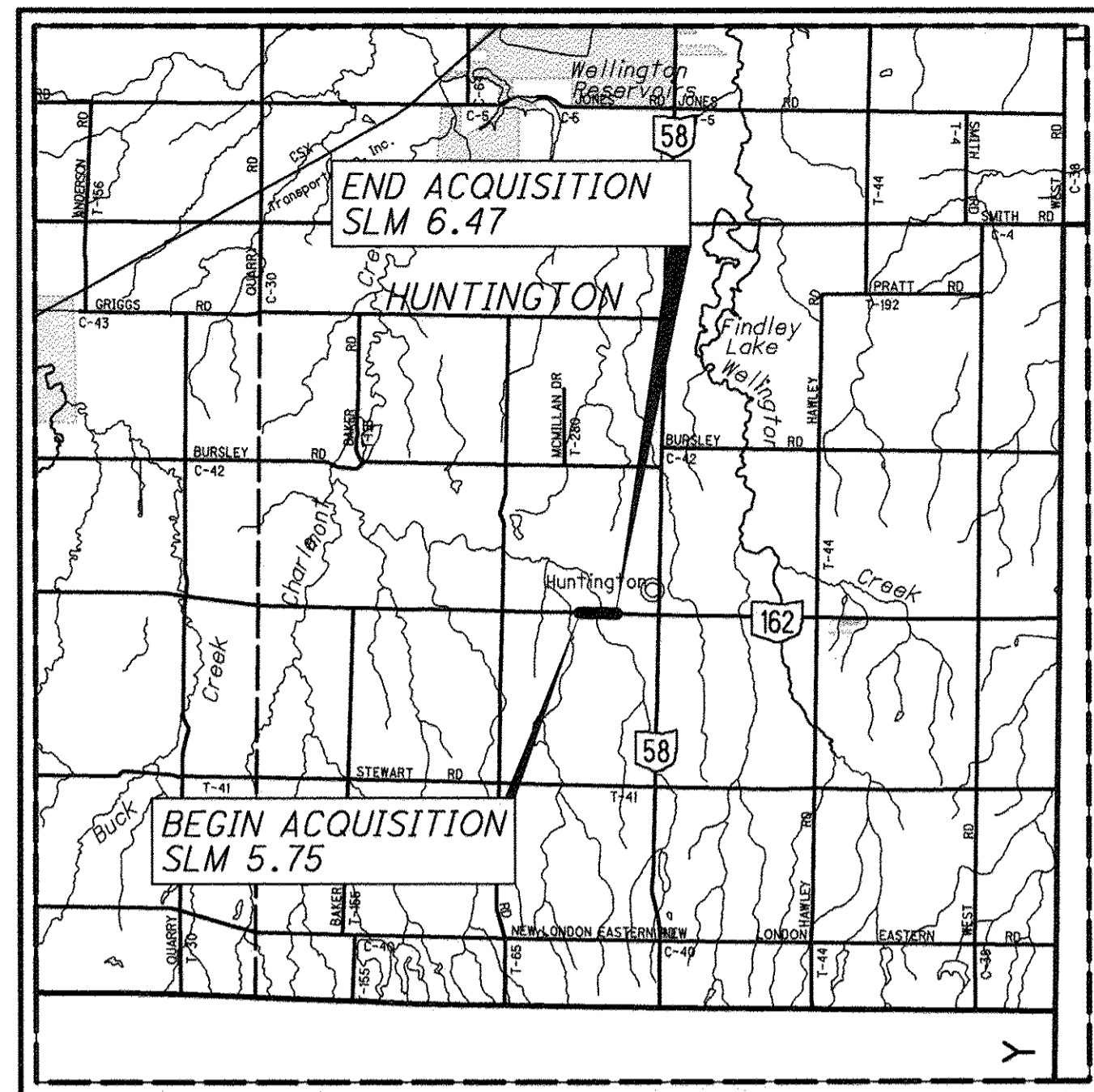


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 WORKSTATION: ellison  
 MODELNAME: Design  
 DATE: 7/3/2013



LOCATION MAP

LATITUDE: N 41° 6' 3" LONGITUDE: W 82° 13' 42"



# RIGHT OF WAY LEGEND SHEET LOR-162-5.77

LORAIN COUNTY  
 HUNTINGTON TOWNSHIP  
 TRACT 4 & 5, ORIGINAL LOT 1  
 T-2-N, R-18-W

### PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF REPLACING EXISTING STONE ARCH STRUCTURE WITH A 14' X 8' BOX CULVERT OVER A CHARLEMONT CREEK TRIBUTARY. ALSO INCLUDED IS PAVEMENT REPLACEMENT AND SHOULDER WIDENING, GUARDRAIL RECONSTRUCTION, AND PAVEMENT MARKINGS ALONG S.R. 162.

