

LOCATION MAP

LATITUDE: N41°22'30.87" LONGITUDE: W83°54'45.13"



PORTION TO BE IMPROVED	
INTERSTATE HIGHWAY	
FEDERAL ROUTES	
STATE ROUTES	
COUNTY & TOWNSHIP ROADS	
OTHER ROADS	

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig

**OHIO811.org**
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)

CONVENTIONAL SYMBOLS

County Line	-----	Edge of Shoulder (Ex)	-----
Township Line	-----	Edge of Shoulder (Pr)	-----
Section Line	-----	Ditch / Creek (Ex)	-----
Corporation Line	----- or -----	Ditch / Creek (Pr)	-----
Fence Line (Ex)	-----x-----x----- (Pr) -----x-----x-----	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)	-----
Standard Highway Ease.(Pr)	-----SH-----	Tree (Ex)	-----
Temporary Right of Way	-----TMP-----	Shrub (Ex)	-----
Channel Ease. (Pr)	-----CH-----	Tree (Remove)	-----
Utility Ease. (Ex)	-----Ex U-----	Shrub (Remove)	-----
Railroad	----- or -----	Evergreen (Ex)	-----
Guardrail (Ex)	----- (Pr) -----	Stump	-----
Construction Limits	-----	Evergreen (Remove)	-----
Edge of Pavement (Ex)	-----	Stump (Remove)	-----
Edge of Pavement (Pr)	-----	Wetland (Pr)	-----
		Grass (Pr)	-----
		Aerial Target	-----
		Post (Ex)	-----
		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)	-----

RIGHT OF WAY LEGEND SHEET SAN-412-9.05

SANDUSKY COUNTY
TOWNSEND TOWNSHIP
SECTION 21
T. 5 N., R. 17 E.

INDEX OF SHEETS:

LEGEND SHEET	1
PROPERTY MAP	2
RIGHT OF WAY PLAN	3

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING THE STATE HIGHWAY RECORDS FOR "I.C.H. 281 SECTION U FREMONT-CASTALIA ROAD" ALONG WITH SURVEYS RECORDED AT THE SANDUSKY COUNTY ENGINEER'S OFFICE.

PROJECT DESCRIPTION

REPLACEMENT OF CULVERT
SAN-412-9.751;
PERFORM NECESSARY
RELATED WORK.

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- IRON PIN FOUND
- IRON PIN FOUND W/ ID CAP
- IRON PIN SET W/ ID CAP
- IRON PIPE FOUND
- IRON PIPE SET
- P.K. NAIL FOUND
- P.K. NAIL SET
- DRILL HOLE FOUND
- MAG NAIL FOUND
- MAG NAIL SET

PLANS PREPARED BY:

FIRM NAME : O.D.O.T.
R/W DESIGNER: JFO
R/W REVIEWER: RGN
FIELD REVIEWER: _____
PRELIMINARY FIELD REVIEW DATE: _____
TRACINGS FIELD REVIEW DATE: _____
OWNERSHIP UPDATED BY: JFO
DATE COMPLETED: 03/26/2024
PLAN COMPLETION DATE: 05/15/2024

UTILITY OWNERS

Buckeye Cablevision 2700 Oregon Rd. Northwood, OH 43519 Phone: 419-724-3713	Toledo Edison 6099 Angola Road Holland, OH 43528 Phone: 419-249-5218
Northern Ohio Rural Water 2205 US Highway 20 E. Norwalk, OH 44857-9521 Phone: 419-668-7213	Buckeye Cablevision 2700 Oregon Rd. Northwood, OH 43519 Phone: 419-724-3713
A T & T 130 N. Erie Street Room 714 Toledo, OH 43624 Phone: 419-245-7304	Frontier 300 West Gypsy Lane Road Building A Bowling Green, OH 43402 Phone: 419-354-9452

NOTES: 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.

