.196	2134115.019	823.68
UU	5/8" Iron Pin Bent found	44+00.77	30.00	RT	99642.265	134348.242	818.03	IPIIN	UU	599590.906	2134165.435	818.03
VV	1" Iron Pin found	44+46.46	28.79	LT	99688.558	134289.934	822.81	IPIIN	VV	599637.195	2134107.132	822.81
WW	1" Iron Pipe found	45+45.27	30.40	LT	99788.852	134290.646	816.60	IPIPE	WW	599737.480	2134107.844	816.60
XX	1" Iron Pipe found	46+41.34	40.12	LT	99888.705	134291.655	820.03	IPIPE	XX	599837.325	2134108.853	820.03
YY	Iron Pipe found	47+67.10	260.42	RT	99945.021	134610.912	823.27	IPIIN	YY	599893.636	2134428.083	823.27
AAA	5/8" Iron Pin with cap stamped "MCSTEEN S-CA 96-026" found	44+07.92	257.36	RT	99647.068	134575.666	826.22	IPIID	AAA	599595.708	2134392.840	826.22
BBB	5/8" Iron Pin with cap stamped "MCSTEEN S-CA 96-026" found	44+00.15	257.46	RT	99639.288	134575.686	826.50	IPIID	BBB	599587.929	2134392.860	826.50
CCC	5/8" Iron Pin with cap stamped "MCSTEEN S-CA 96-026" found	44+11.40	440.04	RT	99648.653	134758.372	827.07	IPIID	CCC	599597.293	2134575.530	827.07
DDD	5/8" Iron Pin with cap stamped "S-6752-7477" found	64+11.86	31.10	LT	100654.871	134437.886	815.92	IPIID	DDD	600603.425	2134255.071	815.92
EEE	1/2" Iron Pipe found	54+81.42	389.32	LT	100713.071	134080.455	816.95	IPIPE	EEE	600661.620	2133897.671	816.95
FFF	1" Iron Pipe found	56+78.52	32.13	RT	100904.194	134504.640	819.84	IPIPE	FFF	600852.727	2134321.820	819.84
GGG	Iron Pin found	70+19.93	29.99	RT	101262.018	134507.558	818.35	IPIID	GGG	601210.520	2134324.737	818.35
HHH	5/8" Iron Pin with cap stamped "HAYWOOD S-8284" found	70+98.11	24.44	LT	101340.961	134454.235	817.89	IPIIN	HHH	601289.456	2134271.419	817.89
III	5/8" Iron Pin found	72+12.73	30.04	RT	101454.801	134510.322	817.65	IPIIN	III	601403.286	2134327.501	817.65
JJJ	Iron Pin found	72+12.11	24.54	LT	101454.954	134455.739	816.80	IPIIN	JJJ	601403.439	2134272.923	816.80
KKK	1" Iron Pin found	73+25.68	-24.80	LT	101568.510	134457.082	817.23	IPIPE	KKK	601516.986	2134274.266	817.23
LLL	1" Iron Pin found	73+78.04	28.72	RT	101620.118	134511.342	818.32	IPIIN	LLL	601568.589	2134328.521	818.32
MMM	1" Iron Pipe found	74+88.28	26.15	RT	101730.383	134510.325	817.49	IPIPE	MMM	601678.845	2134327.504	817.49
NNN	1" Iron Pipe found	74+93.75	24.76	LT	101736.568	134459.502	817.34	IPIPE	NNN	601685.029	2134276.686	817.34
OOO	5/8" Iron Pin found	75+93.96	30.12	LT	101836.839	134455.551	816.67	IPIIN	OOO	601785.292	2134272.735	816.67
PPP	5/8" Iron Pin found	76+93.72	29.97	LT	101936.590	134457.108	815.97	IPIIN	PPP	601885.034	2134274.292	815.97
QQQ	1" Iron Pipe found	79+93.76	24.89	LT	102236.531	134466.428	815.93	IPIPE	QQQ	602184.949	2134283.611	815.93
RRR	1" Iron Pipe found	80+93.59	24.96	LT	102336.352	134467.761	814.17	IPIPE	RRR	602284.762	2134284.944	814.17
SSS	1" Iron Pipe found	82+09.89	24.94	LT	102452.641	134469.428	814.28	IPIPE	SSS	602401.041	2134286.611	814.28
TTT	5/8" Iron Pin with cap stamped "SHERIDAN S-PS8303" found	82+29.91	25.68	RT	102471.938	134520.323	--	IPIID	TTT	602420.336	2134337.501	--
UUU	5/8" Iron Pin with cap stamped "BASELINE S-6371" found	87+70.34	27.74	RT	103012.290	134530.013	--	IPIID	UUU	602960.642	2134347.191	--
VVV	1" Iron Pipe in Concrete Monument found	off chain	off chain	off chain	103010.501	135940.399	--	IPIPE	VVV	602958.853	2135757.456	--
WWW	Corner Stone Found	off chain	off chain	off chain	103009.689	136434.985	--	CSF	WWW	602958.041	2136251.999	--
XXX	1/2" Iron Pin found	78+07.83	539.93	LT	102057.893	133948.814	812.15	IPIIN	XXX	602006.327	2133766.041	812.15
YYY	1/2" Iron Pin found	78+06.45	659.98	LT	102058.206	133828.756	811.41	IPIIN	YYY	602006.640	2133645.994	811.41
ZZZ	1/2" Iron Pipe found	78+64.19	660.39	LT	102115.948	133829.159	810.91	IPIPE	ZZZ	602064.377	2133646.397	810.91