### PLANS PREPARED BY:

FIRM NAME : ODOT DISTRICT THREE  
 R/W DESIGNER: BETH SANDERS  
 R/W REVIEWER: SCOTT HAWKINS  
 FIELD REVIEWER: SCOTT HAWKINS  
 PRELIMINARY FIELD REVIEW DATE: 2/1/13  
 TRACINGS FIELD REVIEW DATE: 6/25/13  
 OWNERSHIP UPDATED BY: BETH SANDERS  
 DATE COMPLETED: 7/3/13  
 PLAN COMPLETION DATE: 7/3/13

ODOT  
 241 STANFORD PRKWAY  
 FINDLAY, OH 45840  
 Plat vol. 99  
 pgs 5, 6, 7, 8, 9, 10, 11

Doc ID: 017622430007 Type: OFF  
 Kind: PLAT  
 Recorded: 08/19/2013 at 10:54:41 AM  
 Fee Amt: \$604.80 Page 1 of 7  
 Lorain County, Ohio  
 Judith M. Nedzick County Recorder  
 File 2013-0475079

**TRANSFERRED**  
 IN COMPLIANCE WITH SEC. 319-202  
 OHIO REV. CODE  
 AUG 19 2013  
 J. CRAIG SNODGRASS, CPA, CGFM  
 LORAIN COUNTY AUDITOR

*FEE EX 100*

### INDEX OF SHEETS:

LEGEND SHEET	1
CENTERLINE PLAT	2-3
PROPERTY MAP	4
SUMMARY OF ADDITIONAL R/W	5
R/W TOPOGRAPHIC SHEETS	6
R/W BOUNDARY SHEETS	7

### STRUCTURE KEY

	RESIDENTIAL
	COMMERCIAL
	OUT-BUILDING

TYPES OF TITLE LEGEND:  
 WL = FEE SIMPLE WITH LIMITATION OF ACCESS  
 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

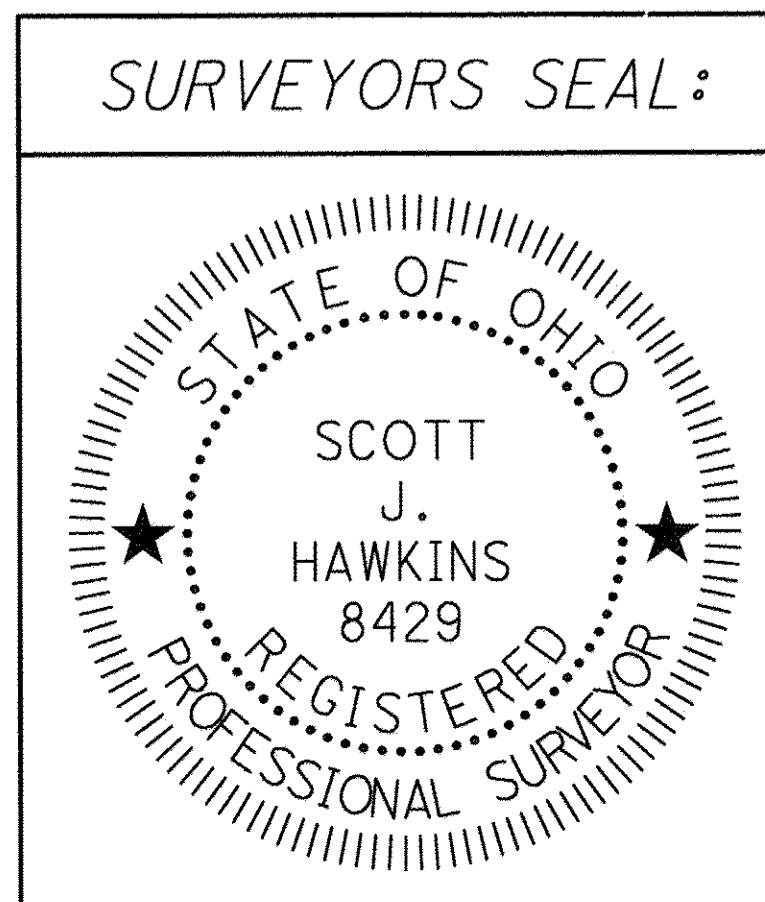
UTILITY OWNERS	
TELEPHONE	FRONTIER COMMUNICATIONS BRENT FIALA 6223 NORWALK ROAD MEDINA, OHIO 44256 330-722-9453
WATER	RURAL LORAIN COUNTY WATER AUTHORITY JIM TRUESDELL 42401 SR 303, P.O. BOX 567 LAGRANGE, OHIO 44050 440-355-6060
ELECTRIC	LORAIN-MEDINA RURAL ELECTRIC BRAD WARNEMENT P.O. BOX 158 WELLINGTON, OHIO 44090 800-222-5673
CABLE	ARMSTRONG UTILITIES TAD SEDWICK 1215 CLAREMONT AVENUE ASHLAND, OH 44805 419-289-0161 EXT. 50603

