

Doc ID: 016388230001 Type: OFF  
 Kind: PLAT  
 Recorded: 04/13/2011 at 10:39:20 AM  
 Fee Amt: \$326.40 Page 1 of 1  
 Lorain County, Ohio  
 Judith H. Nedwick County Recorder  
 File # 2011-0370181

MOUMENTS TO BE SET DURING CONSTRUCTION						
PROJECT ITEM NUMBER	E of RIGHT OF WAY ALIGNMENT	DISTANCE FROM E of RIGHT OF WAY		ADJUSTABLE E MONUMENTS	ADJUSTABLE TO GRADE	REFERENCE MONUMENT
		LEFT	RIGHT	ITEM 604E 38500	ITEM 604E 39500	ITEM 604
25	31+00.00 (NAGEL RD.)	0	0	1		
74	42+86.29 (NAGEL RD.)	0	0	1		
33	46+42.02 (NAGEL RD.)	0	0		1	
79	52+00.00 (NAGEL RD.)	0	0	1		
39	72+00.00 (NAGEL RD.)	0	0	1		
45	1+60.49 (AVON RD.)	0	0	1		
80	7+10.54 (AVON RD.)	0	0	1		
81	9+59.08 (AVON RD.)	0	0	1		
88	1135+00.00 (I-90)	125.00'	-			1
89	1135+00.00 (I-90)	-	120.00'			1
90	1147+68.61 (I-90)	160.00'	-			1
91	1147+68.61 (I-90)	-	205.00'			1
92	1157+00.00 (I-90)	120.00'	-			1
93	1157+00.00 (I-90)	-	180.00'			1
94	1164+85.24 (I-90)	95.00'	-			1
95	1164+85.24 (I-90)	-	140.00'			1
96	1173+00.00 (I-90)	160.00'	-			1
97	1173+00.00 (I-90)	-	120.00'			1
98	1180+00.00 (I-90)	115.00'	-			1
99	1180+00.00 (I-90)	-	110.00'			1
TOTAL TO GENERAL SUMMARY				7	1	12

- RAMP 3 ALIGNMENT LABELS
- ① PC Sta. 48+73.40
  - ② CS Sta. 55+35.67
  - ③ ST Sta. 57+35.67
  - ④ TS Sta. 57+55.67
  - ⑤ SC Sta. 58+45.67

- MONUMENT LEGEND
- ⊠ EXISTING R/W MONUMENT BOX
  - ⊡ PROPOSED R/W MONUMENT BOX
  - ⊙ EXISTING CONCRETE MONUMENT
  - PROPOSED CONCRETE MONUMENT
  - I.P.F. IRON PIN FOUND
  - ⊙ I.P.F. IRON PIN FOUND W/ ID CAP
  - ⊙ I.P.S. IRON PIN SET W/ ID CAP
  - ⊙ I.P.F. IRON PIPE FOUND
  - ⊙ M.N.F. MAG NAIL FOUND

BASIS FOR BEARINGS:  
 ALL BEARINGS SHOWN ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD83 (1995) DATUM.  
 BASIS OF EXISTING E OF R/W AND R/W WIDTH THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED FROM RECORD TAX MAPS, DEEDS, PLATS, AND ODOT R/W PLAN LOR-90-19.95 ON FILE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, DISTRICT 3 OFFICE ASHLAND, OHIO  
 LEAR INDUSTRIAL PARK No. 1, PLAT VOL. 59 PG. 13  
 LEAR INDUSTRIAL PARK No. 2, PLAT VOL. 63 PG. 47

N

HORIZONTAL SCALE IN FEET

PID NO. 83607

R/W DESIGNER JPS  
R/W REVIEWER WJS

CENTERLINE PLAT

LOR-90-22.26

1 / 6  
2 / 53

**LOR-90-22.26**  
 LORAIN COUNTY  
 CITY OF AVON  
 SECTION 21  
 T-7-N R-16-W

**LOR-90-22.26**  
 LORAIN COUNTY  
 CITY OF AVON  
 SECTION 28  
 T-7-N R-16-W

THE PROPOSED RIGHT OF WAY SHALL BE REFERENCED FROM THE CENTERLINE OF RIGHT OF WAY.

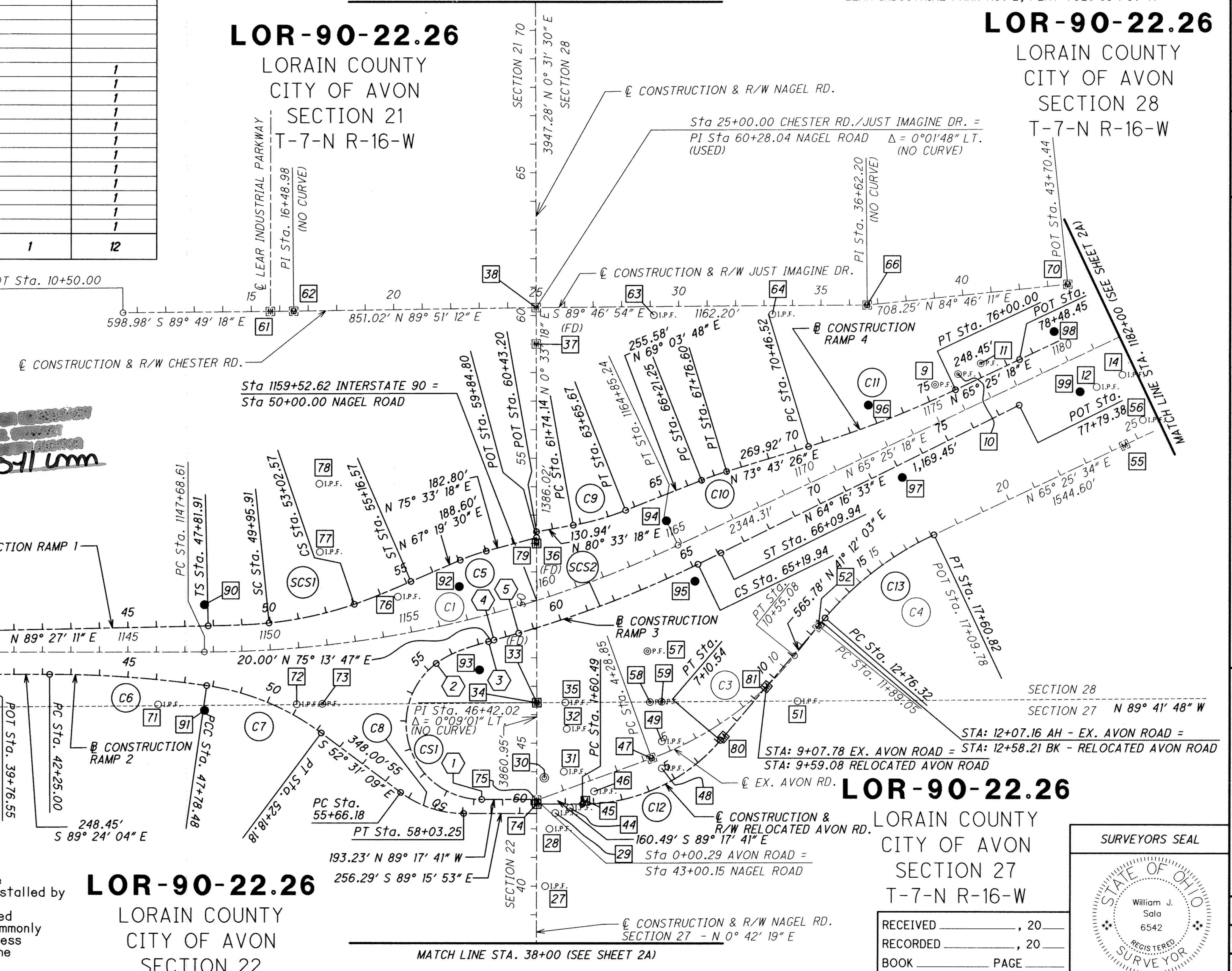
THE PLACING OF MONUMENTS SHALL BE UNDER THE DIRECTION OF A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE CENTERLINE MONUMENT ASSEMBLY BOX(S) WILL BE INSTALLED BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN ON THIS PLAT, REQUIRES PRIOR APPROVAL OF THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR CENTERLINE MONUMENTS, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1 (REV 7-18-08) OF THE OHIO DEPARTMENT OF TRANSPORTATION.

