

J:\123460 LOR-82-9.05 PID 92836\92836\submit\24 - Centerline Plat to County_Revise\CAD files for our use - not sent to county\92836R001.dgn 7/6/2015 8:46:42 AM bmlkls

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.

<p>☐ OF CONST. T.R. 130 P.I. Sta. 46+07.59 $\Delta = 12^\circ 49' 20''$ (RT) Dc = 5° 40' 00" R = 1,011.10' T = 113.61' L = 226.28' E = 6.36' C = 225.80' C.B. = N 7° 00' 10" E P.C. STA. 44+93.97 P.T. STA. 47+20.25</p>	<p>☐ OF CONST. T.R. 130 P.I. Sta. 52+35.42 $\Delta = 12^\circ 36' 19''$ (LT) Dc = 8° 00' 00" R = 716.20' T = 79.10' L = 157.57' E = 4.36' C = 157.25' C.B. = N 7° 06' 41" E P.C. STA. 51+56.32 P.T. STA. 53+13.88</p>
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TRANSFERRED
IN COMPLIANCE WITH SEC. 319-202
OHIO REV. CODE
AUG 13 2015
J. CRAIG SNODGRASS, CPA, CGFM
LORAIN COUNTY AUDITOR

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

NOTES

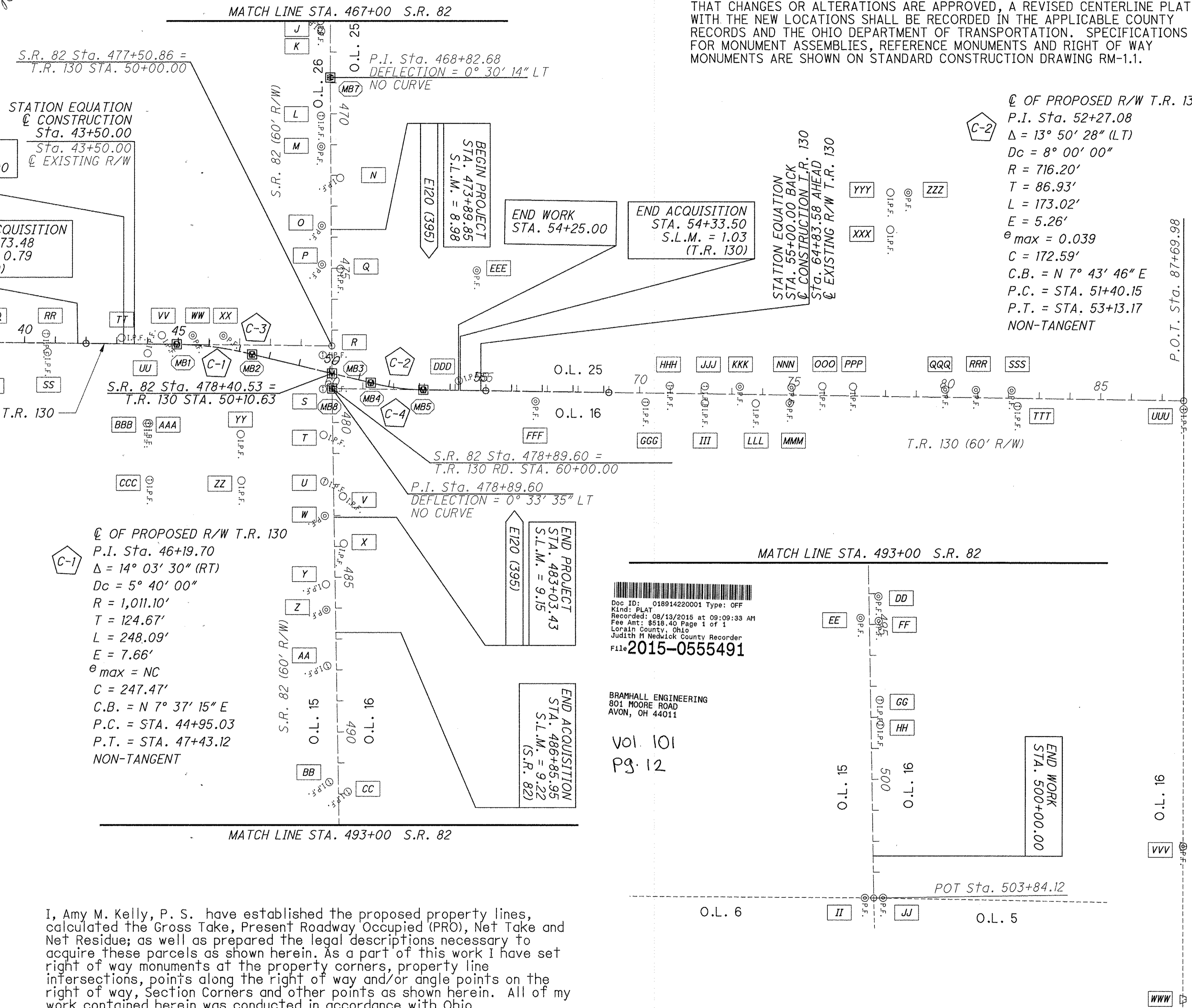
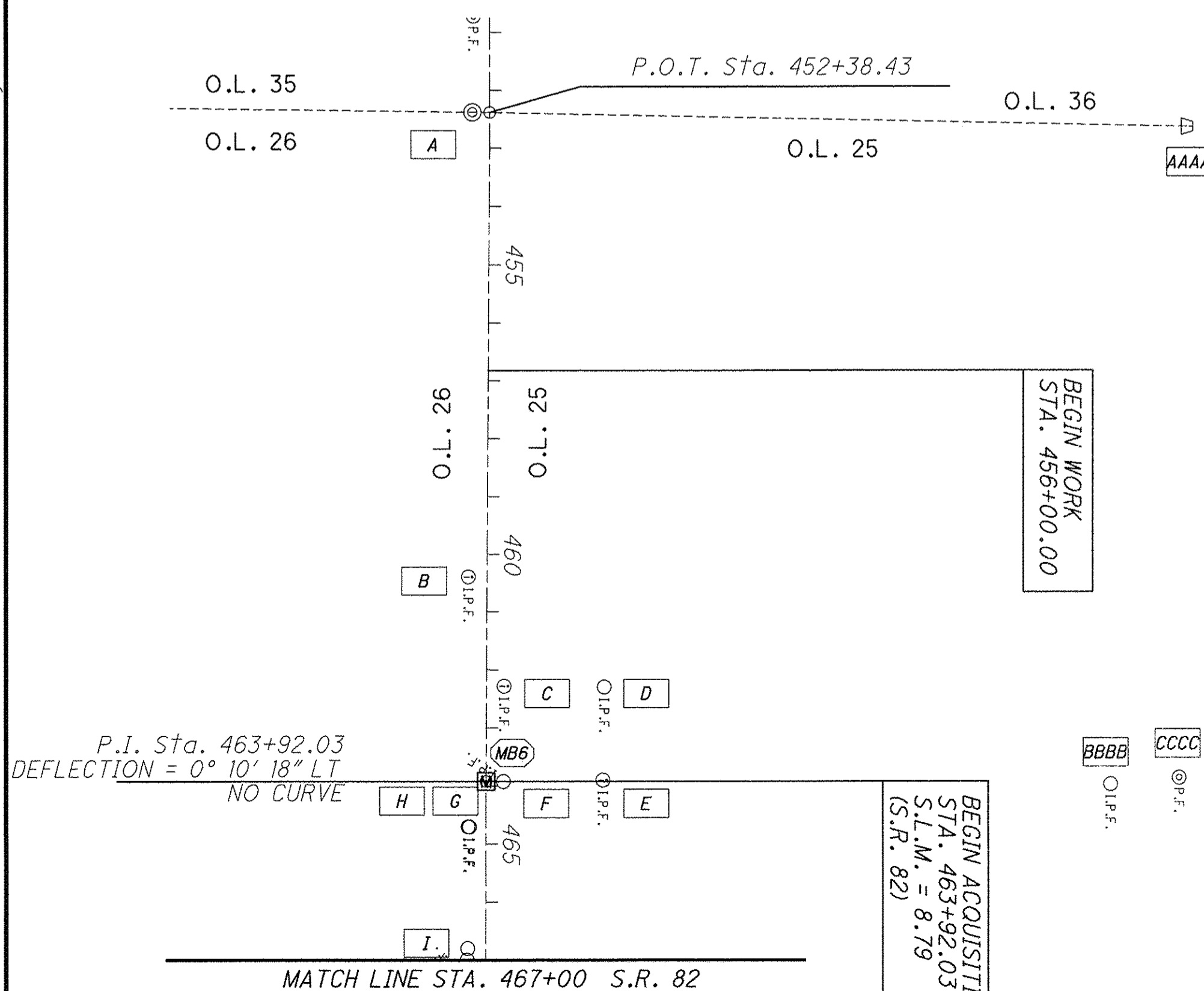
SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

