

LOCATION MAP

LATITUDE: N 41° 20' 7" LONGITUDE: W 81° 54' 22"



# RIGHT OF WAY LEGEND SHEET LOR-252-4.34

LORAIN COUNTY  
COLUMBIA TOWNSHIP  
LOT 22, 23, 38 & 39  
T. 5 N., R. 15 W.

**PROJECT DESCRIPTION**  
REPLACE EXISTING SANDSTONE BOX STRUCTURE WITH A 36" CIRCULAR CULVERT OVER AN INTERMITTENT WATERWAY. REPLACE EXISTING CATCHBASIN WITH CATCHBASIN NO. 2-4. ARMOR OUTLET CHANNEL WITH ROCK CHANNEL PROTECTION AND RESHAPE WATERWAY TO MATCH EXISTING. RECONSTRUCT 100' OF PAVEMENT, UPGRADE SHOULDERS AND GUARDRAIL, PROVIDE CLEAR ZONE GRADING ALONG THE EAST SIDE, GUARDRAIL AND SAFETY GRADING ALONG THE WEST SIDE OF SR 252.

**PLANS PREPARED BY:**

FIRM NAME : ODOT DISTRICT THREE  
R/W DESIGNER: BETH SANDERS  
R/W REVIEWER: SHANE QUEER  
FIELD REVIEWER: BETH SANDERS  
PRELIMINARY FIELD REVIEW DATE: \_\_\_\_\_  
TRACINGS FIELD REVIEW DATE: 3/26/14  
OWNERSHIP UPDATED BY: BETH SANDERS  
DATE COMPLETED: 3/28/14  
PLAN COMPLETION DATE: 3/31/14

UTILITY OWNERS			
TELEPHONE	WINDSTREAM 560 TERNES AVE. ELYRIA, OHIO 44035 440-329-4845	ELECTRIC	OHIO EDISON COMPANY 6326 LAKE AVENUE ELYRIA, OHIO 44035 440-326-3207
WATER	RURAL LORAIN CO WATER AUTHORITY 42401 SR. 303 PO BOX 567 LAGRANGE, OHIO 44050 440-355-6060	CABLE	TIME WARNER CABLE 8179 DOW CIRCLE STRONGSVILLE, OHIO 44136 216-575-8016 EXT. 5034
GAS	COLUMBIA GAS OF OHIO 3101 NORTH RIDGE ROAD E LORAIN, OHIO 44055 440-240-6144	GAS	DOVE DRILLING CO. 4489 E. LINCOLN WAY WOOSTER, OHIO 44691 330-262-5113
GAS	BUCKEYE PARTNERS, L.P. 9999 HAMILTON BOULEVARD BREINIGSVILLE, PA 18031 610-904-4145		

**INDEX OF SHEETS:**

LEGEND SHEET	1
CENTERLINE PLAT	2-4
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SUMMARY OF ADDITIONAL RIGHT OF WAY	6
R/W TOPOGRAPHY SHEETS	8
R/W BOUNDARY SHEETS	7,9

**STRUCTURE KEY**

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

TYPES OF TITLE LEGEND:  
WD = WARRANTY DEED  
PRW = PROPERTY RIGHT FEE SIMPLE  
SH = STANDARD HIGHWAY EASEMENT  
LA = LIMITED ACCESS EASEMENT  
T = TEMPORARY EASEMENT  
CH = CHANNEL EASEMENT  
A = AERIAL EASEMENT  
SL = SLOPE EASEMENT  
PRE = PROPERTY RIGHT EASEMENT

**NO TRANSFER NECESSARY**  
J. CRAIG SNODGRASS, CPA, CCFM  
LORAIN COUNTY AUDITOR

*10/31/18*  
DEPUTY

Doc ID: 020701380001 Type: OFF  
Kind: PLAT  
Recorded: 10/31/2018 at 02:29:02 PM  
Fee Amt: \$346.00 Page 1 of 1  
Lorain County, Ohio  
Judith M Nedlick County Recorder  
File # 2018-0693309

Plat Vol 105  
Pgs 72, 73, 74, 75

I, SHANE L. QUEER, P.S., HAVE CONDUCTED A SURVEY OF THE EXISTING CONDITIONS FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN JUNE 2012. THE RESULTS OF THAT SURVEY ARE CONTAINED HEREIN.

UNDERGROUND UTILITY LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. THOUGH THEY ARE BELIEVED TO BE ACCURATE, THEIR LOCATION IS AS MARKED ON THE GROUND BY THE UTILITY COMPANY PER OUPS CONFIRMATION NUMBER A215100343, & A217802675 AND THOSE MARKINGS SUBSEQUENTLY BEING SURVEYED AS A PART OF THIS PROJECT.