I, William J. Sala, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation on July 2006. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinates system, North Zone, by ties to the Lorain County Survey Marker 2002-25 and 2002-26 NAD83 (1995)/NAVD 88. As a part of this project I have reestablished the locations of the existing property lines and the existing centerline of Right of Way for property takes contained herein. As a part of this project I 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 the parcels as shown herein. As a part of this work I have set monuments at the proposed property corners, Section Corners and other points shown herein. The iron pins will be set in the "Adjustable Centerline Monument Assembly Box", installed by the construction contractor, after completion of construction. As shown on standard construction drawing RM-1 (revised 07-18-08). 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.

William J. Sala  
 William J. Sala, Professional Land Surveyor No. S-6542 Date: 4-22-10

**LOR-90-22.26**  
 LORAIN COUNTY  
 CITY OF AVON  
 SECTION 22  
 T-7-N R-16-W



TRANSYSTEMS CORP CONSULTANTS  
 55 PUBLIC SQUARE STE 1900  
 216-387-3558 JWS/ML  
 CLEVELAND, OH 44113  
 Plat Vol 96  
 Pgs 67 thru 72 incl.

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

COUNTY RECORDER

SURVEYORS SEAL

STATE OF OHIO  
 William J. Sala  
 6542  
 REGISTERED SURVEYOR

SIGNED *William J. Sala*  
 DATE: 4-22-10

TAX MAP DEPT. COPY #11-01236

**LOR-90-22.26**

LORAIN COUNTY  
CITY OF AVON  
SECTION 22  
T-7-N R-16-W

**LOR-90-22.26**

LORAIN COUNTY  
CITY OF AVON  
SECTION 27  
T-7-N R-16-W

**LOR-90-22.26**

LORAIN COUNTY  
CITY OF AVON  
SECTION 21  
T-7-N R-16-W

**LOR-90-22.26**

LORAIN COUNTY  
CITY OF AVON  
SECTION 28  
T-7-N R-16-W

**LOR-90-22.26**

P.I. STA. 15+22.25  
Δ = 24° 13' 31" (RT)  
Dc = 5° 00' 00"  
R = 1,145.92'  
T = 245.93'  
L = 484.50'  
E = 26.09'

**LOR-90-22.26**

P.I. STA. 61+83.98  
Δ = 10° 57' 14" (LT)  
Dc = 1° 26' 00"  
R = 3,997.53'  
Ls = 90.00'  
fs = 00° 38' 42" (LT)  
LT = 60.00'  
ST = 30.00'  
x = 90.00'  
y = 0.34'  
k = 45.00'  
p = 0.08'  
Δc = 9° 39' 51" (LT)  
Lc = 674.26'  
Ts = 428.31'  
Es = 18.42'

MATCH LINE STA. 38+00 (SEE SHEET 2)

POT Sta. 99+75.32

R/W NAGEL RD.

MATCH LINE STA. 71+00 (SEE SHEET 2)

CONSTRUCTION & R/W NAGEL RD.

DETROIT RD  
POT Sta. 7+81.07  
CL INTERSECTION

JAYCOX RD.  
EX. MONUMENT BOX  
SECTION CORNER  
(SURVEY POINT MN52)

SECTION CORNER  
EX. MONUMENT FOUND & USED  
STA: 46+42.02  
OFFSET: 0.00 LT

SECTION 22 SECTION 21  
SECTION 27 SECTION 28  
N 0° 42' 19" E N 0° 33' 18" E  
CONSTRUCTION & R/W NAGEL RD.

MATCH LINE STA. 1182+00 (SEE SHEET 2)

CONSTRUCTION & R/W I-90

**LOR-90-22.26**

LORAIN COUNTY  
CITY OF AVON  
SECTION 28  
T-7-N R-16-W

SCS1  
P.I. STA. 51+52.78  
Δ = 22° 07' 41" (LT)  
Dc = 4° 15' 00"  
R = 1,348.14'  
Ls = 214.00'  
fs = 04° 32' 51" (LT)  
LT = 142.71'  
ST = 71.38'  
x = 213.87'  
y = 5.66'  
k = 106.98'  
p = 1.42'  
Δc = 13° 01' 59" (LT)  
Lc = 306.66'  
Ts = 370.87'  
Es = 26.97'

C1  
P.I. STA. 1156+41.01  
Δ = 25° 10' 38" (LT)  
Dc = 1° 28' 00"  
R = 3,906.53'  
T = 872.40'  
L = 1,716.63'  
E = 96.23'

C2  
P.I. STA. 1196+85.83  
Δ = 24° 43' 35" (RT)  
Dc = 1° 28' 00"  
R = 3,906.53'  
T = 856.28'  
L = 1,685.89'  
E = 92.74'

C3  
P.I. STA. 7+50.00  
Δ = 31° 18' 41" (LT)  
Dc = 5° 00' 00"  
R = 1,145.92'  
T = 321.15'  
L = 626.23'  
E = 44.15'

C4  
P.I. STA. 14+53.99  
Δ = 26° 02' 11" (RT)  
Dc = 5° 00' 00"  
R = 1,145.92'  
T = 264.94'  
L = 520.73'  
E = 30.23'

C5  
P.I. STA. 57+53.67  
Δ = 8° 13' 48" (RT)  
Dc = 8° 30' 00"  
R = 674.07'  
T = 48.50'  
L = 96.82'  
E = 1.74'

C6  
P.I. STA. 45+02.23  
Δ = 8° 18' 08" (RT)  
Dc = 1° 30' 00"  
R = 3,819.72'  
T = 277.23'  
L = 553.48'  
E = 10.05'

C7  
P.I. STA. 50+03.01  
Δ = 28° 34' 48" (RT)  
Dc = 6° 30' 00"  
R = 881.47'  
T = 224.52'  
L = 439.69'  
E = 28.14'

C8  
P.I. STA. 56+88.95  
Δ = 36° 44' 45" (LT)  
Dc = 15° 30' 00"  
R = 369.65'  
T = 122.77'  
L = 237.07'  
E = 19.85'

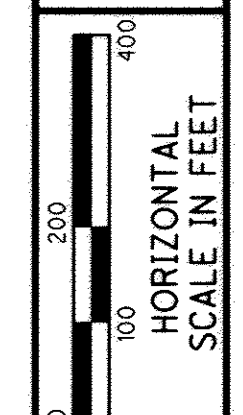
C9  
P.I. STA. 62+70.23  
Δ = 11° 29' 30" (LT)  
Dc = 6° 00' 00"  
R = 954.93'  
T = 96.09'  
L = 191.53'  
E = 4.82'

C10  
P.I. STA. 66+98.97  
Δ = 4° 39' 37" (RT)  
Dc = 3° 00' 00"  
R = 1,909.86'  
T = 77.72'  
L = 155.35'  
E = 1.58'

C11  
P.I. STA. 73+23.75  
Δ = 8° 18' 08" (LT)  
Dc = 1° 30' 00"  
R = 3,819.72'  
T = 277.23'  
L = 553.48'  
E = 10.05'

C12  
P.I. STA. 4+54.00  
Δ = 49° 30' 16" (LT)  
Dc = 9° 00' 00"  
R = 636.62'  
T = 293.51'  
L = 550.05'  
E = 64.41'