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

### SURVEYORS SEAL:



I, SCOTT J. HAWKINS, P.S., HAVE CONDUCTED A SURVEY OF THE EXISTING CONDITIONS FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN MAY 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 A212402759 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 1.000101582.

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.

*Scott J. Hawkins*  
 SCOTT J. HAWKINS, PROFESSIONAL LAND SURVEYOR NO. 8429

7/9/13  
 DATE

FEDERAL PROJECT NO. E051334  
 PID NO. 80123  
 CALCULATED EAS CHECKED SUH  
 RIGHT OF WAY LEGEND SHEET  
 LOR-162-5.77  
 1/7

**BASIS FOR BEARINGS:**

THE BEARINGS REFERRED TO HEREIN ARE RELATIVE TO GRID NORTH OF THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE (3401) NAD 83 (CORS 96) DATUM FROM GPS OBSERVATIONS OF THE ODOT VRS GPS SYSTEM IN MAY 2012 BY ODOT DISTRICT THREE SURVEY DEPARTMENT AND ARE FOR THE PURPOSE OF DEFINING ANGULAR MEASUREMENTS.

**LOR-162-5.77**

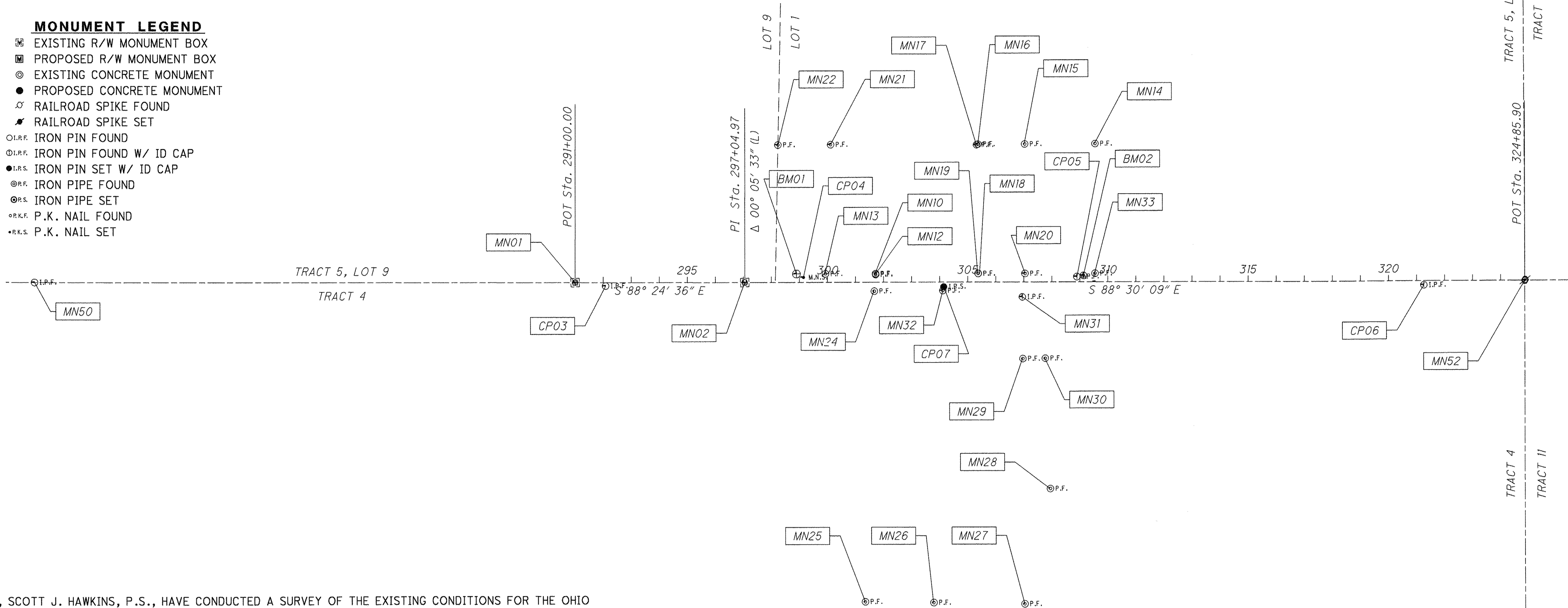
LORAIN COUNTY  
HUNTINGTON TOWNSHIP  
T. 2 N., R. 18 W.  
TRACT 4 & TRACT 5, ORIGINAL LOT 1