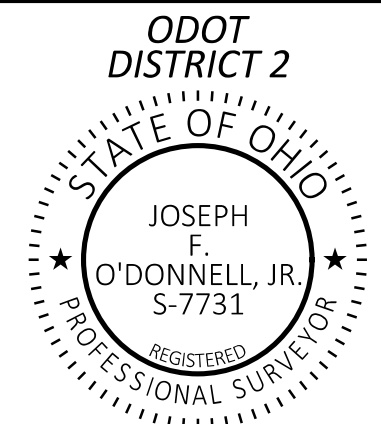
STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

TYPES OF TITLE LEGEND:
SH = STANDARD HIGHWAY EASEMENT

I, Joseph F. O'Donnell, Jr., P.S. have conducted a survey of the existing conditions for the Ohio Department of Transportation on January 18th, 2024. The results of that survey are contained herein. See the Survey Parameters note affixed to these plans for the horizontal and vertical survey parameters used for this project. As a part of this project, I have reestablished the locations of the existing boundary lines, the existing center line of Right of Way and the existing Right of Way limits as necessary for the property takes contained herein. As a part of this project I have established the proposed boundary lines, calculated the Gross Take, present road occupied (PRO), Net Take and Net Residue herein. As a part of this work, right of way monuments will be set at the locations shown herein per the Memorandum of Understanding between the Board of Registration for Engineers and Surveyors and the Ohio Department of Transportation dated 9-22-2010. All of my work contained herein was conducted in accordance with the Ohio Administrative Code Chapter 4733-37 Standards for Boundary Surveys unless so noted. The words "I and my" as used herein are to mean that either myself or someone working under my direct supervision.

SURVEYOR'S SEAL



SURVEYING PARAMETERS

THE FOLLOWING VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS WERE USED FOR ALL SURVEYING ON THIS PROJECT:

POSITIONING METHOD: ODOT REAL TIME NETWORK (2011)
MONUMENT TYPE: TYPE B

VERTICAL POSITIONING -
ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: 2018

HORIZONTAL POSITIONING -
REFERENCE FRAME: NAD83 (2011) (EPOCH 2010.0)
ELLIPSOID: GRS 80
COORDINATE SYSTEM: CUSTOM O.D.O.T. SANDUSKY LDP *
SANDUSKY LDP PROJECTION PARAMETERS:
PROJECTION: LCC 1 PARALLEL
CENTRAL LATITUDE: N 41°24'00"
CENTRAL LONGITUDE: W 83°06'00"
FALSE NORTHING: 100,000 METERS
FALSE EASTING: 50,000 METERS
PROJECTION SCALE FACTOR: 1.000026