THE HORIZONTAL COORDINATES EXPRESSED HEREIN ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE BY TIES TO THE ODOT CORS NETWORK. THE UNITLESS PROJECT ADJUSTMENT FACTOR USED FOR THIS PROJECT IS 1.0000817670.

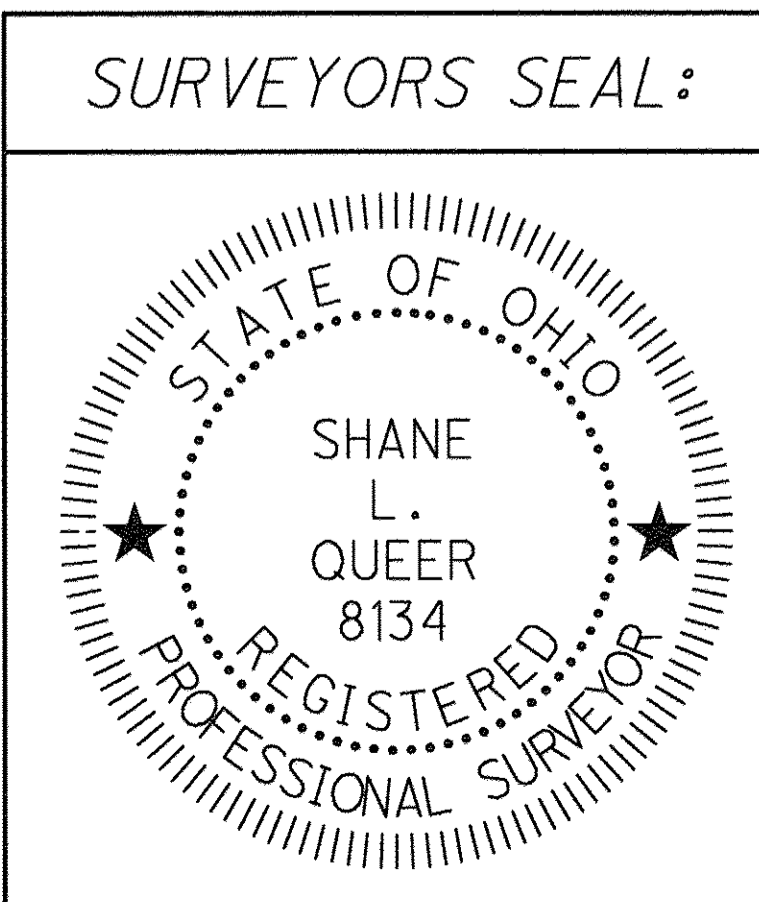
FURTHER MORE; I HAVE CALCULATED THE PROPOSED PROPERTY LINES, GROSS TAKE, PRESENT ROAD OCCUPIED, NET TAKE AND NET RESIDUE; FROM FIELD SURVEY, EXISTING RECORDS AND SURVEY PLATS, AS WELL AS PREPARED THE LEGAL DESCRIPTIONS NECESSARY TO ACQUIRE THESE PARCELS AS SHOWN HEREIN.

AS PART OF THIS PROJECT I HAVE DETERMINED THE LOCATIONS OF THE EXISTING PROPERTY LINES FOR PROPERTY TAKES CONTAINED HEREIN. I HAVE ALSO SET MONUMENTS AT THE PROPOSED PROPERTY CORNERS, SECTION CORNERS AND OTHER POINTS SHOWN HEREIN, AS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS MINIMUM STANDARDS FOR BOUNDARY SURVEY IN THE STATE OF OHIO UNLESS SO NOTED.

THE WORDS I AND MY AS USED HEREIN ARE TO MEAN THAT EITHER MYSELF OR SOMEONE WORKING FOR ME UNDER MY DIRECT CONTROL OR SUPERVISION.

*Shane L. Queer*  
SHANE L. QUEER, PROFESSIONAL LAND SURVEYOR NO. 8134

04-03-2014  
DATE



NOTE: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

**CONVENTIONAL SYMBOLS**

County Line	-----	Ditch / Creek (Ex)	-----
Township Line	-----	Ditch / Creek (Pr)	-----
Section Line	-----	Tree Line (Ex)	~~~~~
Corporation Line	----- or -----	Ownership Hook Symbol	∟
Fence Line (Ex)	-----	Property Line Symbol	∟
Center Line	-----	Break Line Symbol	∟
Right of Way (Ex)	----- Ex R/W	Tree (Pr)	☼
Right of Way (Pr)	----- R/W	Tree (Ex)	☼
Standard Highway Ease. (Ex)	----- Ex SH	Shrub (Ex)	☼
Temporary Right of Way	----- TMP	Tree (Remove)	☼
Channel Ease. (Pr)	----- CH	Shrub (Remove)	☼
Utility Ease. (Ex)	----- Ex U	Evergreen (Ex)	☼
Railroad	----- or -----	Evergreen (Remove)	☼
Guardrail (Ex)	----- (Pr)	Stump (Remove)	☼
Construction Limits	-----	Wetland (Pr)	∟
Edge of Pavement (Ex)	-----	Grass (Pr)	∟
Edge of Pavement (Pr)	-----	Aerial Target	∟
Edge of Shoulder (Ex)	-----	Post (Ex)	∟
Edge of Shoulder (Pr)	-----	Mailbox (Ex)	∟
		Mailbox (Pr)	∟
		Light (Ex)	∟
		Telephone Marker (Ex)	∟
		Fire Hydrant (Ex)	∟
		Water Meter (Ex)	∟
		Water Valve (Ex)	∟
		Utility Valve Unknown (Ex)	∟
		Telephone Pole (Ex)	∟
		Power Pole (Ex)	∟
		Light Pole (Ex)	∟