DATE: 21-APR-10 09:20  
FILE: J:\JOB\1074 190 NAGEL RD\PLAN\_SHEETS\PLAN24\_RIGHT\_OF\_WAY\02.CL\_PLAT\83607RC002.DGN  
SCALE: 1" = 200'

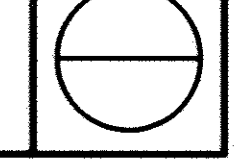


PID NO.  
**83607**  
R/W DESIGNER  
JPS  
R/W REVIEWER  
WJS

**CENTERLINE PLAT**

**LOR-90-22.26**

2 / 6  
2A / 53



DATE: 20-APR-10 18:52  
 FILE: J:\JOB\1074 190 NAGLE RD\PLAN\_SHEETS\PLAN24-RIGHT\_OF\_WAY\_02-CL-PLAT\_83607RC003.DGN  
 SCALE: 1" = 100'

Existing Survey Monuments Found - I-90																
Item Number	Point Number	Feature Code	Location to Actual Corner		Ground Coordinates - US Survey Feet			Station	Offset	Description	Grid Coordinates - US Survey Feet			State Plane Grid Coordinates- Meters		
			Bearing	Distance (F.T.)	Northing	Easting	Elevation				Northing	Easting	Elevation	Northing	Easting	Elevation
9	I234	IPIPE	N14°33'21"E	0.29	656245.9415	2110123.8711	635.51	1175+42.41	-124.78	1" IRON PIN FD.	656204.9130	2109991.9462	635.51	200011.6575	643126.8315	193.704
10	I232	IPIPE	N61°48'00"W	1.26	656282.2376	2110205.0953	634.95	1176+31.36	-124.00	1" IRON PIN FD.	656241.2068	2110073.1653	634.95	200022.7199	643151.5872	193.533
11	I233	IPIPE	N74°04'12"W	1.03	656319.1648	2110285.0276	634.74	1177+19.41	-124.33	1" IRON PIN FD. - BENT	656278.1317	2110153.0926	634.74	200033.9746	643175.9490	193.470
12	I214	IPIN	S10°09'36"W	0.44	656231.2241	2110691.3833	635.15	1180+52.35	124.64	5/8" IRON PIN FD. W/ CAP KS	656190.1965	2110559.4229	635.15	200007.1719	643299.7988	193.595
14	I215	IPIN	N/A	N/A	656272.6533	2110782.3017	635.27	1181+52.25	124.78	5/8" IRON PIN FD. - NO CAP	656231.6231	2110650.3356	635.27	200019.7988	643327.5090	193.631
15	I216	IPIN	N/A	N/A	656322.5327	2110891.4035	634.62	1182+72.21	124.80	5/8" IRON PIN FD. - NO CAP	656281.4994	2110759.4306	634.62	200035.0011	643360.7612	193.432
71	I163	IPIN	S71°13'37"W	14.51	655156.6560	2107383.8653	638.55	1146+05.87	183.99	3/8" IRON PIN FD. W/ CAP KS	655115.6956	2107252.1117	638.55	199679.6634	642291.7283	194.630
72	I113	IPIN	S04°41'38"E	1.35	655151.4145	2107870.2074	640.25	1150+77.00	196.93	5/8" IRON PIN FD. - NO CAP	655110.4544	2107388.4234	640.25	199678.0659	642439.9564	195.148
73	I112	IPIPE	S73°08'48"E	7.66	655151.9173	2107960.3299	641.93	1151+62.50	203.58	1" IRON PIN FD. - NO CAP	655110.9572	2107828.5402	641.93	199678.2191	642467.4241	195.660
76	I115	IPIN	N27°53'09"E	0.10	655523.7738	2108229.3695	637.09	1154+74.72	-130.40	5/8" IRON PIN FD. W/ RLS CAP NO. 7504	655482.7905	2108097.5630	637.09	199791.5541	642549.4224	194.185
77	I116	IPIN	S04°27'42"W	0.67	655684.1185	2107957.6642	637.69	1152+12.01	-326.37	5/8" IRON PIN FD. - NO CAP, BENT	655643.1251	2107825.8747	637.69	199840.4242	642466.6116	194.368
78	I117	IPIN	S12°45'02"E	0.27	655924.2388	2107958.5001	637.04	1152+41.86	-565.02	5/8" IRON PIN FD. W/ RLS CAP NO. 7504	655883.2304	2107826.7105	637.04	199913.6085	642466.8664	194.170

N/A = NOT APPLICABLE (TYP.)

Existing Survey Monuments Found- Chester Road/Just Imagine drive																
Item Number	Point Number	Feature Code	Location to Actual Corner		Ground Coordinates - US Survey Feet			Station	Offset	Description	Grid Coordinates - US Survey Feet			State Plane Grid Coordinates- Meters		
			Bearing	Distance	Northing	Easting	Elevation				Northing	Easting	Elevation	Northing	Easting	Elevation
38	MB13	MONBOX	N/A	N/A	656532.8795	2108726.3183	635.39	25+00.00	0.00	MONUMENT BOX FD. & USED W/ 1" IRON PIN	656491.8331	2108594.4807	635.39	200099.1109	642700.8832	193.667
61	MB14	MONBOX	S73°01'59"W	1.26	656530.9018	2107793.6508	635.99	15+67.39	0.05	MONUMENT BOX FD. & USED W/ 1" IRON PIN	656489.8555	2107661.8715	635.99	200098.5082	642416.6233	193.850
62	MB15	MONBOX	N16°54'50"W	0.37	656530.7013	2107875.2494	636.08	16+48.98	0.00	MONUMENT BOX FD. & USED W/ 1" IRON PIN	656489.6550	2107743.4650	636.08	200098.4471	642441.4931	193.878
63	I124	IPIN	N56°6'15"W	0.30	656501.1413	2109139.0436	635.07	29+12.82	30.16	5/8" IRON PIN FD. - NO CAP	656460.0968	2109007.1802	635.07	200089.4377	642626.6742	193.571
64	I125	IPIN	N30°17'15"W	0.40	656499.3773	2109555.2996	636.48	33+29.05	30.34	5/8" IRON PIN FD. - NO CAP	656458.3330	2109423.4102	636.48	200088.9001	642953.5414	193.999
66	MB16	MONBOX	N/A	N/A	656528.4509	2109888.5785	634.91	36+62.20	0.00	MONUMENT BOX FD. & USED W/ 1" IRON PIN	656487.4047	2109756.6683	634.91	200097.7612	643055.1187	193.521
70	MB17	MONBOX	S37°07'17"W	0.22	656593.0181	2107875.2494	634.68	43+70.44	0.00	MONUMENT BOX FD. & USED W/ 1" IRON PIN	656551.9679	2110461.9640	634.68	200117.4401	643270.0932	193.451

Existing Survey Monuments Found - Avon Road (Existing Alignment)																
Item Number	Point Number	Feature Code	Location to Actual Corner		Ground Coordinates - US Survey Feet			Station	Offset	Description	Grid Coordinates - US Survey Feet			State Plane Grid Coordinates- Meters		
			Bearing	Distance	Northing	Easting	Elevation				Northing	Easting	Elevation	Northing	Easting	Elevation
16	I160	IPIN	N/A	N/A	656163.3986	2110964.2379	634.43	26+67.36	-50.26	5/8" IRON PIN FD. W/ CAP KS	656122.3753	2110832.2604	634.43	199986.5000	643382.9598	193.375
47	MB18	MONBOX	N/A	N/A	654946.6476	2109113.2012	640.50	4+28.89	-0.07	MONUMENT BOX FD. W/ 1" IRON PIN	654905.7003	2108981.3394	640.50	199615.6567	642818.7980	195.225
51	I123	IPIN	N31°9'12"E	0.85	655141.4354	2109628.5530	638.20	9+47.62	113.26	3/8" IRON PIN FD. - NO CAP	655100.4760	2109496.6590	638.20	199675.0245	642975.8677	194.524
52	MB19	MONBOX	N/A	N/A	655404.4470	2109705.1250	640.54	11+89.02	0.01	MONUMENT BOX FD. W/ 1" IRON PIN	655363.4711	2109573.2262	640.54	199755.1855	642999.2054	195.237
55	I213	MONBOX	N/A	N/A	656026.9629	2110786.9384	637.09	24+49.40	0.08	MONUMENT BOX FD. W/ 1" IRON PIN	655985.9481	2110654.9720	637.09	199944.9169	643328.9222	194.186
56	I159	IPIN	N/A	N/A	656114.0605	2110852.2729	635.24	25+45.03	-51.95	5/8" IRON PIN FD. - NO CAP	656073.0402	2110720.3024	635.24	199971.4626	643348.8349	193.620