**PROJECT CONTROL**

OHIO STATE PLANE GRID NAD 83 (CORS 96)  
NORTH ZONE (3401)  
PROJECT ADJUSTMENT FACTOR = 3.281166607  
METRIC GRID TO ENGLISH PROJECT  
COORDINATE MULTIPLIER

**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
- ⊙ P.K.F. P.K. NAIL FOUND
- ⊙ P.K.S. P.K. NAIL SET



I, SCOTT J. HAWKINS, P.S., HAVE CONDUCTED A SURVEY OF THE EXISTING CONDITIONS FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN MAY 2012. THE RESULTS OF THAT SURVEY ARE CONTAINED HEREIN.

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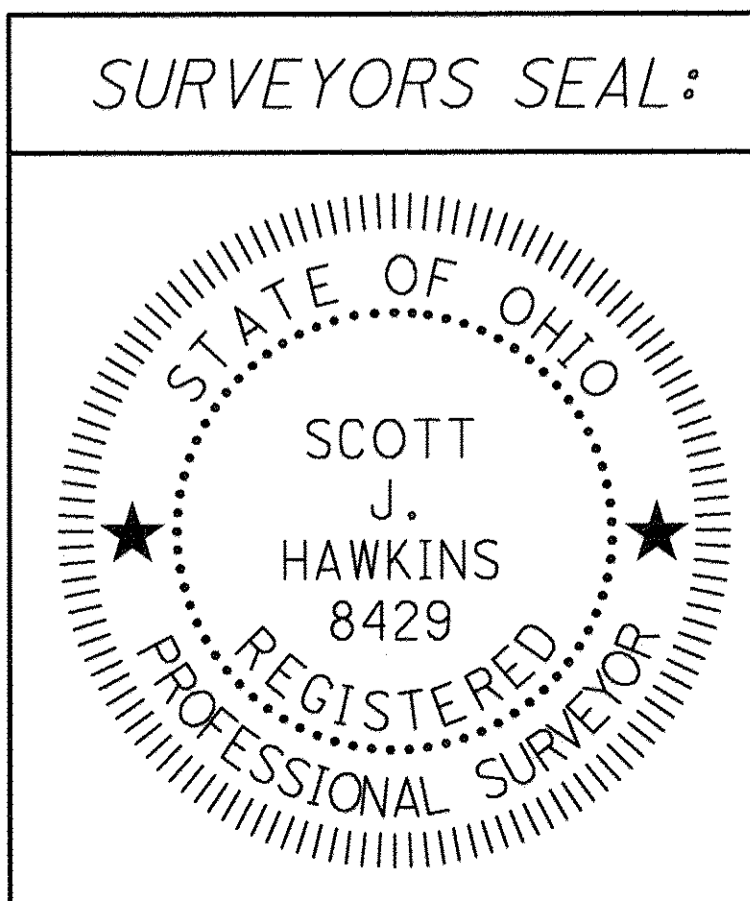
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*Scott J. Hawkins*  
SCOTT J. HAWKINS, PROFESSIONAL LAND SURVEYOR NO. 8429

7/9/13  
DATE



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 PLANS:

NEW LONDON-LAFAYETTE RD SECTION C & D (1922)  
SEE COORDINATE TABLE CENTERLINE PLAT SHEET 3.