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.

BASIS OF EXISTING RIGHT-OF-WAY

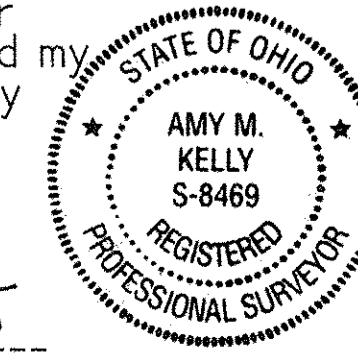
THE EXISTING R/W WIDTHS, CENTERLINES, AND PROPERTY LINE LOCATIONS WERE DETERMINED USING DOCUMENTATION OBTAINED FROM O.D.O.T. DISTRICT 3, THE LORAIN COUNTY ENGINEER'S OFFICE, THE LORAIN COUNTY RECORDER'S OFFICE AND THE FOLLOWING REFERENCES:

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



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: July 6, 2015



Doc ID: 01891422001 Type: OFF
Kind: PLAT
Recorded: 08/13/2015 at 09:09:33 AM
Fee Amt: \$518.40 Page 1 of 1
Lorain County, Ohio
Judith M Medwick County Recorder
File: 2015-0555491

BRAMHALL ENGINEERING
801 MOORE ROAD
AVON, OH 44011

Vol. 101
Pg. 12

- 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
 - R.F. IRON PIPE FOUND

RECEIVED _____, 20____
RECORDED _____, 20____
BOOK _____ PAGE _____
COUNTY RECORDER

CENTERLINE PLAT

PID NO. **92836**

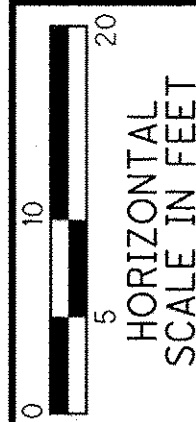
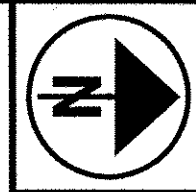
R/W DESIGNER _____ R/W REVIEWER _____

LOR-82-8.98

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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