Existing Survey Monuments Found - Avon Road (Proposed Alignment)																
Item Number	Point Number	Feature Code	Location to Actual Corner		Ground Coordinates - US Survey Feet			Station	Offset	Description	Grid Coordinates - US Survey Feet			State Plane Grid Coordinates- Meters		
			Bearing	Distance	Northing	Easting	Elevation				Northing	Easting	Elevation	Northing	Easting	Elevation
29	I209	IPIN	S19°54'58"E	0.15	654759.1665	2108773.0775	639.54	0+64.95	43.15	5/8" IRON PIN FD. - NO CAP	654718.231	2108641.237	639.54	199558.5159	642715.1345	194.933
30	L025	CMON	N/A	N/A	654882.9793	2108736.1102	644.45	0+26.46	-80.19	CONCRETE MONUMENT FD.	654842.036	2108604.072	644.45	199596.2518	642703.8676	196.429
31	I203	IPIN	S23°30'30"E	0.08	654903.7256	2108804.8815	639.27	0+94.97	-101.78	5/8" IRON PIN FD. - NO CAP	654862.781	2108673.039	639.27	199602.5749	642724.8278	194.850
44	I208	IPIN	S69°46'27"W	0.25	654776.6186	2108824.5207	640.15	1+16.17	13.07	5/8" IRON PIN FD. W/ CAP KS	654735.682	2108692.677	640.15	199563.8350	642730.8135	195.117
46	I207	IPIN	S67°59'56"W	0.20	654833.2552	2108910.5931	638.96	2+03.17	-31.84	3/8" IRON PIN FD. W/ CAP KS	654792.315	2108778.744	638.96	199581.0968	642757.0468	194.756
47	MB18	MONBOX	N/A	N/A	654946.6473	2109113.2008	640.50	4+53.17	-96.17	CONCRETE MONUMENT FD.	654905.7	2108981.339	640.50	199615.6566	642818.7978	195.225
48	I250	IPIN	S52°54'27"E	0.07	654911.0170	2109148.9750	639.82	4+72.23	-48.59	1" IRON PIN FD.	654870.072	2109017.111	639.82	199604.7972	642829.7012	195.018
49	I204	IPIN	N84°11'22"W	0.60	655005.4870	2109150.0123	638.58	5+26.39	-130.89	5/8" IRON PIN FD. - NO CAP	654964.5361	2109018.1482	638.58	199633.5899	642830.0173	194.641
57	I206	IPIPE	N05°23'48"W	0.38	655322.8324	2109102.9688	638.42	7+76.52	-398.70	5/8" IRON PIN FD. - NO CAP	655281.8616	2108971.1077	638.42	199730.3109	642815.6793	194.590
58	I121	IPIPE	N11°45'09"W	0.57	655144.1776	2109109.9051	639.49	5+91.81	-268.28	1" IRON PIN FD.	655103.2180	2108978.0435	639.49	199675.8602	642817.7934	194.916
59	I122	IPIPE	S30°54'37"W	0.51	655144.9577	2109151.0731	639.13	6+45.62	-242.61	5/8" IRON PIN FD. - NO CAP	655103.998	2109019.209	639.13	199676.0980	642830.3406	0.000

Existing Survey Monuments Found- Nagel Road																
Item Number	Point Number	Feature Code	Location to Actual Corner		Ground Coordinates - US Survey Feet			Station	Offset	Description	Grid Coordinates - US Survey Feet			State Plane Grid Coordinates- Meters		
			Bearing	Distance	Northing	Easting	Elevation				Northing	Easting	Elevation	Northing	Easting	Elevation
26	L026	N/A	N/A	0.69	653794.2392	2108706.8564	643.31	32+89.53	10.61	CONCRETE MONUMENT FD.	653753.3640	2108575.0200	643.31	199264.4239	642694.9516	196.081
27	I211	IPIN	N48°03'16"E	0.10	654504.3893	2108734.9141	640.10	39+99.93	29.92	5/8" IRON PIN FD. - NO CAP	654463.4697	2108603.0760	640.10	199480.8645	642703.5030	195.103
28	I210	IPIN	N33°58'46"E	0.07	654704.2115	2108752.4125	639.98	41+99.94	44.96	5/8" IRON PIN FD. - NO CAP	654663.2794	2108620.5733	639.98	199541.7667	642708.8362	195.065
29	I209	IPIN	S19°54'58"E	0.15	654759.1665	2108773.0775	639.54	42+55.14	64.95	5/8" IRON PIN FD. - NO CAP	654718.231	2108641.237	639.54	199558.5159	642715.1345	194.933
30	L025	CMON	N/A	N/A	654882.9793	2108736.1102	644.45	43+78.48	26.46	LORAIN COUNTY CONCRETE MONUMENT FD.	654842.0360	2108604.0720	644.45	199596.2518	642703.8676	196.429
31	I203	IPIN	S23°30'30"E	0.08	654903.7254	2108804.8818	639.27	44+00.07	94.97	5/8" IRON PIN FD. W/ CAP KS	654862.7808	2108673.0393	639.27	199602.5748	642724.8279	194.850
32	I212	IPIN	N13°13'15"W	0.10	655053.4264	2108816.7838	640.22	45+49.90	105.02	5/8" IRON PIN FD. W/ CAP KS	655012.4725	2108684.9406	640.22	199648.2009	642728.4554	195.139
33	C3	MONBOX	N/A	N/A	655146.8388	2108712.8944	656.16	46+42.02	0.00	MONUMENT BOX FD. & USED W/ 1" IRON PIN	655105.8790	2108581.0577	656.16	199676.6713	642696.7918	199.999
35	I205	IPIN	N83°00'21"E	0.08	655146.2994	2108812.8166	639.38	46+42.45	99.92	5/8" IRON PIN FD. W/ CAP KS	655105.3397	2108680.9736	639.38	199676.5069	642727.2463	194.884
36	MB11	MONBOX	N/A	N/A	655704.6998	2108718.2879	661.91	51+99.87	-0.01	MONUMENT BOX FD. W/ 1" IRON PIN	655663.7051	2108586.4508	661.91	199846.6970	642698.4357	201.751
37	MB12	MONBOX	N/A	N/A	656404.9460	2108725.1573	635.91	59+00.11	0.08	MONUMENT BOX FD. W/ 1" IRON PIN	656363.9076	2108593.3198	635.91	200060.1192	642700.5293	193.826
38	MB13	MONBOX	N/A	N/A	656532.8795	2108726.3183	635.39	60+28.04	0.00	MONUMENT BOX FD. & USED W/ 1" IRON PIN	656491.8331	2108594.4807	635.39	200099.1109	642700.8832	193.667
40	ML20	IPIN	S46°05'28"W	1.17	658078.0590	2108711.3106	633.43	75+72.92	-29.16	5/8" IRON PIN FD. - NO CAP	658036.9160	2108579.4740	633.43	200570.0532	642696.3091	193.069
41	ML21	IPIN														