J:\123460\_LOR-82-9.05\_PID\_92836\92836\submital\30 - Centerline Plat to County - Re-record\92836RC003.dgn 1/14/2016 3:24:00 PM bmlks

PID NO. 92836

R/W DESIGNER  
R/W REVIEWER

CENTERLINE PLAT - DATA

LOR-82-8.98

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

4 / 6  
102  
126

## ALIGNMENT POINTS

PROJECT ADJUSTMENT FACTOR BASED ON: Control point observations were collected using ODOT VRS.

PROJECT ADJ. FACTOR = 1.00008566  
 COMBINE SCALE FACTOR = 0.99991435  
 ENG./METRIC CONV. = 3.28083333

Horizontal Datum - NAD83(2011), Ohio North Zone (3401)

Vertical Datum - NAVD88 (Geoid 12A)

Project Ground Coordinates are scaled from GRID Coordinates about the Ohio North Zone Grid Point N=0,E=0

Project Ground Coordinates are shifted by N=500,000, E=2,000,000

CENTERLINE OF RIGHT-OF-WAY STATE ROUTE 82					PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES				
NAME	DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (ft)	EAST (ft)	ORTHO HT (ft)
POT	Point of Termination	452+38.21	--	--	100244.346	131812.048	--	--	POT	600192.935	2131629.458	--
PI	No Curve, Deflection=0°10'18" LT.	463+91.76	--	--	100237.786	132965.627	--	--	PI	600186.376	2132782.938	--
PI	No Curve, Deflection=0°30'14" LT.	468+82.68	--	--	100236.467	133456.272	--	--	PI	600185.057	2133273.541	--
PI	Intersection with Existing Boone Road Sta: 50+00.00	477+50.86	--	--	100241.770	134324.435	--	--	PI	600190.359	2134141.630	--
PI	Intersection with Relocated Boone Road Sta: 50+10.63	478+40.53	--	--	100242.318	134414.097	--	--	PI	600190.907	2134231.284	--
PI	Intersection with Existing Boone Road Sta: 60+00.00, Deflection=0°33'35" LT.	478+89.60	--	--	100242.617	134463.169	--	--	PI	600191.207	2134280.352	--
POT	Point of Termination	503+83.73	--	--	100282.222	136957.383	--	--	POT	600230.807	2136774.353	--