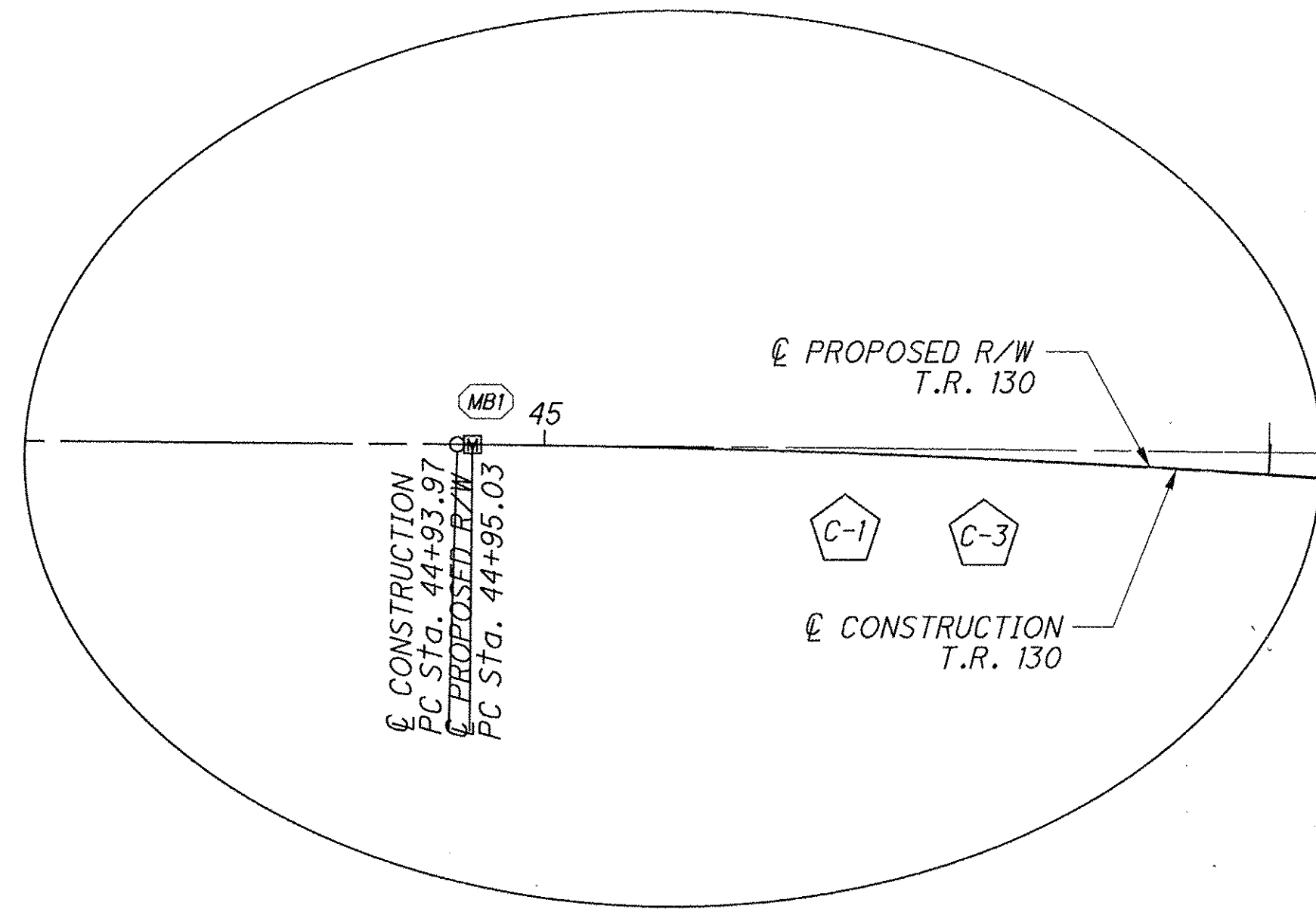
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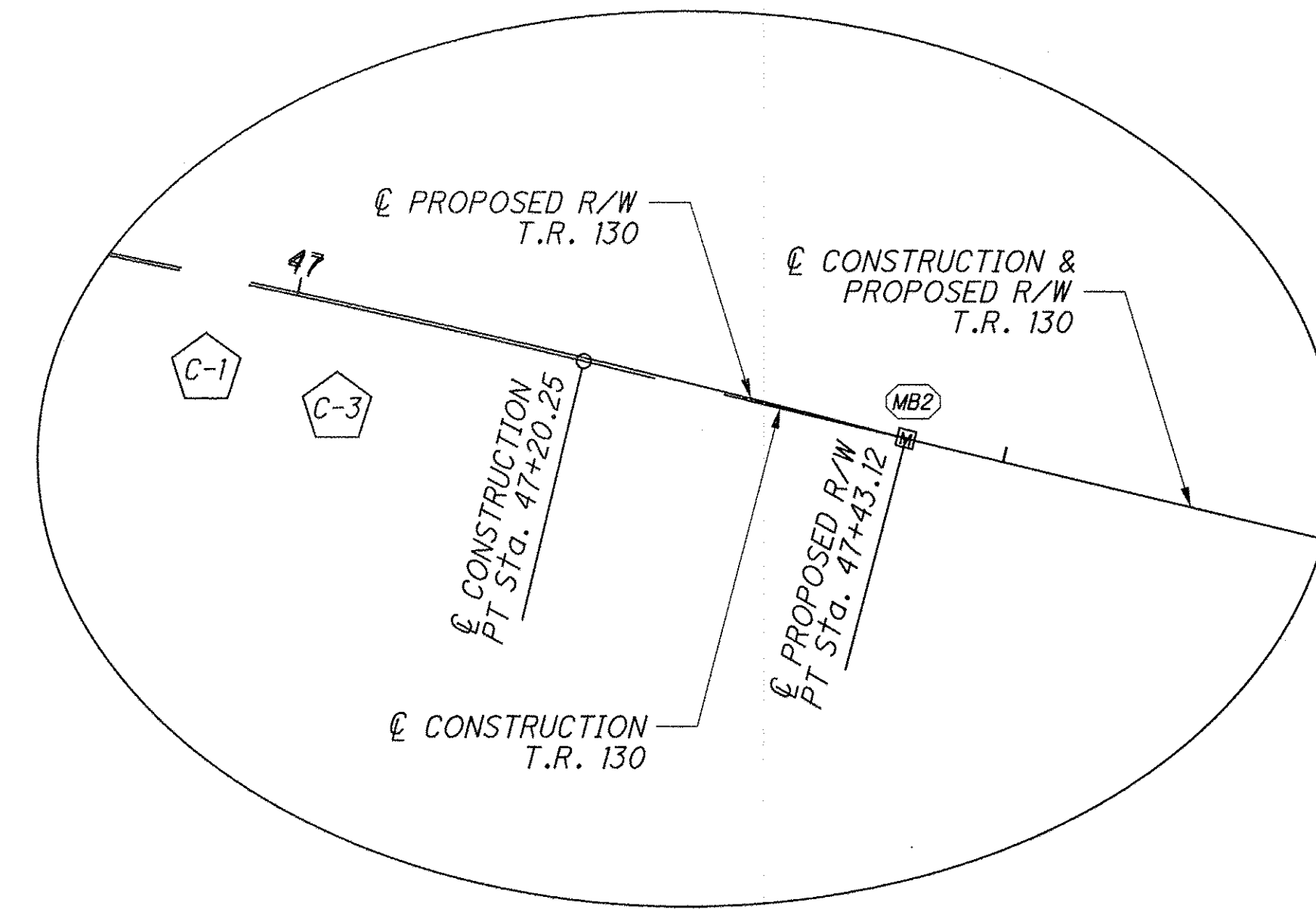
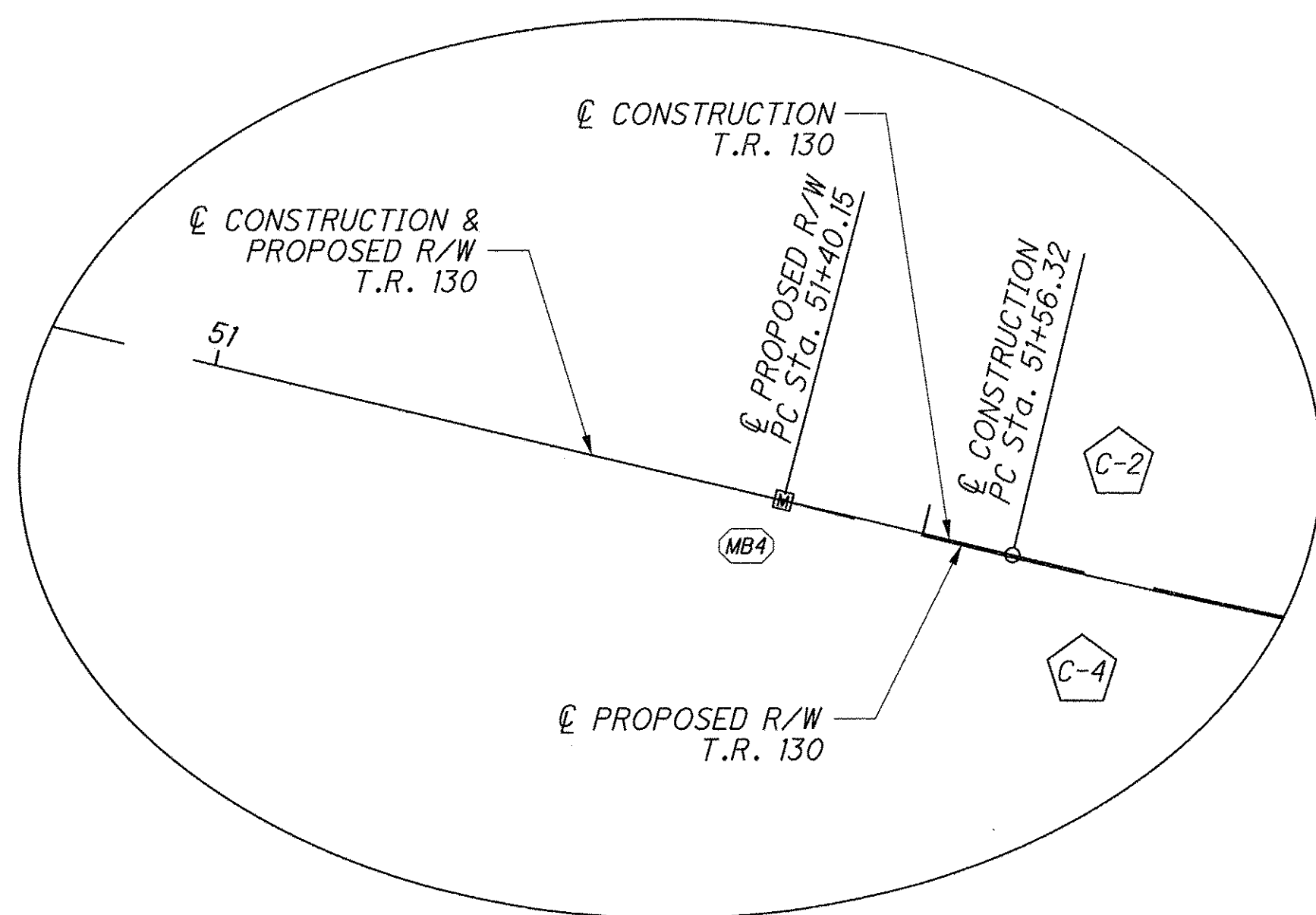
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C-1
 ☉ OF PROPOSED R/W T.R. 130
 P.I. Sta. 46+19.70
 $\Delta = 14^\circ 03' 30''$ (RT)
 $Dc = 5^\circ 40' 00''$
 $R = 1,011.10'$
 $T = 124.67'$
 $L = 248.09'$
 $E = 7.66'$
 $e_{max} = NC$
 $C = 247.47'$
 C.B. = $N 7^\circ 37' 15'' E$
 P.C. = STA. 44+95.03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