DESIGN FILE: \\projects\93709\row\sheet\lor-252-4.34\93709RL001.dgn  
WORKSPACE: \\projects\93709\row\sheet\lor-252-4.34\93709RL001.dgn  
MODELNAME: Design

CALCULATED EAS CHECKED SLQ  
 R/W PID NO. 95264  
 PID NO. 93709  
 RIGHT OF WAY LEGEND SHEET  
 LOR-20-1.06  
 LOR-252-4.34  
 LOR-303-8.42  
 1 / 16

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 IS 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.

# LOR-252-4.34

LORAIN COUNTY  
COLUMBIA TOWNSHIP  
LOT 22, 23, 38 & 39  
T. 5 N., R. 15 W.

## PROJECT CONTROL

OHIO STATE PLANE GRID NAD 83 (CORS 96)  
NORTH ZONE DATUM  
PROJECT ADJUSTMENT FACTOR = 1.000081767  
METRIC GRID TO ENGLISH PROJECT  
COORDINATE MULTIPLIER = 3.28110159690

## BASIS FOR BEARINGS:

THE BEARINGS REFERRED TO HEREIN ARE RELATIVE TO GRID NORTH OF THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 83 (CORS 96) DATUM FROM GPS OBSERVATIONS OF THE ODOT VRS GPS SYSTEM IN JUNE 2012 BY ODOT DISTRICT THREE SURVEY DEPARTMENT AND ARE FOR THE PURPOSE OF DEFINING ANGULAR MEASUREMENTS.

NOTE: THE EXISTING CENTERLINE OF RIGHT OF WAY, RIGHT OF WAY LINES, AND RIGHT OF WAY WIDTHS WERE DETERMINED FROM EXISTING RIGHT OF WAY MONUMENTATION AND FROM THE FOLLOWING O.D.O.T. PLANS:

PLAN S.H. (I.C.H.) NO. 541 SECTION 'D' LORAIN CO.

SEE COORDINATE TABLE AND CENTERLINE PLAT SHEETS 2 & 3.

ALL REFERENCES ARE FROM THE CENTERLINE OF RIGHT OF WAY.

ALL LOT LINES SHOWN ARE FOR GRAPHICAL PURPOSES ONLY.

## MONUMENT LEGEND

- ☐ EXISTING R/W MONUMENT BOX
- ▣ PROPOSED R/W MONUMENT BOX
- ⊙ EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- ⚡ RAILROAD SPIKE FOUND
- ⚡ RAILROAD SPIKE SET
- ⊙ 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
- ⊙ I.P.S. IRON PIPE SET
- ⊙ R.K.F. P.K. NAIL FOUND
- ⊙ R.K.S. P.K. NAIL SET