DATE: 08-FEB-11, 15:29  
 FILE: J:\JOB\1074 190 NAGLE RD\PLAN\_SHEETS\PLAN\24\_RIGHT\_OF\_WAY\02\_CL\_PLAT\83607R004.DGN  
 SCALE: 1" = 100'

Right of Way Monuments to be Set - Avon Road														
Item Number	Point Number	Feature Code	Ground Coordinates - US Survey Feet			Station	Offset	Description	Grid Coordinates - US Survey Feet			State Plane Grid Coordinates- Meters		
			Northing	Easting	Elevation				Northing	Easting	Elevation	Northing	Easting	Elevation
45	MP05	MONBOXS	654789.1407	2108869.0042	-	1+60.49	0.00	MONUMENT BOX SET	654748.2032	2108737.1577	-	199567.6515	642744.3712	-
80	MP06	MONBOXS	655006.3843	2109355.8658	-	7+10.54	0.00	MONUMENT BOX SET	654965.4333	2109223.9888	-	199633.8634	642892.7576	-
81	MP07	MONBOXS	655193.3967	2109519.5874	-	9+59.08	0.00	MONUMENT BOX SET	655152.4340	2109387.7002	-	199690.8613	642942.6570	-
-	RW216	IPINS	654699.5904	2109029.7367	0.00	3+00.44	105.42	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654658.6586	2108897.8802	0.00	199540.3583	642793.3595	0.00
-	RW218	IPINS	654784.1245	2109248.4089	0.00	5+02.50	104.78	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654743.1874	2109116.5387	0.00	199566.1227	642860.0068	0.00
-	RW226	IPINS	654848.6703	2109346.1923	0.00	6+03.02	107.19	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654807.7292	2109214.3160	0.00	199585.7950	642889.8094	0.00
-	RW227	IPINS	654934.5477	2109425.3693	0.00	7+03.39	99.65	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654893.6012	2109293.4880	0.00	199611.9689	642913.9410	0.00
-	RW228	IPINS	655142.1041	2109607.5982	0.00	9+78.46	100.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655101.1446	2109475.7055	0.00	199675.2283	642969.4811	0.00
-	RW229	IPINS	655200.1012	2109658.3722	0.00	10+55.53	100.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655159.1381	2109526.4764	0.00	199692.9047	642984.9560	0.00
-	RW230	IPINS	655434.8594	2109869.6383	0.00	13+80.53	100.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655393.8816	2109737.7292	0.00	199764.4547	643049.3460	0.00
-	RW231	IPINS	655463.1894	2109842.6708	0.00	13+80.53	60.89	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655422.2099	2109710.7634	0.00	199773.0891	643041.1268	0.00
-	RW258	IPINS	654732.2834	2109146.8114	0.00	4+04.67	107.50	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654691.3496	2109014.9475	0.00	199550.3225	642829.0417	0.00
-	RW262	IPINS	654686.3846	2108912.5281	0.00	1+99.03	103.56	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654645.4536	2108780.6789	0.00	199536.3334	642757.6365	0.00
-	RW317	IPINS	654998.4489	2109129.9569	0.00	5+08.78	-140.01	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654957.4984	2108998.0941	0.00	199631.4448	642823.9048	0.00

Right of Way Monuments to be Set - Nagel Road														
Item Number	Point Number	Feature Code	Ground Coordinates - US Survey Feet			Station	Offset	Description	Grid Coordinates - US Survey Feet			State Plane Grid Coordinates- Meters		
			Northing	Easting	Elevation				Northing	Easting	Elevation	Northing	Easting	Elevation
25	MP01	MONBOXS	653604.8389	2108693.9105	-	31+00.00	0.00	MONUMENT BOX SET	653563.9755	2108562.0749	-	199206.6982	642691.0059	-
74	MP02	MONBOXS	654791.1165	2108708.5150	-	42+86.29	0.00	MONUMENT BOX SET	654750.1789	2108576.6786	-	199568.2537	642695.4571	-
34	MP03	MONBOXS	655146.8388	2108712.8944	-	46+42.02	0.00	MONUMENT BOX SET	655105.8790	2108581.0577	-	199676.6713	642696.7918	-
39	MP08	MONBOXS	657704.8640	2108737.0580	-	72+00.00	0.00	MONUMENT BOX SET	657663.7443	2108605.2198	-	200456.3102	642704.1565	-
79	MP04	MONBOXS	655704.8270	2108718.2986	-	52+00.00	0.00	MONUMENT BOX SET	655663.8324	2108586.4615	-	199846.7358	642698.4389	-
-	RW017	IPINS	655920.9258	2108583.1784	0.00	54+14.77	-137.20	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655879.9176	2108451.3498	0.00	199912.5987	642657.2568	0.00
-	RW020	IPINS	656177.1790	2108590.5436	0.00	56+71.60	-132.35	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656136.6948	2108458.7145	0.00	199990.8646	642659.5016	0.00
-	RW023	IPINS	656430.8535	2108620.3185	0.00	59+25.00	-105.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656389.8134	2108488.4875	0.00	200068.0153	642668.5764	0.00
-	RW041	IPINS	656668.8410	2108661.5573	0.00	61+63.39	-66.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656627.7861	2108529.7238	0.00	200140.5495	642681.1452	0.00
-	RW042	IPINS	657005.4545	2108664.6419	0.00	65+00.00	-66.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656964.3785	2108532.8082	0.00	200243.1431	642682.0854	0.00
-	RW043	IPINS	657057.3364	2108678.1187	0.00	65+52.00	-53.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	657016.2572	2108546.2842	0.00	200258.9557	642686.1929	0.00
-	RW044	IPINS	657205.3395	2108679.4750	0.00	67+00.00	-53.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	657164.2510	2108547.6403	0.00	200304.0643	642686.6062	0.00
-	RW045	IPINS	657255.3130	2108682.9332	0.00	67+50.00	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	657214.2214	2108551.0984	0.00	200319.2953	642687.6602	0.00
-	RW046	IPINS	657374.6168	2108684.0265	0.00	68+69.30	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	657333.5178	2108552.1916	0.00	200355.6569	642687.9934	0.00
-	RW049	IPINS	657776.1451	2108687.7060	0.00	72+70.82	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	657735.0209	2108555.8709	0.00	200478.0354	642689.1149	0.00
-	RW051	IPINS	657775.9177	2108788.7145	0.00	72+71.52	51.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	657734.7936	2108656.8730	0.00	200477.9661	642719.9004	0.00
-	RW052	IPINS	657084.3840	2108782.3774	0.00	65+80.00	51.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	657043.3030	2108650.5364	0.00	200267.1993	642717.9690	0.00
-	RW053	IPINS	657004.3548	2108784.6444	0.00	65+00.00	54.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656963.2789	2108652.8032	0.00	200242.8079	642718.6599	0.00
-	RW054	IPINS	656629.3471	2108781.2079	0.00	61+25.00	54.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656588.2947	2108649.3669	0.00	200128.5125	642717.6125	0.00
-	RW065	IPINS	656428.8318	2108829.0574	0.00	59+25.00	103.74	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656387.7919	2108697.2134	0.00	200067.3991	642732.1962	0.00
-	RW075	IPINS	656053.4766	2108861.6906	0.00	55+50.00	140.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656012.4601	2108729.8445	0.00	199952.9978	642742.1422	0.00
-	RW077	IPINS	655857.4735	2108859.7923	0.00	53+54.00	140.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655816.4693	2108727.9464	0.00	199893.2597	642741.5636	0.00
-	RW111	IPINS	653705.2069	2108665.1420	0.00	32+00.00	-30.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	653664.3372	2108533.3082	0.00	199237.2885	642682.2378	0.00
-	RW115	IPINS	654630.7486	2108631.5304	0.00	41+25.00	-75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654589.8211	2108499.6987	0.00	199519.3765	642671.9936	0.00
-	RW128	IPINS	653555.4551	2108643.2956	0.00	30+50.00	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	653514.5948	2108511.4632	0.00	199191.6469	642675.5794	0.00
-	RW129	IPINS	653554.2240	2108743.2942	0.00	30+50.00	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	653513.3638	2108611.4556	0.00	199191.2717	642706.0571	0.00
-	RW141	IPINS	656060.2369	2108576.7248	0.00	55+54.00	-145.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656019.2200	2108444.8966	0.00	199955.0582	642655.2899	0.00
-	RW164	IPINS	653705.7609	2108620.1426	0.00	32+00.00	-75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	653664.8912	2108488.3116	0.00	199237.4573	642668.5228	0.00
-	RW213	IPINS	653703.9142	2108770.1406	0.00	32+00.00	75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	653663.0446	2108638.3003	0.00	199236.8945	642714.2394	0.00
-	RW215	IPINS	654628.9019	2108781.5284	0.00	41+25.00	75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654587.9745	2108649.6874	0.00	199518.8137	642717.7102	0.00
-	RW223	IPINS	655146.0979	2108852.9051	0.00	46+42.64	140.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655105.1382	2108721.0596	0.00	199676.4455	642739.4645	0.00
-	RW237	IPINS	654906.5218	2108849.9556	0.00	44+03.42	140.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654865.5770	2108718.1103	0.00	199603.4271	642738.5656	0.00
-	RW240	IPINS	654908.6885	2108883.9637	0.00	44+06.01	173.98	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654867.7436	2108752.1163	0.00	199604.0875	642748.9306	0.00
-	RW246	IPINS	655358.4666	2108854.9619	0.00	48+55.00	140.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655317.4936	2108723.1163	0.00	199741.1716	642740.0914	0.00
-	RW269	IPINS	657776.2411	2108707.7090	0.00	72+71.10	-30.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	657735.1169	2108575.8726	0.00	200478.0646	642695.2114	0.00
-	RW294	IPINS	657776.1102	2108767.7141	0.00	72+71.52	30.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	657734.9860	2108635.8739	0.00	200478.0247	642713.4999	0.00
-	RW316	IPINS	653555.2089	2108663.2953	0.00	30+50.00	-30.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	653514.3486	2108531.4617	0.00	199191.5719	642681.6749	0.00
-	RW320	IPINS	653554.4702	2108723.2945	0.00	30+50.00	30.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	653513.6100	2108591.4571	0.00	199191.3467	642699.9616	0.00
-	RW321	IPINS	653704.4682	2108725.1412	0.00	32+00.00	30.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	653663.5986	2108593.3037	0.00	199237.0633	642700.5244	0.00