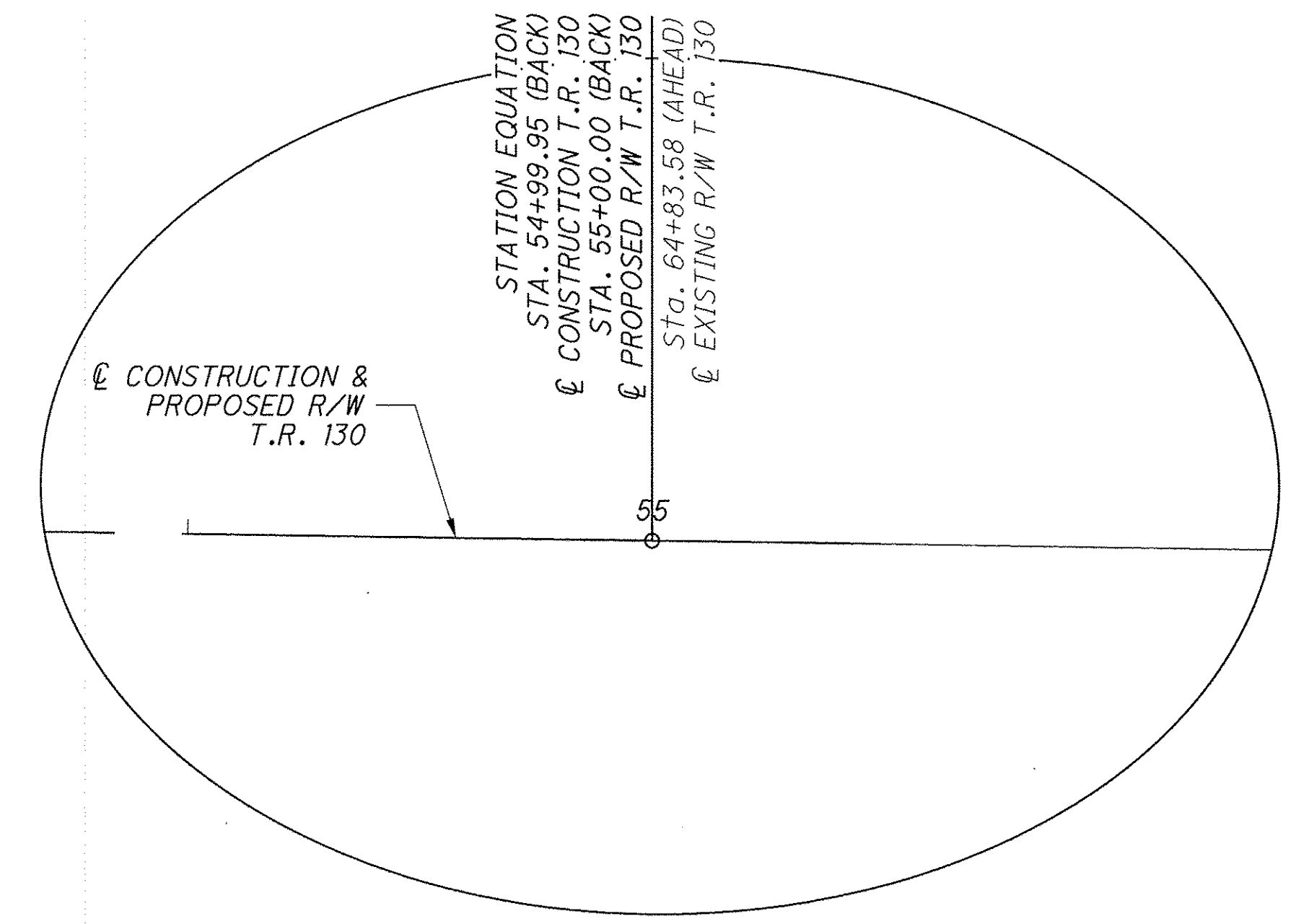
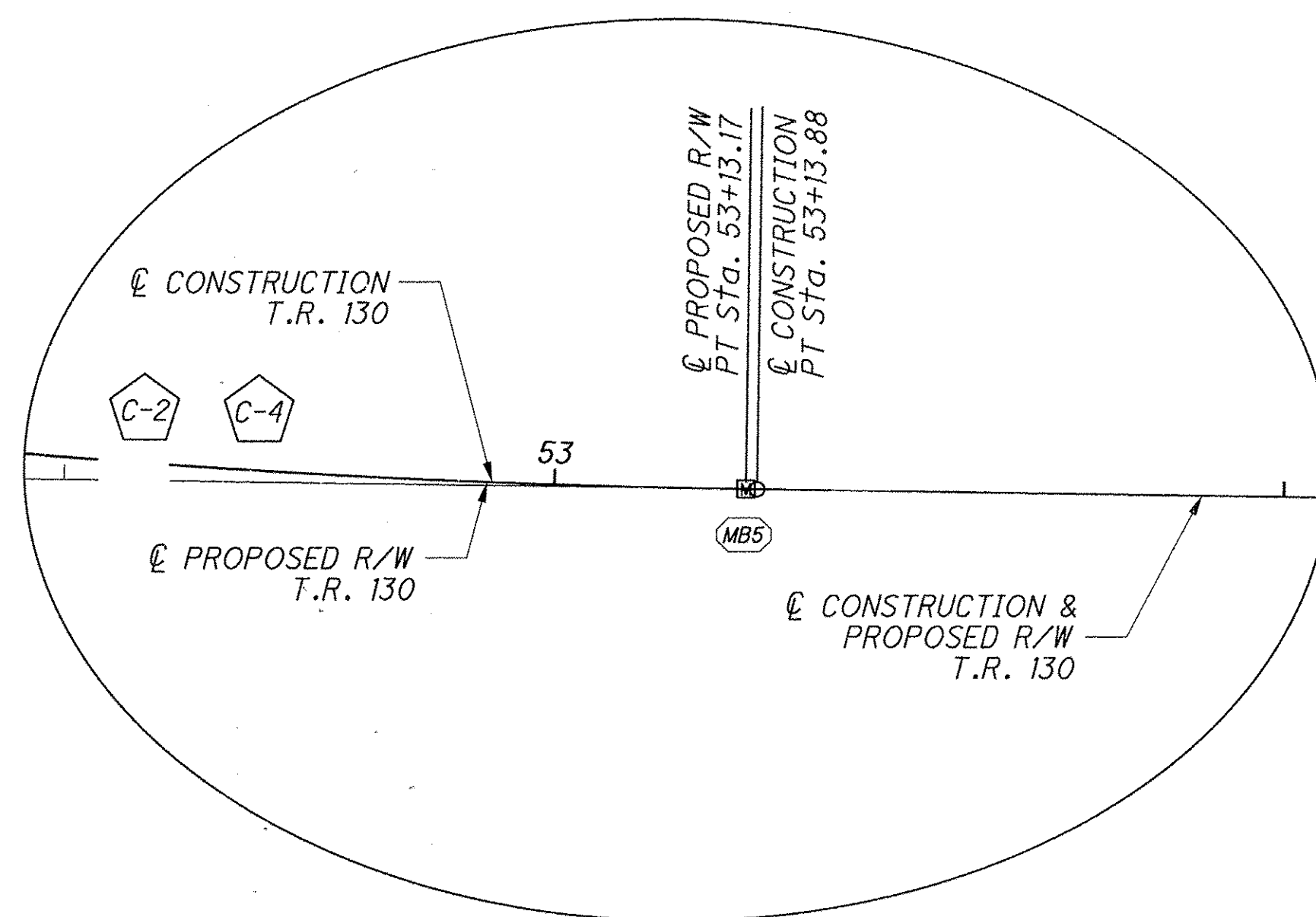