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*Shane L. Queer*  
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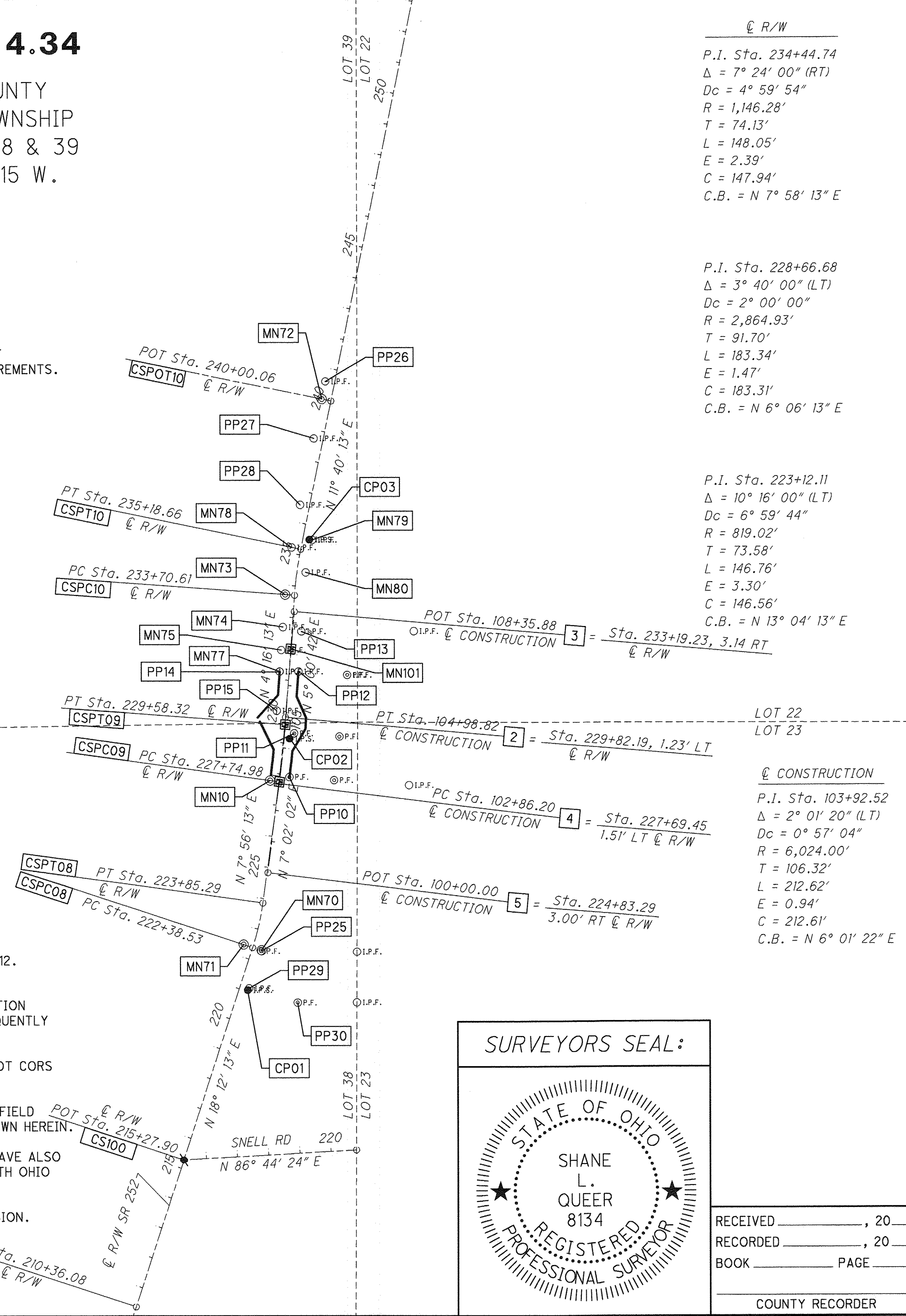
04-03-2014  
DATE

⊙ R/W  
P.I. Sta. 234+44.74  
Δ = 7° 24' 00" (RT)  
Dc = 4° 59' 54"  
R = 1,146.28'  
T = 74.13'  
L = 148.05'  
E = 2.39'  
C = 147.94'  
C.B. = N 7° 58' 13" E

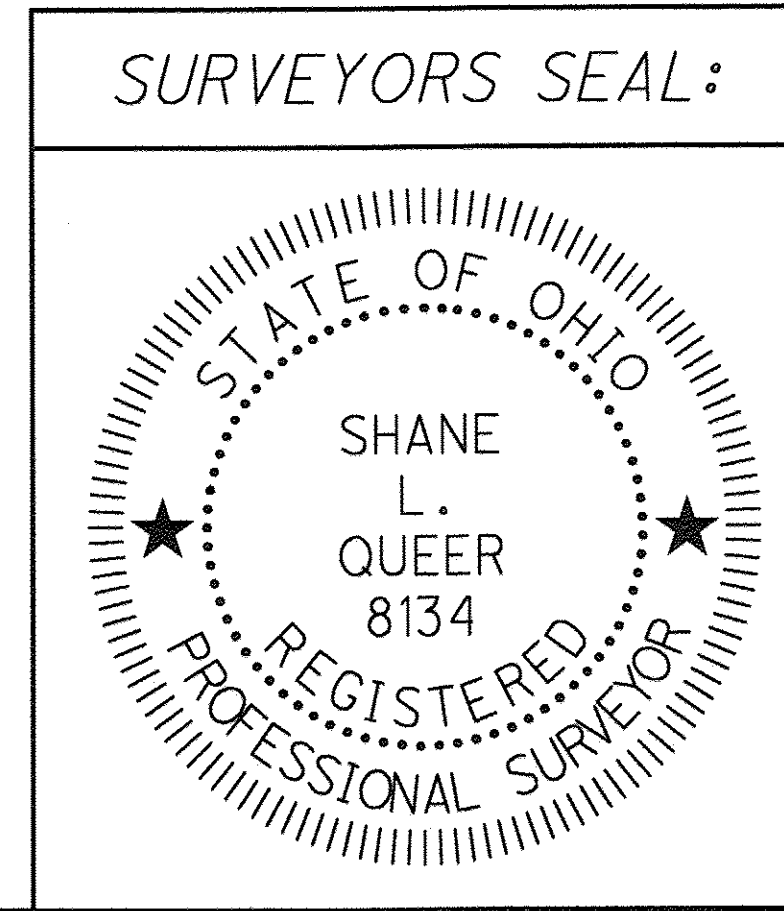
P.I. Sta. 228+66.68  
Δ = 3° 40' 00" (LT)  
Dc = 2° 00' 00"  
R = 2,864.93'  
T = 91.70'  
L = 183.34'  
E = 1.47'  
C = 183.31'  
C.B. = N 6° 06' 13" E