ENG. METRIC CONV. = 3.280833333 US SURVEY FOOT CONVERSION  
 MAPPING CONTROL MONUMENTATION FOR THIS PROJECT WAS SUPPLIED BY THOMAS FOK & ASSOCIATES, INC., YOUNGSTOWN, OHIO  
 PROJECT ADJUSTMENT FACTOR: 3.281038464 METRIC GRID TO PROJECT GROUND FEET  
 PROJECT AVERAGE COMBINED SCALE FACTOR: 0.99993748 IS FROM ITEM NUMBER 30, POINT NUMBER L025 (LORAIN COUNTY GPS MON. 2002-25) PROJECT COORDINATES ALL SCALED FROM GRID COORDINATES ABOUT THE N=0, E=0 GRID ORIGIN POINT FOR OHIO STATE PLANE, NORTH ZONE

THE PLACING OF MONUMENTS SHALL BE UNDER THE DIRECTION OF A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE CENTERLINE MONUMENT ASSEMBLY BOX

DATE: 20-APR-10 1:14:00  
 FILE: J:\JOB\1074 190 NAGLE RD\PLAN SHEETS\PLAN\24\_RIGHT\_OF\_WAY\02\_CL\_PLAT\83607R0005.DGN  
 SCALE: 1" = 100'

Right of Way Monuments to be Set - CHESTER ROAD / JUST IMAGINE DRIVE

Item Number	Point Number	Feature Code	Ground Coordinates - US Survey Feet				Station	Offset	Description	Grid Coordinates - US Survey Feet			State Plane Grid Coordinates- Meters		
			Northing	Easting	Elevation	Northing				Easting	Elevation	Northing	Easting	Elevation	
-	RW026	IPINS	656479.5564	2108601.4438	0.00	23+75.00	53.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656438.5133	2108469.6140	0.00	200082.8590	642662.8237	0.00	
-	RW027	IPINS	656479.0395	2108399.4571	0.00	21+73.03	53.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656437.9964	2108267.6400	0.00	200082.7015	642601.2619	0.00	
-	RW028	IPINS	656481.9929	2108381.1720	0.00	21+54.75	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656440.9496	2108249.3560	0.00	200083.6016	642595.6890	0.00	
-	RW029	IPINS	656480.6976	2107875.0753	0.00	16+48.97	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656439.6544	2107743.2910	0.00	200083.2068	642441.4400	0.00	
-	RW034	IPINS	656582.4985	2108576.1792	0.00	23+50.00	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656541.4490	2108444.3510	0.00	200114.2339	642655.1236	0.00	
-	RW035	IPINS	656580.7042	2107875.4054	0.00	16+49.27	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656539.6548	2107743.6210	0.00	200113.6870	642441.5406	0.00	
-	RW036	IPINS	656581.2178	2108075.7399	0.00	18+49.59	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656540.1683	2107943.9430	0.00	200113.8435	642502.5989	0.00	
-	RW040	IPINS	656602.6661	2108641.1312	0.00	24+15.00	-70.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656561.6533	2108509.2990	0.00	200120.3806	642674.9198	0.00	
-	RW055	IPINS	656585.4931	2108828.7060	0.00	26+02.18	-53.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656544.4434	2108696.8620	0.00	200115.1466	642732.0891	0.00	
-	RW056	IPINS	656584.3888	2109118.5391	0.00	28+92.00	-53.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656543.3391	2108986.6770	0.00	200114.8100	642820.4249	0.00	
-	RW057	IPINS	656581.1104	2109191.5317	0.00	29+65.00	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656540.0609	2109059.6650	0.00	200113.8108	642842.6716	0.00	
-	RW058	IPINS	656580.0244	2109476.5475	0.00	32+50.00	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656538.9750	2109344.6630	0.00	200113.4798	642929.5392	0.00	
-	RW069	IPINS	656479.3978	2109639.1386	0.00	34+12.96	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656438.3547	2109507.2440	0.00	200082.8107	642979.0940	0.00	
-	RW070	IPINS	656480.0188	2109476.1664	0.00	32+50.00	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656438.9757	2109344.2820	0.00	200083.0000	642929.4231	0.00	
-	RW071	IPINS	656479.0930	2109719.1426	0.00	34+92.96	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656438.0499	2109587.2430	0.00	200082.7178	643003.4777	0.00	
-	RW073	IPINS	656578.9650	2109754.5629	0.00	35+28.00	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656537.9157	2109622.6610	0.00	200113.1570	643014.2732	0.00	
-	RW076	IPINS	656609.2202	2108075.9979	0.00	18+49.92	-78.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656568.1690	2107944.2010	0.00	200122.3782	642502.6775	0.00	
-	RW130	IPINS	656604.6889	2109565.0360	0.00	33+38.39	-75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656563.6380	2109433.1460	0.00	200120.9971	642956.5089	0.00	
-	RW152	IPINS	656480.8345	2107831.1076	0.00	16+05.00	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656439.7913	2107699.3260	0.00	200083.2486	642428.0395	0.00	
-	RW191	IPINS	656498.7895	2109799.1656	0.00	35+72.91	30.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656457.7452	2109667.2610	0.00	200088.7209	643027.8673	0.00	
-	RW192	IPINS	656478.7882	2109799.1466	0.00	35+72.96	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656437.7451	2109667.2420	0.00	200082.6249	643027.8615	0.00	
-	RW194	IPINS	656460.7798	2109276.0789	0.00	30+50.00	70.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656419.7379	2109144.2070	0.00	200077.1363	642868.4401	0.00	
-	RW195	IPINS	656443.3020	2109138.6974	0.00	29+12.69	88.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656402.2612	2109006.8340	0.00	200071.8094	642826.5687	0.00	
-	RW196	IPINS	656454.7355	2109550.0751	0.00	33+24.00	75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656413.6939	2109418.1860	0.00	200075.2941	642951.9491	0.00	
-	RW208	IPINS	656603.7320	2108276.1044	0.00	20+50.00	-72.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656562.6811	2108144.2950	0.00	200120.7055	642563.6663	0.00	
-	RW212	IPINS	656558.9639	2109754.4869	0.00	35+28.00	-30.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656517.9158	2109622.5850	0.00	200107.0610	643014.2500	0.00	
-	RW222	IPINS	656454.7174	2109554.7934	0.00	33+28.72	75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656413.6759	2109422.9040	0.00	200075.2886	642953.3871	0.00	
-	RW248	IPINS	656604.6256	2109581.6490	0.00	33+55.00	-75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656563.5747	2109449.7580	0.00	200120.9778	642961.5722	0.00	
-	RW249	IPINS	656579.4527	2109626.5559	0.00	34+00.00	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656538.4034	2109494.6620	0.00	200113.3056	642975.2590	0.00	
-	RW250	IPINS	656454.6401	2109575.0766	0.00	33+49.00	75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656413.5986	2109443.1860	0.00	200075.2650	642959.5691	0.00	
-	RW251	IPINS	656604.7399	2109551.6472	0.00	33+25.00	-75.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656563.6890	2109419.7580	0.00	200121.0127	642952.4282	0.00	
-	RW273	IPINS	656581.7307	2108276.1614	0.00	20+50.00	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656540.6812	2108144.3520	0.00	200113.9999	642563.6837	0.00	
-	RW288	IPINS	656479.4472	2109626.1748	0.00	34+00.00	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656438.4041	2109494.2810	0.00	200082.8258	642975.1429	0.00	
-	RW297	IPINS	656444.2958	2108877.9050	0.00	26+51.92	88.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656403.2549	2108746.0580	0.00	200072.1123	642747.0840	0.00	
-	RW300	IPINS	656480.7810	2109276.1559	0.00	30+50.00	50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656439.7378	2109144.2840	0.00	200083.2323	642868.4636	0.00	
-	RW318	IPINS	656500.8369	2107831.1696	0.00	16+05.00	30.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656459.7925	2107699.3880	0.00	200089.3450	642428.0584	0.00	
-	RWC003	IPINS	656580.8612	2107824.9632	0.00	15+98.55	-50.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656539.8118	2107693.1820	0.00	200113.7349	642426.1668	0.00	