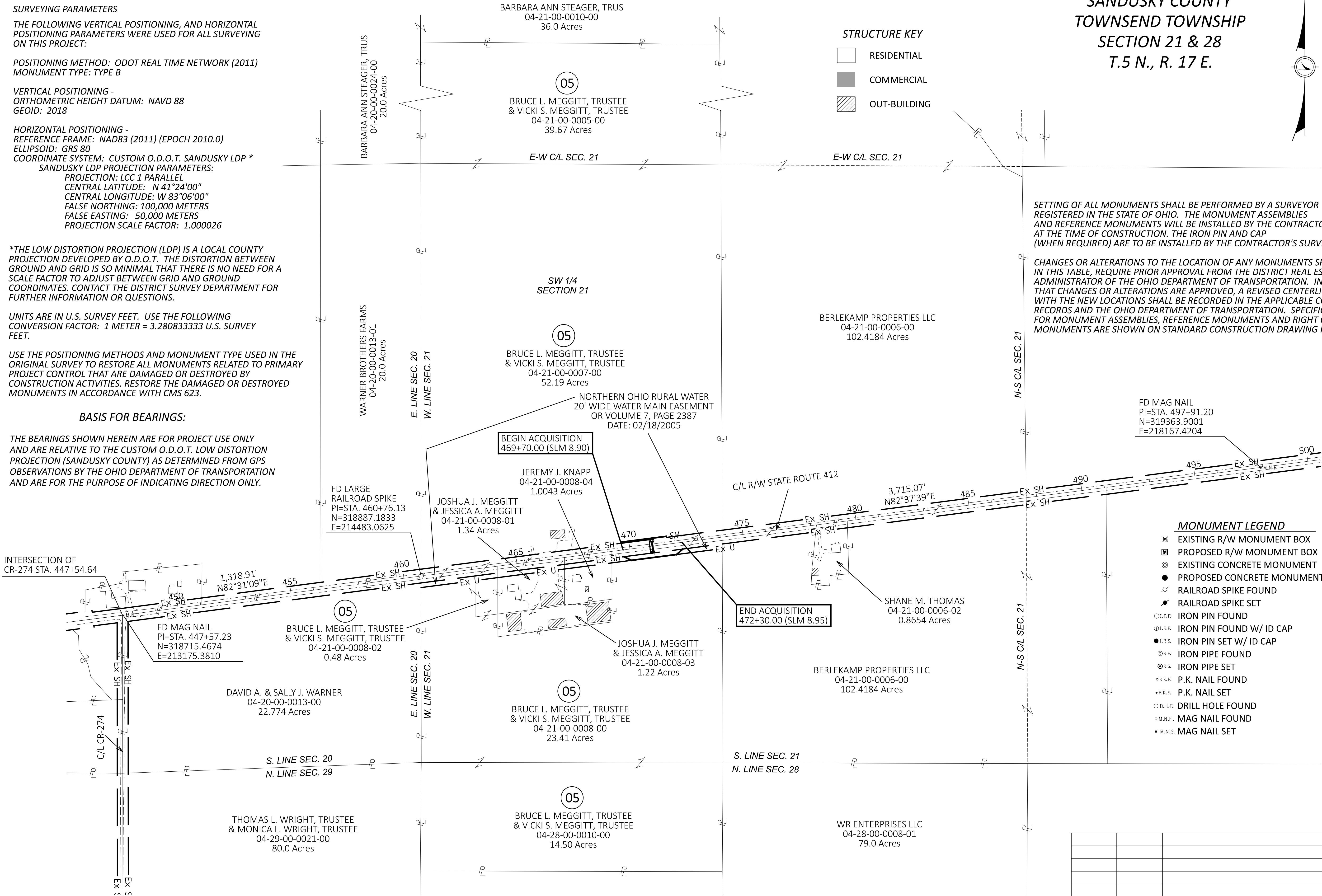
*THE LOW DISTORTION PROJECTION (LDP) IS A LOCAL COUNTY PROJECTION DEVELOPED BY O.D.O.T. THE DISTORTION BETWEEN GROUND AND GRID IS SO MINIMAL THAT THERE IS NO NEED FOR A SCALE FACTOR TO ADJUST BETWEEN GRID AND GROUND COORDINATES. CONTACT THE DISTRICT SURVEY DEPARTMENT FOR FURTHER INFORMATION OR QUESTIONS.

UNITS ARE IN U.S. SURVEY FEET. USE THE FOLLOWING CONVERSION FACTOR: 1 METER = 3.280833333 U.S. SURVEY FEET.

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

BASIS FOR BEARINGS:

THE BEARINGS SHOWN HEREIN ARE FOR PROJECT USE ONLY AND ARE RELATIVE TO THE CUSTOM O.D.O.T. LOW DISTORTION PROJECTION (SANDUSKY COUNTY) AS DETERMINED FROM GPS OBSERVATIONS BY THE OHIO DEPARTMENT OF TRANSPORTATION AND ARE FOR THE PURPOSE OF INDICATING DIRECTION ONLY.



SANDUSKY COUNTY
TOWNSEND TOWNSHIP
SECTION 21 & 28
T.5 N., R. 17 E.

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.

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
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- P.K. NAIL SET
- DRILL HOLE FOUND
- MAG NAIL FOUND
- MAG NAIL SET

REV. BY	DATE	DESCRIPTION
DATE COMPLETED 05/15/2024		

HORIZONTAL SCALE IN FEET
0 100 200 400

PROPERTY MAP

DESIGN AGENCY

DESIGNER
JFO

REVIEWER
RGN 05-10-24

PROJECT ID
92370

SUBSET
RW.2

TOTAL
RW.3

HORIZONTAL
SCALE IN FEET

A horizontal scale bar with a black and white checkerboard pattern. It is marked with the numbers 0, 10, 20, and 40.



REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY		DATE:
OWNERSHIP VERIFIED BY JFO		DATE: 03/26/2024
DATE COMPLETED 05/15/2024		

RW.3	RW.
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MODEL: Sheet_SurvFI PAPERSIZE: 34x22 (in.) DATE: 5/15/2024 TIME: 3:48:32 PM USER: jodonnell
\\ohiodot-pw-bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 02\Sandusky 92370\400-Engineering\RW\Sheets\92370_RD001.dgn