P.I. Sta. 223+12.11  
Δ = 10° 16' 00" (LT)  
Dc = 6° 59' 44"  
R = 819.02'  
T = 73.58'  
L = 146.76'  
E = 3.30'  
C = 146.56'  
C.B. = N 13° 04' 13" E

⊙ CONSTRUCTION  
P.I. Sta. 103+92.52  
Δ = 2° 01' 20" (LT)  
Dc = 0° 57' 04"  
R = 6,024.00'  
T = 106.32'  
L = 212.62'  
E = 0.94'  
C = 212.61'  
C.B. = N 6° 01' 22" E



DESIGN FILE: \\projects\93709\row\shedsheets\LOR-252-4.34\93709R001.dgn  
 MODELNAME: Design  
 WORKSTATION: ellison  
 DATE: 3/31/2014  
 R/W DESIGNER: EAS  
 R/W REVIEWER: SLQ  
 R/W PID NO.: 95264  
 CENTERLINE PLAT  
 LOR-20-1.06  
 LOR-252-4.34  
 LOR-303-8.42  
 RECEIVED \_\_\_\_\_, 20\_\_\_\_  
 RECORDED \_\_\_\_\_, 20\_\_\_\_  
 BOOK \_\_\_\_\_ PAGE \_\_\_\_\_  
 COUNTY RECORDER  
 1/3  
 2/16  
 42



LOR-252-4.34

PID: 84588

PROJECT GROUND COORDINATES - US SURVEY FEET

STATE PLANE GRID COORDINATES

MONUMENTS TO BE SET DURING CONSTRUCTION

PROJECT COORDINATES (FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)

PROJECT CONTROL POINTS

HORIZONTAL DATUM - NAD83(CORS96), OHIO NORTH ZONE (3401) FROM CORs  
VERTICAL DATUM NAVD 88 CPO1 DEFINED BY GPS FROM OHIO VRS USING GEOID09  
ALL OTHER ELEVATIONS ESTABLISHED FROM LEVELING FROM CPO1

ITEM 623E38500 ITEM 623E40500  
MONUMENT ASSEMBLY REFERENCE MONUMENT

BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF :

3.2811015969

Table with columns: NAME, STATION, C/L OF RIGHT OF WAY SR 252, OFFSET (ft), RT/LT, PLAN S.H.(ICH) NO. 541 SEC. "d" LORAIN CO. USED FOR ALIGNMENT, NORTH (ft), EAST (ft), ELEVATION (ft), FEATURE, DESCRIPTION.

Table with columns: NAME, STATION, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT).

Table with columns: NAME, STATION, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT).

EXISTING MONUMENTATION CENTERLINE OF RIGHT OF WAY STATE ROUTE 252

EXISTING CENTERLINE CONTROL POINTS

HORZ. DATUM - NAD83(CORS96), OHIO NORTH ZONE VERT. DATUM - NAVD88

Table with columns: NAME, STATION, OFFSET (ft), RT/LT, NORTH (ft), EAST (ft), ELEVATION (ft), FEATURE, DESCRIPTION.

Table with columns: NAME, STATION, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT).

Table with columns: NAME, STATION, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT).

CENTERLINE OF RIGHT OF WAY STATE ROUTE 252

CENTERLINE OF RIGHT OF WAY ALIGNMENT

HORZ. DATUM - NAD83(CORS96), OHIO NORTH ZONE VERT. DATUM - NAVD88

Table with columns: NAME, STATION, OFFSET (ft), RT/LT/CL, NORTH (ft), EAST (ft), ELEVATION (ft), FEATURE, DESCRIPTION.

Table with columns: NAME, STATION, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT).

Table with columns: NAME, STATION, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT).

CENTERLINE OF RIGHT OF WAY STATE ROUTE 252

CENTERLINE OF CONSTRUCTION ALIGNMENT

HORZ. DATUM - NAD83(CORS96), OHIO NORTH ZONE VERT. DATUM - NAVD88

Table with columns: NAME, STATION, OFFSET (ft), RT/LT/CL, NORTH (ft), EAST (ft), ELEVATION (ft), FEATURE, DESCRIPTION.