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.

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

**CENTERLINE PLAT**

**LOR-162-5.77**

R/W DESIGNER EAS R/W REVIEWER SUJ  
PID NO. **80123**

1 / 2  
2 / 7

DESIGN FILE: \\projects\80123\row\sheets\80123RC001.dgn  
WORKSTATION: ellison DATE: 7/3/2013 MODEL NAME: Design

PROJECT GROUND COORDINATES - US SURVEY FEET

PROJECT CONTROL POINTS

STATE PLANE GRID COORDINATES

MONUMENTS TO BE SET DURING CONSTRUCTION

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

BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.281166607

Table with columns: NAME, STATION, C/L OF RIGHT OF WAY SR 162, OFFSET (ft), RT/LT, NORTH (ft), EAST (ft), ELEVATION (ft), FEATURE, DESCRIPTION. Includes control points CP03 through CP06.

DESCRIPTION

HORIZONTAL DATUM - NAD83(COR96), OHIO NORTH ZONE (3401) FROM CORS  
VERTICAL DATUM NAVD 88 CP06 ELEV. DEFINED BY GPS FROM CORS USING GEOID09

ALL OTHER ELEVATIONS ESTABLISHED FROM LEVELING FROM CP06

Table with columns: NAME, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT). Includes monuments BM01 through BM06.

ITEM 604E38500 MONUMENT ASSEMBLY

ITEM 604E40500 REFERENCE MONUMENT

CENTERLINE OF RIGHT OF WAY & CONSTRUCTION STATE ROUTE 162

CENTERLINE ALIGNMENT

HORIZ. 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. Includes monuments MN01 through MN52.

DESCRIPTION

Table with columns: NAME, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT). Includes monuments MN01 through MN52.

TOTAL MONUMENTS - QUANTITY CARRIED TO GENERAL SUMMARY ITEM 604

0

PROJECT ADJUSTMENT FACTOR BASED ON: The combined scale factor was derived using Trimble Business Center Software for the final averaged position of control point CP06

UNITLESS FACTOR = 1.00010158 State Plane Grid to Project Ground (same units)  
PROJECT ADJ. FACTOR = 3.28116661 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.

The project was originally started in 2007 but delayed. All project control points, except CP04 which was set in May, 2012, where set in 2007 and reposition in May, 2012. Positions were established using VRS observations in accordance the most recent version of the ODOT Surveying and Mapping Specifications.

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)

BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.281166607

Table with columns: NAME, STATION, C/L OF RIGHT OF WAY SR 162, OFFSET (ft), RT/LT, NORTH (ft), EAST (ft), ELEVATION (ft), FEATURE, DESCRIPTION. Includes monuments RP17 through RP16.

DESCRIPTION

HORIZONTAL DATUM - NAD83(COR96), OHIO NORTH ZONE (3401) FROM CORS  
VERTICAL DATUM NAVD 88 CP06 ELEV. DEFINED BY GPS FROM CORS USING GEOID09

ALL OTHER ELEVATIONS ESTABLISHED FROM LEVELING FROM CP06

Table with columns: NAME, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT). Includes monuments RP17 through RP16.

ITEM 604E40520 RIGHT OF WAY PIN (TYPE 'B')

ITEM 604 BOUNDARY PIN (TYPE 'B')

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)

BY A PROJECT ADJUSTMENT FACTOR (PAF) MULTIPLIER OF : 3.281166607

Table with columns: NAME, STATION, C/L OF RIGHT OF WAY SR 162, OFFSET (ft), RT/LT, NORTH (ft), EAST (ft), ELEVATION (ft), FEATURE, DESCRIPTION. Includes monuments MN50 through MN14.

DESCRIPTION

HORIZONTAL DATUM - NAD83(COR96), OHIO NORTH ZONE (3401) FROM CORS  
VERTICAL DATUM NAVD 88 CP06 ELEV. DEFINED BY GPS FROM CORS USING GEOID09

ALL OTHER ELEVATIONS ESTABLISHED FROM LEVELING FROM CP06

Table with columns: NAME, NORTH (m), EAST (m), ORTHO HT (m), NORTH (US FT), EAST (US FT). Includes monuments MN50 through MN14.