ENG./METRIC CONV. = 3.280833333 US SURVEY FOOT CONVERSION  
 MAPPING CONTROL MONUMENTATION FOR THIS PROJECT WAS SUPPLIED BY THOMAS FOK & ASSOCIATES, INC., YOUNGSTOWN, OHIO  
 PROJECT ADJUSTMENT FACTOR: 3.281038464 (METRIC GRID TO PROJECT GROUND FEET)  
 PROJECT AVERAGE COMBINED SCALE FACTOR: 0.99993748 IS FROM ITEM NUMBER 30. POINT NUMBER L025 (LORAIN COUNTY GPS MON. 2002-25) PROJECT COORDINATES ALL SCALED FROM  
 GRID COORDINATES ABOUT THE N=0, E=0 GRID ORIGIN POINT FOR OHIO STATE PLANE, NORTH ZONE

THE PLACING OF MONUMENTS SHALL BE UNDER THE DIRECTION OF A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE CENTERLINE MONUMENT ASSEMBLY BOX(S) WILL BE INSTALLED BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION.

THE PROPOSED RIGHT OF WAY SHALL BE REFERENCED FROM THE CENTERLINE OF RIGHT OF WAY.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN ON THIS PLAN, REQUIRES PRIOR APPROVAL OF THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. A REVISED CENTERLINE PLAN WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR CENTERLINE MONUMENTS, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1 (REVISED 07-18-08) OF THE OHIO DEPARTMENT OF TRANSPORTATION.

FOR MONUMENTATION POINT NUMBER LOCATIONS, REFER TO ODOT RIGHT OF WAY PLAN SET LOR-90-22.26  
 PID 83607, RIGHT OF WAY DETAIL PLAN SHEET(S)

5 6  
 3B 53

LOR-90-22.26

CENTERLINE PLAT

R/W DESIGNER  
 JPS  
 R/W REVIEWER  
 WJS

PID NO.  
 83607

DATE: 20-APR-10 19:00  
 FILE: J:\JOB\1074 190 NAGLE RD\PLAN\_SHEETS\PLAN24\_RIGHT\_OF\_WAY\02\_CL\_PLAT\83607R006.DGN  
 SCALE: 1" = 100'