CENTERLINE OF RIGHT-OF-WAY EXISTING BOONE ROAD (SOUTH)					PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES				
NAME	DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (ft)	EAST (ft)	ORTHO HT (ft)
PI	Intersection with Squire Road	22+23.48	--	--	97465.403	134295.762	--	--	PI	597414.230	2134112.960	--
POT	Point of Termination, Intersection with State Route 82	50+00.00	--	--	100241.770	134324.435	--	--	POT	600190.359	2134141.630	--

CENTERLINE OF RIGHT-OF-WAY EXISTING BOONE ROAD (NORTH)					PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES				
NAME	DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (ft)	EAST (ft)	ORTHO HT (ft)
POT	Point of Termination, Intersection with State Route 82	60+00.00	--	--	100242.617	134463.169	--	--	POT	600191.207	2134280.352	--
POT	Point of Termination	87+69.98	--	--	103012.317	134502.271	--	--	POT	602960.669	2134319.451	--

CENTERLINE OF RIGHT-OF-WAY RELOCATED BOONE ROAD					PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES				
NAME	DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (ft)	EAST (ft)	ORTHO HT (ft)
POT	Point of Termination, Intersection with Squire Road	22+23.48	--	--	97465.403	134295.762	--	--	POT	597414.230	2134112.960	--
PC	Point of Curvature	44+95.03	--	--	99736.829	134319.221	--	--	PC	599685.462	2134136.416	--
PT	Point of Tangency	47+43.12	--	--	99982.110	134352.039	--	--	PT	599930.721	2134169.231	--
PI	Intersection with State Route 82 Sta: 478+40.53	50+10.63	--	--	100242.318	134414.097	--	--	PI	600190.907	2134231.284	--
PC	Point of Curvature	51+40.15	--	--	100368.310	134444.145	--	--	PC	600316.889	2134261.330	--
PT	Point of Tangency	53+13.17	--	--	100539.336	134467.358	--	--	PT	600487.900	2134284.541	--
POT	Point of Termination	54+00.00	--	--	100626.161	134468.584	--	--	POT	600574.717	2134285.766	--

## PINS & MONUMENTS TO BE SET

CENTERLINE OF RIGHT-OF-WAY RELOCATED BOONE ROAD											MONUMENTS TO BE SET DURING CONSTRUCTION	
											ITEM 604E38500	ITEM 604E40500
DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NORTH (ft)	EAST (ft)	ORTHO HT (ft)	MONUMENT ASSEMBLY	REFERENCE MONUMENT
MB1 Monument Box Assembly Set	44+95.03	--	--	99736.829	134319.221	--	MONBOXS	599685.462	2134136.416	--	1	
MB2 Monument Box Assembly Set	47+43.12	--	--	99982.110	134352.039	--	MONBOXS	599930.721	2134169.231	--	1	
MB3 Monument Box Assembly Set	50+10.63	--	--	100242.318	134414.097	--	MONBOXS	600190.907	2134231.284	--	1	
MB4 Monument Box Assembly Set	51+40.15	--	--	100368.310	134444.145	--	MONBOXS	600316.889	2134261.330	--	1	
MB5 Monument Box Assembly Set	53+13.17	--	--	100539.336	134467.358	--	MONBOXS	600487.900	2134284.541	--	1	
MB6 Monument Box Assembly Set	463+92.03	--	--	100237.786	132965.627	--	MONBOXS	600186.376	2132782.938	--	1	
MB7 Monument Box Assembly Set	468+82.68	--	--	100236.467	133456.272	--	MONBOXS	600185.057	2133273.541	--	1	
MB8 Monument Box Assembly Set	478+89.60	--	--	100242.617	134463.169	--	MONBOXS	600191.206	2134280.352	--	1	
<b>TOTAL:</b>											<b>8</b>	<b>0</b>