SUBTOTAL MONUMENTS - QUANTITY CARRIED TO CENTERLINE PLAT SHEET 3 OF 4

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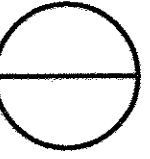
R/W DESIGNER EAS  
R/W REVIEWER SUH

CENTERLINE PLAT

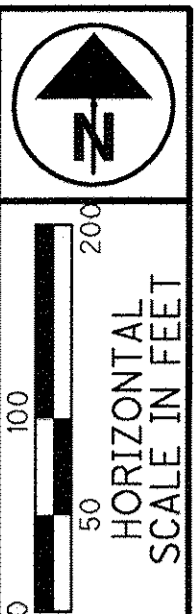
LOR-162-5.77

2 / 2

3 / 7



LORAIN COUNTY  
HUNTINGTON TOWNSHIP  
T. 2 N., R. 18 W.  
TRACT 4 & TRACT 5, ORIGINAL LOT 1



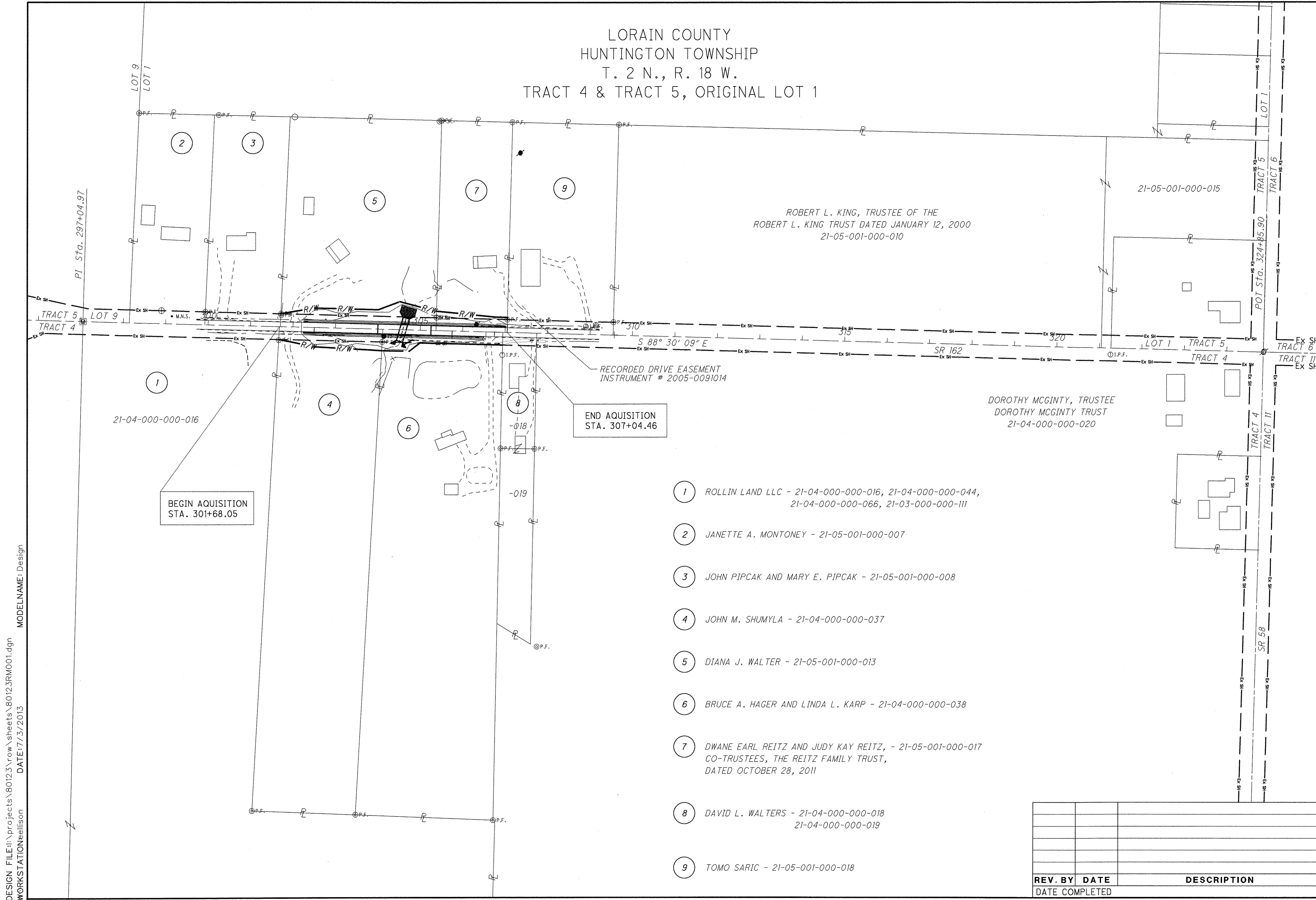
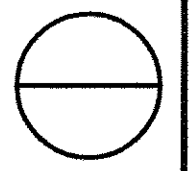
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**80123**