C-2
 ☉ OF PROPOSED R/W T.R. 130
 P.I. Sta. 52+27.08
 $\Delta = 13^\circ 50' 28''$ (LT)
 $Dc = 8^\circ 00' 00''$
 $R = 716.20'$
 $T = 86.93'$
 $L = 173.02'$
 $E = 5.26'$
 $e_{max} = 0.039$
 $C = 172.59'$
 C.B. = $N 7^\circ 43' 46'' E$
 P.C. = STA. 51+40.15
 P.T. = STA. 53+13.17
 NON-TANGENT



C-3
 ☉ 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
 ☉ 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



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

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 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	700154.377	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	700147.298	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	700209.233	2132619.076	--
D	3/4" Iron Pin found	462+28.06	204.17	LT	100442.879	132803.206	--	IPIN	D	700382.886	2132620.531	--
E	Iron Pin found	463+88.24	202.67	LT	100440.476	132963.215	816.17	IPIN	E	700380.483	2132780.527	816.17
F	5/8" Iron Pin Bent found	463+91.31	30.00	LT	100267.790	132965.464	--	IPIN	F	700207.812	2132782.776	--
G	5/8" Iron Pin in concrete found	464+70.23	28.76	RT	100208.820	133044.142	809.33	IPIN	G	700148.847	2132861.447	809.33
H	5/8" Iron Pin found	464+69.98	31.04	RT	100206.532	133043.885	809.84	IPIN	H	700146.559	2132861.190	809.84
I	1/2" Iron Pin Bent found	466+79.73	31.29	RT	100205.727	133253.630	--	IPIN	I	700145.754	2133070.917	--
J	1/2" Iron Pin found	466+99.69	32.28	RT	100204.674	133273.582	--	IPIN	J	700144.701	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	700146.787	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	700146.082	2133397.333	--
M	1" Iron Pipe found	471+05.74	30.91	RT	100206.918	133679.909	--	IPIPE	M	700146.945	2133497.159	--
N	3/4" Iron Pin found	472+07.89	30.01	LT	100268.460	133781.682	--	IPIN	N	700208.482	2133598.924	--
O	1" Iron Pipe Bent found	473+62.33	30.44	RT	100208.959	133936.489	--	IPIPE	O	700148.986	2133753.717	--
P	3/4" Iron Pipe found	474+87.40	30.46	RT	100209.705	134061.555	--	IPIPE	P	700149.732	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	700209.532	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	700152.205	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	700152.890	2134282.020	821.17
T	5/8" Iron Pin found	480+38.92	29.99	RT	100215.012	134613.344	819.93	IPIN	T	700155.039	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	700157.697	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	700218.168	2134627.903	823.06
W	1" Iron Pipe found	482+99.94	29.94	RT	100219.205	134874.331	824.70	IPIPE	W	700159.231	2134691.479	824.70
X	5/8" Iron Pin found	483+90.58	30.24	LT	100280.818	134964.000	823.16	IPIN	X	700220.839	2134781.140	823.16
Y	5/8" Iron Pin found	485+21.93	29.75	RT	100222.922	135096.285	--	IPIN	Y	700162.948	2134913.414	--
Z	3/4" Iron Pipe found	486+03.99	29.93	RT	100224.043	135178.337	824.52	IPIPE	Z	700164.069	2134995.459	824.52
AA	5/8" Iron Pin found	487+86.49	29.77	RT	100227.087	135360.420	826.84	IPIN	AA	700167.113	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	700173.322	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	700233.297	2135583.772	829.21
DD	3/4" Iron Pipe found	494+08.92	30.65	LT	100297.394	135982.210	830.98	IPIPE	DD	700237.414	2135799.263	830.98
EE	1" Iron Pipe Bent found	494+78.15	28.53	RT	100239.320	136052.371	833.15	IPIPE	EE	700179.345	2135869.418	833.15
FF	3/4" Iron Pipe found	494+89.02	30.12	LT	100298.137	136062.305	830.98	IPIPE	FF	700238.156	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	700241.746	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	700243.142	2136214.093	833.33
II	1" Iron Pipe Bent found	503+83.10	28.98	RT	100253.231	136957.212	841.13	IPIPE	II	700193.254	2136774.182	841.13
JJ	2" Iron Pipe found	503+83.68	30.32	LT	100312.534	136956.844	838.40	IPIPE	JJ	700252.552	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	699887.695	2134577.795	823.17
AAAA	Corner Stone with Cross found	452+56.32	1209.06	LT	101453.280	131837.190	802.18	CSF	AAAA	701393.201	2131654.598	802.18
BBBB	1" Iron Pin found	463+93.38	1083.66	LT	101321.440	132970.280	--	IPIN	BBBB	701261.372	2132787.591	--
CCCC	3/4" Iron Pipe found	463+78.40	1202.39	LT	101440.230	132959.230	--	IPIPE	CCCC	701380.152	2132776.542	--