## SURVEY CONTROL POINTS

CENTERLINE OF RIGHT-OF-WAY STATE ROUTE 82					PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES			STATE PLANE GRID COORDINATES				
NAME	DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (ft)	EAST (ft)	ORTHO HT (ft)	NORTH (M)	EAST (M)	ORTHO HT (ft)
CP01	Primary	468+95.19	23.93	LT	100260.470	133468.640	819.133	--	CP01	600209.058	2133285.908	819.133	182944.087	650226.846	819.133
CP02	Aluminum Cap Rebar	485+56.87	21.63	RT	100231.580	135130.700	824.318	--	CP02	600180.170	2134947.826	824.318	182935.282	650733.400	824.318
CP03	Secondary	477+03.65	23.67	LT	100265.150	134277.080	820.813	--	CP03	600213.737	2134094.279	820.813	182945.513	650473.238	820.813

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

PID NO. 92836

R/W DESIGNER  
R/W REVIEWER

CENTERLINE PLAT - DATA

LOR-82-8.98

5 / 6

103  
126

## PINS TO BE SET

**PROJECT ADJUSTMENT FACTOR BASED ON:** Control point observations were collected using ODOT VRS.  
 Horizontal Datum - NAD83(2011), Ohio North Zone (3401)  
 Vertical Datum - NAVD88 (Geoid 12A)  
 Project Ground Coordinates are scaled from GRID Coordinates about the Ohio North Zone Grid Point N=0,E=0  
 Project Ground Coordinates are shifted by N=500,000, E=2,000,000

PROJECT ADJ. FACTOR = 1.00008566  
 COMBINE SCALE FACTOR = 0.99991435  
 ENG./METRIC CONV. = 3.28083333

**PINS TO BE RESET  
DURING CONSTRUCTION**

ITEM623E40520	ITEM 604
RIGHT OF WAY PIN (TYPE B)	BOUNDARY PIN (TYPE B)

CENTERLINE OF RIGHT-OF-WAY STATE ROUTE 82				PROJECT GROUND COORDINATES				STATE PLANE GRID COORDINATES			RIGHT OF WAY PIN (TYPE B)	BOUNDARY PIN (TYPE B)
DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NORTH (ft)	EAST (ft)	ORTHO HT (ft)		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	472+08.36	34.57	LT	100273.025	133781.736	--	IPINS	600221.612	2133598.978	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	475+02.25	45.00	LT	100285.251	134075.555	--	IPINS	600233.837	2133892.771	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	478+01.00	45.00	LT	100287.075	134374.296	--	IPINS	600235.660	2134191.487	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	476+81.00	38.00	LT	100279.343	134254.345	--	IPINS	600227.929	2134071.546	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	479+27.26	50.00	LT	100293.209	134500.029	--	IPINS	600241.794	2134317.209	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	480+90.86	42.00	LT	100287.807	134663.737	--	IPINS	600236.392	2134480.903	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	473+30.00	33.00	LT	100272.199	133903.382	--	IPINS	600220.786	2133720.613	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	474+00.00	43.00	LT	100282.626	133973.319	--	IPINS	600231.212	2133790.544	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	482+36.85	42.00	LT	100290.125	134809.71	--	IPINS	600238.710	2134626.864	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	483+91.20	45.00	LT	100295.575	134963.988	--	IPINS	600244.160	2134781.128	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	485+45.40	30.00	LT	100283.025	135118.409	--	IPINS	600231.611	2134935.536	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	471+06.15	30.00	RT	100207.833	133679.924	--	IPINS	600156.425	2133497.174	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	472+37.33	55.00	RT	100183.634	133811.251	--	IPINS	600132.228	2133628.490	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	473+62.33	55.00	RT	100184.398	133936.248	--	IPINS	600132.992	2133753.476	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	474+87.43	49.18	RT	100190.977	134061.312	--	IPINS	600139.571	2133878.530	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	477+20.03	50.00	RT	100191.583	134293.915	--	IPINS	600140.177	2134111.113	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	479+05.15	50.00	RT	100192.871	134479.514	--	IPINS	600141.464	2134296.696	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	480+38.65	47.65	RT	100197.345	134612.952	--	IPINS	600145.938	2134430.122	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	481+88.61	45.00	RT	100202.37	134762.852	--	IPINS	600150.963	2134580.010	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	482+98.61	45.00	RT	100204.117	134872.838	--	IPINS	600152.710	2134689.986	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	485+22.25	30.00	RT	100222.665	135096.215	--	IPINS	600171.256	2134913.344	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	471+00.00	30.00	LT	100267.794	133673.404	--	IPINS	600216.381	2133490.655	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	471+75.00	35.00	LT	100273.252	133748.372	--	IPINS	600221.839	2133565.616	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	476+85.00	40.00	RT	100201.368	134258.821	--	IPINS	600149.961	2134076.022	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	468+82.81	30.00	LT	100266.467	133456.22	--	IPINS	600215.054	2133273.489	--		