R/W DESIGNER  
EAS  
R/W REVIEWER  
SJH

**PROPERTY MAP**

**LOR-162-5.77**

4 / 7



ROBERT L. KING, TRUSTEE OF THE  
ROBERT L. KING TRUST DATED JANUARY 12, 2000  
21-05-001-000-010

DOROTHY MCGINTY, TRUSTEE  
DOROTHY MCGINTY TRUST  
21-04-000-000-020

END AQUISION  
STA. 307+04.46

BEGIN AQUISION  
STA. 301+68.05

- ① ROLLIN LAND LLC - 21-04-000-000-016, 21-04-000-000-044, 21-04-000-000-066, 21-03-000-000-111
- ② JANETTE A. MONTONEY - 21-05-001-000-007
- ③ JOHN PIPCAK AND MARY E. PIPCAK - 21-05-001-000-008
- ④ JOHN M. SHUMYLA - 21-04-000-000-037
- ⑤ DIANA J. WALTER - 21-05-001-000-013
- ⑥ BRUCE A. HAGER AND LINDA L. KARP - 21-04-000-000-038
- ⑦ DWANE EARL REITZ AND JUDY KAY REITZ, - 21-05-001-000-017  
CO-TRUSTEES, THE REITZ FAMILY TRUST,  
DATED OCTOBER 28, 2011
- ⑧ DAVID L. WALTERS - 21-04-000-000-018  
21-04-000-000-019
- ⑨ TOMO SARIC - 21-05-001-000-018

REV. BY	DATE	DESCRIPTION

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MODELNAME: Design





LORAIN COUNTY  
HUNTINGTON TOWNSHIP  
TRACT 4 & TRACT 5, ORIGINAL LOT 1  
T. 2 N., R. 18 W.

RESIDENTIAL

7

DWANE EARL REITZ AND JUDY KAY REITZ,  
CO-TRUSTEES, THE REITZ FAMILY TRUST,  
DATED OCTOBER 28, 2011  
46350 SR 162  
WELLINGTON, OH 44090  
21-05-001-000-017