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

CENTERLINE PLAT - DATA

LOR-82-8.98

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 RECORDED _____, 20____
 BOOK _____ PAGE _____
 COUNTY RECORDER

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 101
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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	697405.665	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	698271.518	2134152.104	830.45
MM	1/2" Iron Pin found	34+75.08	29.96	RT	98716.621	134338.646	826.33	IPIIN	MM	698656.776	2134155.840	826.33
NN	1/2" Iron Pin found	36+75.10	29.77	RT	98916.629	134340.516	826.56	IPIIN	NN	698856.767	2134157.710	826.56
OO	1" Iron Pipe Bent found	38+09.79	29.79	RT	99051.318	134341.934	824.79	IPIPE	OO	698991.444	2134159.128	824.79
PP	1" Iron Pipe found	38+75.21	30.09	RT	99116.731	134342.908	823.99	IPIPE	PP	699056.852	2134160.102	823.99
QQ	5/8" Iron Pipe found	39+05.67	29.76	LT	99147.801	134283.378	824.85	IPIPE	QQ	699087.919	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	699251.707	2134101.963	819.06
SS	1/2" Iron Pin found	40+75.41	29.88	RT	99316.922	134344.762	--	IPIIN	SS	699257.026	2134161.955	--
TT	5/8" Iron Pin found	43+15.54	19.55	LT	99557.548	134297.822	823.68	IPIIN	TT	699497.631	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	699582.341	2134165.435	818.03
VV	1" Iron Pin found	44+46.46	28.79	LT	99688.558	134289.934	822.81	IPIIN	VV	699628.630	2134107.132	822.81
WW	1" Iron Pipe found	45+45.27	30.40	LT	99788.852	134290.646	816.60	IPIPE	WW	699728.915	2134107.844	816.60
XX	1" Iron Pipe found	46+41.34	40.12	LT	99888.705	134291.655	820.03	IPIPE	XX	699828.760	2134108.853	820.03
YY	Iron Pipe found	47+67.10	260.42	RT	99945.021	134610.912	823.27	IPIIN	YY	699885.071	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	699587.143	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	699579.364	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	699588.728	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	700594.860	2134255.071	815.92
EEE	1/2" Iron Pipe found	54+81.42	389.32	LT	100713.071	134080.455	816.95	IPIPE	EEE	700653.055	2133897.671	816.95
FFF	1" Iron Pipe found	56+78.52	32.13	RT	100904.194	134504.640	819.84	IPIPE	FFF	700844.162	2134321.820	819.84
GGG	Iron Pin found	70+19.93	29.99	RT	101262.018	134507.558	818.35	IPIID	GGG	701201.955	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	701280.891	2134271.419	817.89
III	5/8" Iron Pin found	72+12.73	30.04	RT	101454.801	134510.322	817.65	IPIIN	III	701394.721	2134327.501	817.65
JJJ	Iron Pin found	72+12.11	24.54	LT	101454.954	134455.739	816.80	IPIIN	JJJ	701394.874	2134272.923	816.80
KKK	1" Iron Pin found	73+25.68	-24.80	LT	101568.510	134457.082	817.23	IPIPE	KKK	701508.421	2134274.266	817.23
LLL	1" Iron Pin found	73+78.04	28.72	RT	101620.118	134511.342	818.32	IPIIN	LLL	701560.024	2134328.521	818.32
MMM	1" Iron Pipe found	74+88.28	26.15	RT	101730.383	134510.325	817.49	IPIPE	MMM	701670.280	2134327.504	817.49
NNN	1" Iron Pipe found	74+93.75	24.76	LT	101736.568	134459.502	817.34	IPIPE	NNN	701676.464	2134276.686	817.34
OOO	5/8" Iron Pin found	75+93.96	30.12	LT	101836.839	134455.551	816.67	IPIIN	OOO	701776.727	2134272.735	816.67
PPP	5/8" Iron Pin found	76+93.72	29.97	LT	101936.590	134457.108	815.97	IPIIN	PPP	701876.469	2134274.292	815.97
QQQ	1" Iron Pipe found	79+93.76	24.89	LT	102236.531	134466.428	815.93	IPIPE	QQQ	702176.384	2134283.611	815.93
RRR	1" Iron Pipe found	80+93.59	24.96	LT	102336.352	134467.761	814.17	IPIPE	RRR	702276.197	2134284.944	814.17
SSS	1" Iron Pipe found	82+09.89	24.94	LT	102452.641	134469.428	814.28	IPIPE	SSS	702392.476	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	702411.771	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	702952.077	2134347.191	--
VVV	1" Iron Pipe in Concrete Monument found	off chain	off chain	off chain	103010.501	135940.399	--	IPIPE	VVV	702950.288	2135757.456	--
WWW	Corner Stone Found	off chain	off chain	off chain	103009.689	136434.985	--	CSF	WWW	702949.476	2136251.999	--
XXX	1/2" Iron Pin found	78+07.83	539.93	LT	102057.893	133948.814	812.15	IPIIN	XXX	701997.762	2133766.041	812.15
YYY	1/2" Iron Pin found	78+06.45	659.98	LT	102058.206	133828.756	811.41	IPIIN	YYY	701998.075	2133645.994	811.41
ZZZ	1/2" Iron Pipe found	78+64.19	660.39	LT	102115.948	133829.159	810.91	IPIPE	ZZZ	702055.812	2133646.397	810.91