Right of Way Monuments to be Set - Interstate 90														
Item Number	Point Number	Ground Coordinates - US Survey Feet					Grid Coordinates - US Survey Feet					State Plane Grid Coordinates- Meters		
		Feature Code	Northing	Easting	Elevation	Station	Offset	Description	Northing	Easting	Elevation	Northing	Easting	Elevation
88	CLM001	CMONS	655477.2087	2106281.2120	-	1135+00.00	-125.00	CONCRETE REFERENCE MONUMENT	655436.2282	2106149.5273	-	199777.3619	641955.6599	-
89	CLM002	CMONS	655232.2067	2106278.6514	-	1135+00.00	120.00	CONCRETE REFERENCE MONUMENT	655191.2416	2106146.9669	-	199702.6899	641954.8795	-
90	CLM003	CMONS	655498.9505	2107550.1978	-	1147+68.61	-160.00	CONCRETE REFERENCE MONUMENT	655457.9687	2107418.4337	-	199783.9885	642342.4234	-
91	CLM004	CMONS	655133.9477	2107546.3831	-	1147+68.61	205.00	CONCRETE REFERENCE MONUMENT	655092.9887	2107414.6193	-	199672.7423	642341.2607	-
92	CLM005	CMONS	655556.7161	2108445.1574	-	1157+00.00	-120.00	CONCRETE REFERENCE MONUMENT	655515.7307	2108313.3374	-	199801.5943	642615.1905	-
93	CLM006	CMONS	655264.4596	2108512.9612	-	1157+00.00	180.00	CONCRETE REFERENCE MONUMENT	655223.4924	2108381.1370	-	199712.5199	642635.8559	-
94	CLM007	CMONS	655779.1160	2109174.8151	-	1164+85.24	-95.00	CONCRETE REFERENCE MONUMENT	655738.1167	2109042.9495	-	199869.3777	642837.5767	-
95	CLM008	CMONS	655565.3954	2109272.5668	-	1164+85.24	140.00	CONCRETE REFERENCE MONUMENT	655524.4095	2109140.6951	-	199804.2396	642867.3697	-
96	CLM009	CMONS	656177.1422	2109888.7618	-	1173+00.00	-160.00	CONCRETE REFERENCE MONUMENT	656136.1180	2109756.8515	-	199990.6888	643055.1745	-
97	CLM010	CMONS	655922.4964	2110005.2319	-	1173+00.00	120.00	CONCRETE REFERENCE MONUMENT	655881.4881	2109873.3144	-	199913.0774	643090.6725	-
98	CLM011	CMONS	656427.3923	2110544.0948	-	1180+00.00	-115.00	CONCRETE REFERENCE MONUMENT	656386.3524	2110412.1436	-	200066.9604	643254.9080	-
99	CLM012	CMONS	656222.7661	2110637.6869	-	1180+00.00	110.00	CONCRETE REFERENCE MONUMENT	656181.7391	2110505.7298	-	200004.5941	643283.4331	-
-	RW001	IPINS	655487.3139	2106314.3214	0.00	1135+33.00	-135.45	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655446.3328	2106182.6347	0.00	199780.4418	641965.7510	0.00
-	RW002	IPINS	655498.1637	2106381.4427	0.00	1136+00.00	-147.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655457.1820	2106249.7517	0.00	199783.7487	641986.2084	0.00
-	RW003	IPINS	655504.0736	2106581.5279	0.00	1138+00.00	-155.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655463.0915	2106449.8244	0.00	199785.5499	642047.1906	0.00
-	RW004	IPINS	655512.7579	2107281.7006	0.00	1145+00.00	-171.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655471.7752	2107149.9534	0.00	199788.1967	642260.5904	0.00
-	RW005	IPINS	655512.4579	2107371.2667	0.00	1145+89.56	-171.64	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655471.4753	2107239.5139	0.00	199788.1053	642287.8885	0.00
-	RW007	IPINS	655494.6676	2107481.5350	0.00	1147+00.00	-155.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655453.6860	2107349.7752	0.00	199782.6831	642321.4962	0.00
-	RW008	IPINS	655527.4205	2107914.3132	0.00	1151+50.00	-174.50	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655486.4370	2107782.5264	0.00	199792.6656	642453.3990	0.00
-	RW009	IPINS	655601.9520	2108096.4167	0.00	1153+49.63	-228.09	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655560.9638	2107964.6185	0.00	199815.3814	642508.9008	0.00
-	RW013	IPINS	655796.0875	2108589.1682	0.00	1159+11.54	-315.36	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655755.0871	2108457.3392	0.00	199874.5503	642659.0824	0.00
-	RW016	IPINS	655692.7647	2108318.3003	0.00	1156+00.00	-280.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655651.7708	2108186.4883	0.00	199843.0594	642576.5268	0.00
-	RW081	IPINS	655965.6610	2109137.8651	0.00	1165+29.23	-280.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655924.6500	2109006.0018	0.00	199926.2332	642826.3151	0.00
-	RW083	IPINS	656089.2354	2109552.3046	0.00	1169+57.49	-220.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656048.2167	2109420.4154	0.00	199963.8964	642952.6286	0.00
-	RW089	IPINS	655151.9872	2107370.1298	0.00	1145+92.19	188.80	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655111.0271	2107238.3770	0.00	199678.2404	642287.5419	0.00
-	RW093	IPINS	656227.5830	2110028.9202	0.00	1174+48.43	-147.57	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656186.5557	2109897.0012	0.00	200006.0622	643097.8922	0.00
-	RW095	IPINS	656258.3222	2110123.9551	0.00	1175+47.63	-136.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656217.2930	2109992.0302	0.00	200015.4309	643126.8571	0.00
-	RW097	IPINS	656276.4670	2110173.2436	0.00	1176+00.00	-132.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656235.4366	2110041.3156	0.00	200020.9611	643141.8793	0.00
-	RW098	IPINS	656290.5323	2110203.9953	0.00	1176+33.81	-132.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656249.5010	2110072.0654	0.00	200025.2480	643151.2519	0.00
-	RW100	IPINS	656327.1469	2110284.0482	0.00	1177+21.84	-132.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656286.1134	2110152.1133	0.00	200036.4074	643175.6505	0.00
-	RW106	IPINS	655615.8255	2109375.7046	0.00	1166+00.00	137.04	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655574.8364	2109243.8264	0.00	199819.6098	642898.8042	0.00
-	RW116	IPINS	654656.3638	2108581.8388	0.00	1156+41.48	788.42	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654615.4347	2108450.0103	0.00	199527.1836	642856.8485	0.00
-	RW117	IPINS	654661.0194	2108347.8950	0.00	1154+50.00	740.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654620.0900	2108216.0811	0.00	199528.6025	642585.5467	0.00
-	RW118	IPINS	654728.3216	2108188.9945	0.00	1153+25.00	650.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654687.3880	2108057.1905	0.00	199549.1150	642537.1168	0.00
-	RW120	IPINS	654915.8685	2107975.2139	0.00	1151+56.67	440.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	654874.9232	2107843.4232	0.00	199606.2758	642471.9604	0.00
-	RW122	IPINS	655090.3078	2107704.2255	0.00	1149+17.41	250.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655049.3516	2107572.4519	0.00	199659.4417	642389.3682	0.00
-	RW134	IPINS	656400.3612	2110444.1213	0.00	1178+97.85	-132.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656359.3231	2110312.1763	0.00	200058.7218	643224.4378	0.00
-	RW136	IPINS	655180.8004	2107178.2196	0.00	1144+00.00	162.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655139.8385	2107046.4788	0.00	199687.0222	642229.0513	0.00
-	RW137	IPINS	655195.9809	2106778.3314	0.00	1140+00.00	151.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655155.0181	2106646.6156	0.00	199691.6489	642107.1727	0.00
-	RW138	IPINS	655215.9049	2106648.5244	0.00	1138+70.00	132.43	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655174.9408	2106516.8167	0.00	199697.7214	642067.6099	0.00
-	RW205	IPINS	656439.0637	2110538.7566	0.00	1180+00.00	-127.83	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	656398.0231	2110406.8057	0.00	200070.5176	643253.2809	0.00
-	RW245	IPINS	655414.7946	2109030.3649	0.00	1162+15.00	186.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655373.8181	2108898.5083	0.00	199758.3393	642793.5510	0.00
-	RW351	IPINS	655511.7576	2107580.3347	0.00	1148+00.00	-173.00	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655470.7750	2107448.5688	0.00	199787.8918	642351.6085	0.00
-	RW357	IPINS	655502.2559	2106519.9895	0.00	1137+38.49	-152.54	3/4" x 30" IRON BAR W/ 2" DIA. ALUM. CAP SET	655461.2739	2106388.2899	0.00	199784.9959	642028.4349	0.00

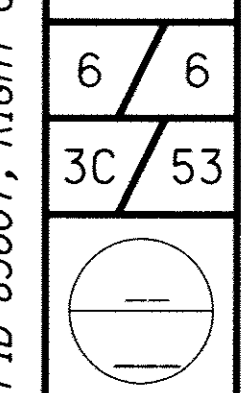
ENG./METRIC CONV. = 3.280833333 US SURVEY FOOT CONVERSION  
 MAPPING CONTROL MONUMENTATION FOR THIS PROJECT WAS SUPPLIED BY THOMAS FOK & ASSOCIATES, INC., YOUNGSTOWN, OHIO  
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 PROJECT AVERAGE COMBINED SCALE FACTOR: 0.99993748 IS FROM ITEM NUMBER 30. POINT NUMBER L025 (LORAIN COUNTY GPS MON. 2002-25) PROJECT COORDINATES ALL SCALED FROM  
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THE PROPOSED RIGHT OF WAY SHALL BE REFERENCED FROM THE CENTERLINE OF RIGHT OF WAY.

FOR MONUMENTATION POINT NUMBER LOCATIONS, REFER TO ODOT RIGHT OF WAY PLAN SET LOR-90-22-26 PID 83607, RIGHT OF WAY DETAIL PLAN SHEET(S)

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN ON THIS PLAN, REQUIRES PRIOR APPROVAL OF THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. A REVISED CENTERLINE PLAN WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR CENTERLINE MONUMENTS, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1 (REVISED 07-18-08) OF THE OHIO DEPARTMENT OF TRANSPORTATION.



LOR-90-22-26

CENTERLINE PLAT

P/W DESIGNER  
 JPS  
 P/W REVIEWER  
 WJS  
 PID NO.  
 83607

TAX MAP DEPT. COPY #11-01236