RESIDENTIAL

5

DIANE J. WALTER  
46430 SR 162  
WELLINGTON, OH 44090  
21-05-001-000-013

AGRICULTURAL

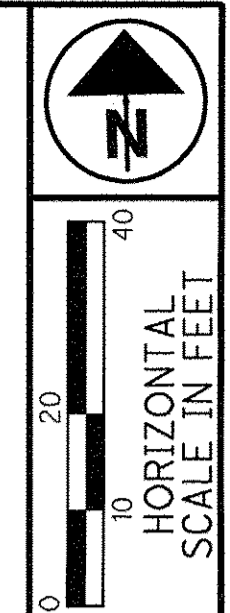
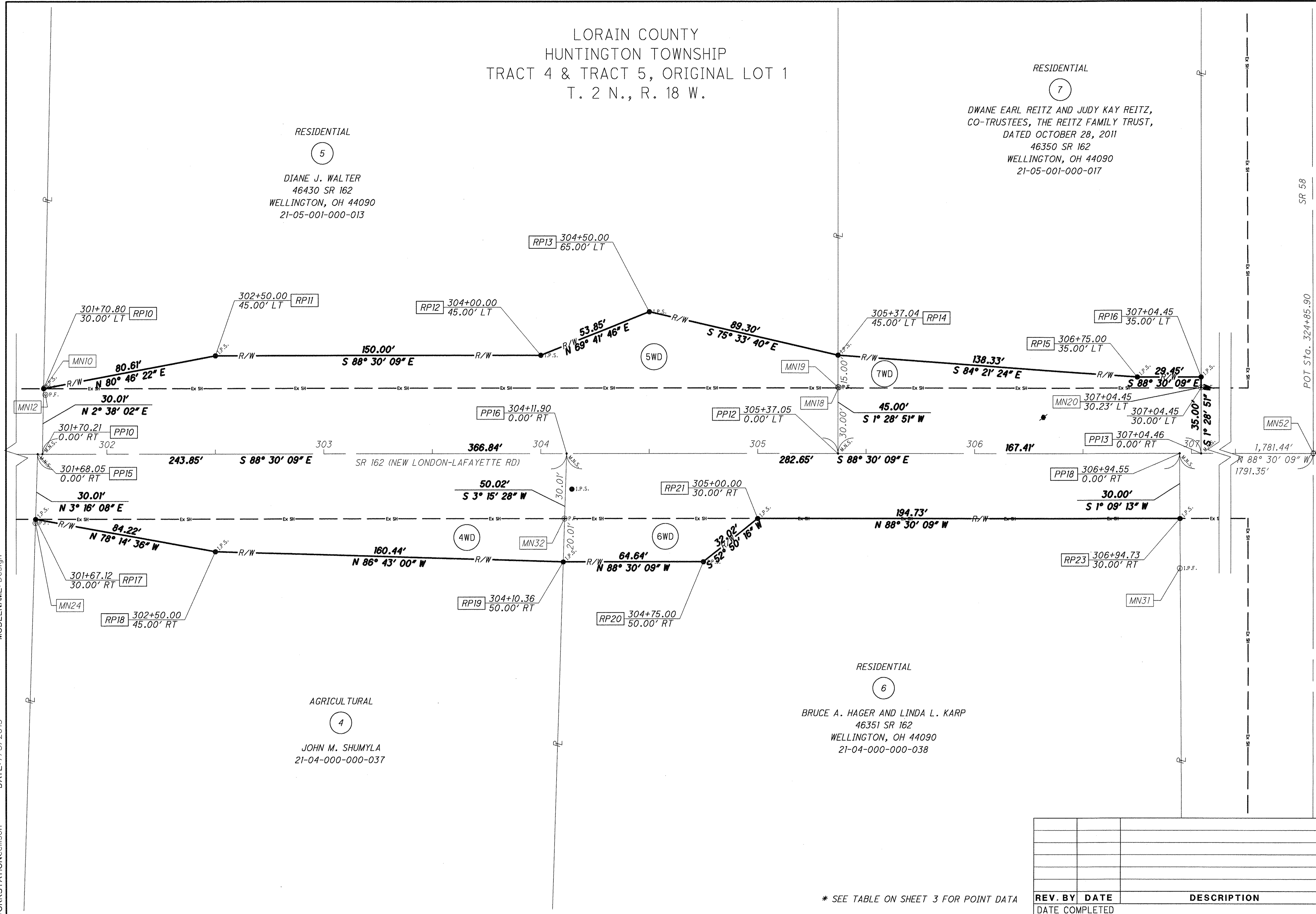
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JOHN M. SHUMYLA  
21-04-000-000-037

RESIDENTIAL

6

BRUCE A. HAGER AND LINDA L. KARP  
46351 SR 162  
WELLINGTON, OH 44090  
21-04-000-000-038



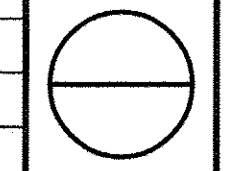
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**80123**

R/W DESIGNER  
EAS  
R/W REVIEWER  
SUJH

**RIGHT OF WAY TOPO SHEET**  
**STA. 301+68.05 TO STA. 307+05.00**

**LOR-162-5.77**

7 / 7



DESIGN FILE: \\projects\row\sheet\80123\row\sheet\80123R0001.dgn  
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DATE: 7/3/2013  
MODELNAME: Design

\* SEE TABLE ON SHEET 3 FOR POINT DATA

REV. BY	DATE	DESCRIPTION