Table with columns: NAME, STATION, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT).

Table with columns: NAME, STATION, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT).

PROJECT ADJUSTMENT FACTOR BASED ON: THE INVERSE OF THE REPORTED COMBINED SCALE FACTOR AS DEFINED BY TRIMBLE BUSINESS CENTER FOR THE FINAL POSITION OF MONUMENT CPO1

HORIZONTAL CONTROL POINTS DEFINED USING MULTIPLE 5 SECOND GPS/VRS IN CONJUNCTION WITH OHIO DEPARTMENT OF TRANSPORTATION SURVEYING AND MAPPING SPECIFICATIONS.

UNITLESS FACTOR = 1.0000817670 State Plane Grid to Project Ground (same units)  
PROJECT ADJ. FACTOR = 3.2811015969 State Plane Grid (meters) to Project Ground (US Survey Feet)  
ENG./METRIC CONV. = 3.28083333 US SURVEY FOOT TO METERS CONVERSION FACTOR  
PROJECT Coordinates are Scaled From GRID Coordinates About The OHIO NORTH ZONE Grid Point N=0,E=0.

TOTAL MONUMENTS - QUANTITY CARRIED TO GENERAL SUMMARY ITEM 623

3 0

DESIGN FILE: \\projects\93709\row\sheet\lor-252-4.34\93709R0002.dgn  
WORKSTATION: ellison DATE: 3/31/2014 MODELNAME: Design

R/W PID NO. 95264

R/W DESIGNER EAS  
R/W REVIEWER SLQ

CENTERLINE PLAT

LOR-20-1.06  
LOR-252-4.34  
LOR-303-8.42

2 / 3  
3 / 16

DESIGN FILE: \\projects\3709\row\sheet\OR-252-4-34\93709RC003.dgn  
 MODEL NAME: Design  
 WORKSTATION: beilison DATE: 3/31/2014

PROJECT GROUND COORDINATES - US SURVEY FEET								PROPOSED RIGHT OF WAY MONUMENTS	STATE PLANE GRID COORDINATES						MONUMENTS TO BE RESET AFTER CONSTRUCTION			
PROJECT COORDINATES (US SURVEY FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)									HORIZONTAL DATUM - NAD83(COR96), OHIO NORTH ZONE (3401) FROM CORS VERTICAL DATUM - NAVD 88						ITEM 623E40520	ITEM 623		
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.2811015969															RIGHT OF WAY	BOUNDARY		
NAME	C/L OF RIGHT OF WAY SR 252	STATION	OFFSET (ft)	RT/LT	PLAN S.H.(ICH) NO. 541 SEC. "d" LORAIN CO. USED FOR ALIGNMENT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	DESCRIPTION	NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)	PIN (TYPE 'B')	PIN (TYPE 'B')
PP100		227+92.55	0.00	RT	608464.9083	2131773.2380	0.000				PP100	185445.3117	649712.6575	0.000	608415.1601	2131598.9438		
RP14		227+92.55	30.00	LT	608468.8676	2131743.5000	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP14	185446.5184	649703.5941	0.000	608419.1191	2131569.2082		
PP101		227+94.44	30.00	RT	608462.8403	2131803.2260	0.000				PP101	185444.6814	649721.7971	0.000	608413.0922	2131628.9293		
RP10		228+75.00	30.00	RT	608543.6782	2131812.7830	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP10	185469.3188	649724.7098	0.000	608493.9235	2131638.4855		
RP15		228+75.00	30.00	LT	608549.8840	2131753.1050	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP15	185471.2102	649706.5214	0.000	608500.1288	2131578.8124		
PCOR6		229+32.47	0.00	RT	608603.9949	2131788.3140	0.000				PCOR6	185487.7019	649717.2523	0.000	608554.2353	2131614.0185		
RP20		229+33.25	56.93	RT	608600.0362	2131845.1160	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP20	185486.4954	649734.5642	0.000	608550.2769	2131670.8159		
RP11		229+50.00	65.00	RT	608616.4436	2131854.5290	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP11	185491.4960	649737.4330	0.000	608566.6830	2131680.2281		
RP19		229+56.10	78.82	LT	608633.4849	2131711.5900	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP19	185496.6897	649693.8687	0.000	608583.7229	2131537.3008		
PP107		229+63.11	0.00	RT	608634.5464	2131790.7120	0.000				PP107	185497.0133	649717.9831	0.000	608584.7843	2131616.4163		
RP16		229+75.00	90.00	LT	608653.1033	2131701.8470	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP16	185502.8689	649690.8992	0.000	608603.3397	2131527.5586		
RP12		229+85.00	65.00	RT	608651.5337	2131857.1620	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP12	185502.1906	649738.2355	0.000	608601.7702	2131682.8609		
RP18		229+99.95	70.04	LT	608676.4955	2131723.6080	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP18	185509.7983	649697.5315	0.000	608626.7300	2131549.3178		
PP106		230+00.72	0.00	RT	608672.0504	2131793.5130	0.000				PP106	185508.4436	649718.8368	0.000	608622.2852	2131619.2171		
RP13		230+50.00	30.00	RT	608718.9595	2131827.0990	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP13	185522.7403	649729.0730	0.000	608669.1905	2131652.8004		
RP17		230+50.00	30.00	LT	608723.4273	2131767.2660	0.000		IPINS	3/4" X 30" REBAR WITH A 2" ALUMINUM CAP MARKED "ODOT R/W - DISTRICT 3"	RP17	185524.1020	649710.8374	0.000	608673.6579	2131592.9723		
PP104		231+25.39	30.00	LT	608798.6073	2131772.8790	0.000				PP104	185547.0150	649712.5481	0.000	608748.8318	2131598.5848		
PP103		231+25.72	0.00	RT	608796.7034	2131802.8210	0.000				PP103	185546.4348	649721.6737	0.000	608746.9281	2131628.5243		
PCOR5		231+30.09	0.00	RT	608801.0596	2131803.1460	0.000				PCOR5	185547.7624	649721.7727	0.000	608751.2839	2131628.8493		
PP102		231+30.26	30.00	RT	608798.9926	2131833.0750	0.000				PP102	185547.1325	649730.8943	0.000	608749.2171	2131658.7759		