CENTERLINE OF RIGHT-OF-WAY RELOCATED BOONE ROAD				PROJECT GROUND COORDINATES				STATE PLANE GRID COORDINATES			RIGHT OF WAY PIN (TYPE B)	BOUNDARY PIN (TYPE B)
DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NORTH (ft)	EAST (ft)	ORTHO HT (ft)		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	52+50.00	40.00	LT	100480.385	134423.893	--	IPINS	600428.954	2134241.080	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	54+28.02	30.00	LT	100654.604	134438.982	--	IPINS	600603.158	2134256.167	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	54+06.75	30.00	RT	100632.483	134498.676	--	IPINS	600581.039	2134315.856	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	53+98.79	54.68	RT	100624.179	134523.242	--	IPINS	600572.736	2134340.420	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	52+50.00	66.00	RT	100469.556	134529.339	--	IPINS	600418.126	2134346.517	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	47+00.00	50.00	RT	99929.600	134390.895	--	IPINS	599878.216	2134208.084	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	45+50.00	44.00	RT	99788.907	134365.189	--	IPINS	599737.535	2134182.381	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	44+00.02	40.53	RT	99641.407	134358.672	--	IPINS	599590.048	2134175.864	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	43+69.00	39.50	RT	99610.396	134357.417	--	IPINS	599559.039	2134174.609	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	43+20.50	30.00	LT	99562.613	134287.420	--	IPINS	599511.260	2134104.618	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	44+46.43	40.00	LT	99688.645	134278.721	--	IPINS	599637.282	2134095.920	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	45+44.44	41.26	LT	99788.639	134279.753	--	IPINS	599737.267	2134096.952	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	46+39.68	50.85	LT	99888.634	134280.786	--	IPINS	599837.254	2134097.985	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	47+37.50	60.67	LT	99991.687	134291.851	--	IPINS	599940.298	2134109.049	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	48+00.00	59.00	RT	100023.750	134422.624	--	IPINS	599972.358	2134239.811	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	42+75.33	30.00	RT	99516.830	134346.950	--	IPINS	599465.481	2134164.143	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	43+20.42	35.00	LT	99562.582	134282.419	--	IPINS	599511.229	2134099.618	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	50+60.00	37.57	LT	100299.060	134389.008	--	IPINS	600247.644	2134206.198	--		
3/4" Iron Rebar with 2" Aluminum cap stamped "ODOT R/W" and "BRAMHALL 8073" set	41+73.48	30.00	RT	99414.992	134345.898	--	IPINS	599363.652	2134163.091	--		
<b>TOTAL:</b>											0	0

J:\123460 LOR-82-9.05 PID 92836\92836\submit\30 - Centerline Plat to County - Re-record\92836RC005.dgn 1/14/2016 3:25:10 PM bmlks

PID NO. **92836**

R/W DESIGNER  
R/W REVIEWER

**CENTERLINE PLAT - DATA**

**LOR-82-8.98**

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

6 / 6  
 104  
 126