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PID NO. 92836

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CENTERLINE PLAT - DATA

LOR-82-8.98

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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	700184.370	2131629.458	--
PI	No Curve, Deflection=0°10'18" LT.	463+91.76	--	--	100237.786	132965.627	--	--	PI	700177.811	2132782.938	--
PI	No Curve, Deflection=0°30'14" LT.	468+82.68	--	--	100236.467	133456.272	--	--	PI	700176.492	2133273.541	--
PI	Intersection with Existing Boone Road Sta: 50+00.00	477+50.86	--	--	100241.770	134324.435	--	--	PI	700181.794	2134141.630	--
PI	Intersection with Relocated Boone Road Sta: 50+10.63	478+40.53	--	--	100242.318	134414.097	--	--	PI	700182.342	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	700182.642	2134280.352	--
POT	Point of Termination	503+83.73	--	--	100282.222	136957.383	--	--	POT	700222.242	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	697405.665	2134112.960	--
POT	Point of Termination, Intersection with State Route 82	50+00.00	--	--	100241.770	134324.435	--	--	POT	700181.794	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	700182.642	2134280.352	--
POT	Point of Termination	87+69.98	--	--	103012.317	134502.271	--	--	POT	702952.104	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	697405.665	2134112.960	--
PC	Point of Curvature	44+95.03	--	--	99736.829	134319.221	--	--	PC	699676.897	2134136.416	--
PT	Point of Tangency	47+43.12	--	--	99982.110	134352.039	--	--	PT	699922.156	2134169.231	--
PI	Intersection with State Route 82 Sta. 478+40.53	50+10.63	--	--	100242.318	134414.097	--	--	PI	700182.342	2134231.284	--
PC	Point of Curvature	51+40.15	--	--	100368.310	134444.145	--	--	PC	700308.324	2134261.330	--
PT	Point of Tangency	53+13.17	--	--	100539.336	134467.358	--	--	PT	700479.335	2134284.541	--
POT	Point of Termination	54+00.00	--	--	100626.161	134468.584	--	--	POT	700566.152	2134285.766	--

PINS & MONUMENTS TO BE SET

MONUMENTS TO BE SET DURING CONSTRUCTION

CENTERLINE OF RIGHT-OF-WAY RELOCATED BOONE ROAD								PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES			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	699676.897	2134136.416	--	1				
MB2 Monument Box Assembly Set	47+43.12	--	--	99982.110	134352.039	--	MONBOXS	699922.156	2134169.231	--	1				
MB3 Monument Box Assembly Set	50+10.63	--	--	100242.318	134414.097	--	MONBOXS	700182.342	2134231.284	--	1				
MB4 Monument Box Assembly Set	51+40.15	--	--	100368.310	134444.145	--	MONBOXS	700308.324	2134261.330	--	1				
MB5 Monument Box Assembly Set	53+13.17	--	--	100539.336	134467.358	--	MONBOXS	700479.335	2134284.541	--	1				
MB6 Monument Box Assembly Set	463+92.03	--	--	100237.786	132965.627	--	MONBOXS	700177.811	2132782.938	--	1				
MB7 Monument Box Assembly Set	468+82.68	--	--	100236.467	133456.272	--	MONBOXS	700176.492	2133273.541	--	1				
MB8 Monument Box Assembly Set	478+89.60	--	--	100242.617	134463.169	--	MONBOXS	700182.641	2134280.352	--	1				
TOTAL:											8	0			

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	700200.493	2133285.908	819.133	213421.537	650226.846	819.133
CP02	Aluminum Cap Rebar	485+56.87	21.63	RT	100231.580	135130.700	824.318	--	CP02	700171.605	2134947.826	824.318	213412.732	650733.400	824.318
CP03	Secondary	477+03.65	23.67	LT	100265.150	134277.080	820.813	--	CP03	700205.172	2134094.279	820.813	213422.964	650473.238	820.813

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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 ADJ. FACTOR = 1.00008566
COMBINE SCALE FACTOR = 0.99991435
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

PINS TO BE RESET DURING CONSTRUCTION

ITEM623E40520 ITEM 604

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	700213.047	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	700225.272	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	700227.095	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	700219.364	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	700233.229	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	700227.827	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	700212.221	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	700222.647	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	700230.145	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	700235.595	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	700223.046	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	700147.860	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	700123.663	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	700124.427	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	700131.006	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	700131.612	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	700132.899	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	700137.373	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	700142.398	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	700144.145	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	700162.691	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	700207.816	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	700213.274	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	700141.396	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	700206.489	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	700420.389	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	700594.593	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	700572.474	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	700564.171	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	700409.561	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	699869.651	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	699728.970	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	699581.483	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	699550.474	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	699502.695	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	699628.717	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	699728.702	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	699828.689	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	699931.733	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	699963.793	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	699456.916	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	699502.664	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	700239.079	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	699355.087	2134163.091	--		
TOTAL:											0	0

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CENTERLINE PLAT - DATA

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