PROJECT GROUND COORDINATES - US SURVEY FEET								EXISTING RIGHT OF WAY POINTS	STATE PLANE GRID COORDINATES							
PROJECT COORDINATES (US SURVEY FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)									HORIZONTAL DATUM - NAD83(COR96), OHIO NORTH ZONE (3401) FROM CORS VERTICAL DATUM - NAVD 88							
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.2811015969																
NAME	C/L OF RIGHT OF WAY SR 252	STATION	OFFSET (ft)	RT/LT	PLAN S.H.(ICH) NO. 541 SEC. "d" LORAIN CO. USED FOR ALIGNMENT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	DESCRIPTION	NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)
RE01		215+71.93	30.00	RT	607276.166	2131504.165	0	0	RW	EXISTING RIGHT OF WAY POINT	RE01	185083.0119	649630.6505	0.000	607226.5148	2131329.8924
RE02		222+38.53	30.00	RT	607909.403	2131712.408	0	0	RW	EXISTING RIGHT OF WAY POINT	RE02	185276.0071	649694.1179	0.000	607859.7000	2131538.1186
RE03		223+85.29	30.00	RT	608057.397	2131746.767	0	0	RW	EXISTING RIGHT OF WAY POINT	RE03	185321.1121	649704.5898	0.000	608007.6818	2131572.4745
RE04		227+74.98	30.00	RT	608443.356	2131800.577	0	0	RW	EXISTING RIGHT OF WAY POINT	RE04	185438.7430	649720.9898	0.000	608393.6093	2131626.2807
RE05		229+58.32	30.00	RT	608627.534	2131820.272	0	0	RW	EXISTING RIGHT OF WAY POINT	RE05	185494.8761	649726.9924	0.000	608577.7727	2131645.9742
RE06		233+70.61	30.00	RT	609038.679	2131850.973	0	0	RW	EXISTING RIGHT OF WAY POINT	RE06	185620.1832	649736.3491	0.000	608988.8843	2131676.6721
RE07		235+18.66	30.00	RT	609181.360	2131870.95	0	0	RW	EXISTING RIGHT OF WAY POINT	RE07	185663.6688	649742.4377	0.000	609131.5533	2131696.6478
RE08		240+00.00	30.00	RT	609652.752	2131968.317	0	0	RW	EXISTING RIGHT OF WAY POINT	RE08	185807.3376	649772.1127	0.000	609602.9069	2131794.0064
RE50		215+27.90	-30.00	LT	607253.081	2131433.412	0	0	RW	EXISTING RIGHT OF WAY POINT	RE50	185075.9760	649609.0867	0.000	607203.4314	2131259.1454
RE51		222+38.53	-30.00	LT	607928.147	2131655.411	0	0	RW	EXISTING RIGHT OF WAY POINT	RE51	185281.7198	649676.7466	0.000	607878.4423	2131481.1262
RE52		223+85.29	-30.00	LT	608065.682	2131687.341	0	0	RW	EXISTING RIGHT OF WAY POINT	RE52	185323.6372	649686.4783	0.000	608015.9663	2131513.0541
RE53		227+74.98	-30.00	LT	608451.641	2131741.152	0	0	RW	EXISTING RIGHT OF WAY POINT	RE53	185441.2681	649702.8785	0.000	608401.8938	2131566.8604
RE54		229+58.32	-30.00	LT	608632.002	2131760.439	0	0	RW	EXISTING RIGHT OF WAY POINT	RE54	185496.2378	649708.7566	0.000	608582.2401	2131586.1456
RE55		233+70.61	-30.00	LT	609043.147	2131791.139	0	0	RW	EXISTING RIGHT OF WAY POINT	RE55	185621.5448	649718.1134	0.000	608993.3517	2131616.8436
RE56		235+18.66	-30.00	LT	609193.497	2131812.19	0	0	RW	EXISTING RIGHT OF WAY POINT	RE56	185667.3678	649724.5292	0.000	609143.6891	2131637.8929
RE57		240+00.00	-30.00	LT	609664.889	2131909.557	0	0	RW	EXISTING RIGHT OF WAY POINT	RE57	185811.0367	649754.2042	0.000	609615.0428	2131735.2515

PROJECT GROUND COORDINATES - US SURVEY FEET								EXISTING BOUNDARY MONUMENTS	STATE PLANE GRID COORDINATES							
PROJECT COORDINATES (US SURVEY FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS)									HORIZONTAL DATUM - NAD83(COR96), OHIO NORTH ZONE (3401) FROM CORS VERTICAL DATUM - NAVD 88							
BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.2811015969																
NAME	C/L OF RIGHT OF WAY SR 252	STATION	OFFSET (ft)	RT/LT	PLAN S.H.(ICH) NO. 541 SEC. "d" LORAIN CO. USED FOR ALIGNMENT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	DESCRIPTION	NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (US FT)	EAST (US FT)
PP10		227+94.43	29.84	RT	608462.851	2131803.069	784.097		IPIPE	1" IRON PIPE FD PROPERTY LINE OFFSET	PP10	185444.6847	649721.7493	238.993	608413.1030	2131628.7725
PP11		229+32.88	30.16	RT	608601.898	2131818.406	773.656		IPIPE	1" IRON PIPE FD IN CONC. PROPERTY LINE OFFSET	PP11	185487.0627	649726.4235	235.811	608552.1383	2131644.1078
PP12		231+30.26	29.89	RT	608799.000	2131832.964	782.485		IPIN	5/8" REBAR FD PROPERTY LINE OFFSET	PP12	185547.1348	649730.8605	238.502	608749.2248	2131658.6650
PP13		232+58.11	29.86	RT	608926.503	2131842.454	784.091		IPIN	5/8" REBAR FD PROPERTY LINE OFFSET	PP13	185585.9945	649733.7528	238.992	608876.7168	2131668.1540
PP14		231+25.74	-30.11	LT	608798.966	2131772.799	782.617		IPID	5/8" REBAR FD W/HAYWOOD+8284" CAP PROPERTY LINE OFFSET	PP14	185547.1243	649712.5237	238.542	608749.1904	2131598.5050
PP15		230+00.86	-30.49	LT	608674.457	2131763.12	778.724		IPID	5/8" REBAR FD W/HAYWOOD+8284" CAP PROPERTY LINE OFFSET	PP15	185509.1771	649709.5736	237.355	608624.6919	2131588.8261
PP25		222+36.09	29.23	RT	607907.323	2131710.911	781.068		IPIPE	1" IRON PIPE FD BENT PROPERTY LINE OFFSET	PP25	185275.3731	649693.6617	238.070	607857.6200	2131536.6217
PP26	OffChain	OffChain		RT	609721.183	2131921.222	783.514		IPIN	5/8" REBAR FD PROPERTY LINE OFFSET	PP26	185828.1936	649757.7593	238.816	609671.3320	2131746.9152
PP27		238+71.87	-30.08	LT	609539.422	2131883.564	783.377		IPIN	5/8" REBAR FD PROPERTY LINE OFFSET	PP27	185772.7975	649746.2823	238.774	609489.5863	2131709.2611
PP28		236+56.15	-30.27	LT	609328.198	2131839.736	782.208		IPIN	5/8" REBAR FD PROPERTY LINE OFFSET	PP28	185708.4213	649732.9246	238.417	609278.3788	2131665.4367
PP29		221+11.18	29.54	RT	607788.566	2131672.187	783.879		IPIN	5/8" REBAR FD PROPERTY LINE OFFSET	PP29	185239.1788	649681.8594	238.927	607738.8726	2131497.9005
PP30		221+16.33	191.39	RT	607742.900	2131827.542	781.397		IPIPE	1" IRON PIPE FD BENT PROPERTY LINE REAR CORNER	PP30	185225.2610	649729.2081	238.170	607693.2104	2131653.2437
MN74		232+67.35	-30.04	LT	608940.178	2131783.413	784.115		IPIN	5/8" REBAR FD PROPERTY LINE OFFSET	MN74	185590.1623	649715.7587	238.999</		