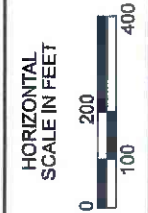


CRAWFORD COUNTY
SANDUSKY TOWNSHIP
NW QTR. SECTION 27
T. 17 N., R. 21 W.



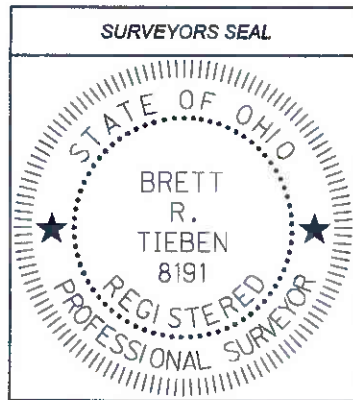
I, Brett R. Tieben, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation on February 2020. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinates System North Zone on NAD 83 (2011) datum. The Project Coordinates (US Survey Feet) are relative to State Plane Grid Coordinates (Meters or US Survey Feet) by a Project Adjustment Factor of 1.00009691. 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 right of way monuments at the property corners, property line intersection, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

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.

Brett R. Tieben
Brett R. Tieben, Professional Land Surveyor 8191

Date: 12-1-2021



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:

- DEDICATION PLAT BUCYRUS-SHELBY ROAD (1937)
- PLAT 29, PAGE 534
- PLAT 32, PAGE 08

SEE COORDINATE TABLE AND CENTERLINE PLAT SHEETS 2 & 3

ALL REFERENCES ARE FROM THE CENTERLINE OF RIGHT OF WAY.

ALL SECTION LINES SHOWN ARE FOR GRAPHICAL PURPOSES ONLY.

THE STATIONING IS RELATIVE TO SLM 3.662 AT STATE ROUTE 602, STA. 193+35.36

NOTE: 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 NUMBERS A931702707, A931702700, A931702692, A016103599, A016103619, A016103609 AND THOSE MARKINGS SUBSEQUENTLY BEING SURVEYED AS A PART OF THIS PROJECT.

BASIS FOR BEARINGS:

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. THE BEARINGS REFERRED TO HEREIN ARE RELATIVE TO GRID NORTH OF THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 83 (2011) DATUM FROM GPS OBSERVATIONS OF THE ODOT VRS GPS SYSTEM IN FEBRUARY 2020 BY THE ODOT DISTRICT THREE SURVEY DEPARTMENT AND ARE FOR THE PURPOSE OF DEFINING ANGULAR MEASUREMENTS.

PROJECT CONTROL

STATE PLANE GRID OHIO STATE PLANE
COORDINATE SYSTEM, NORTH
ZONE, NAD 83 (2011)
PROJECT ADJUSTMENT FACTOR 1.00009691

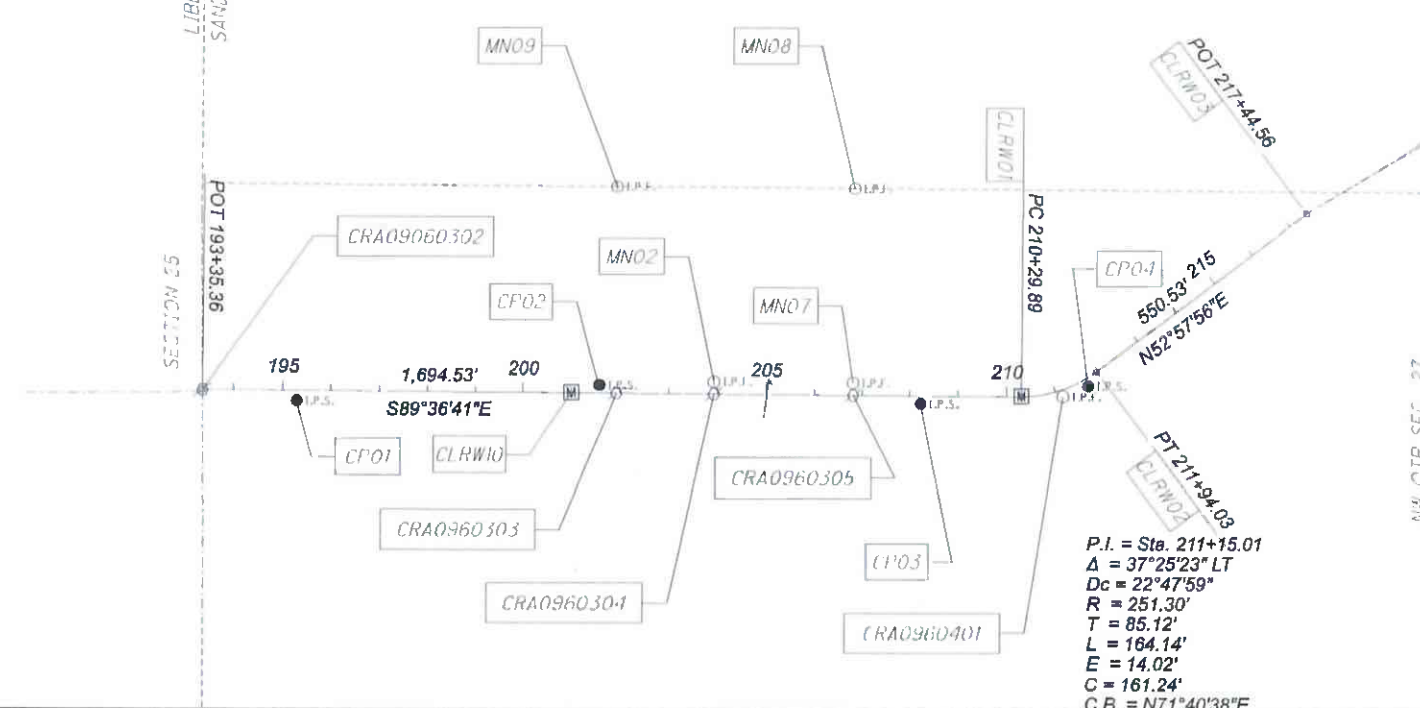
MONUMENT LEGEND

- ◻ 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
- STONE FOUND

RECEIVED	20
RECORDED	20
BOOK	PAGE
COUNTY RECORDER	

DESIGN AGENCY	
DESIGNER	EAS
REVIEWER	BRT 11/5/21
PROJECT ID	109028
SUBSET	TOTAL
2	8
SHEET	TOTAL
25	39

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CENTERLINE PLAT

Import Units:	Ground Coord?	TRUE	Unit Conversion Factor1 (sft->m):	0.304800610	Unitless Ground to Grid Factor:	Unitless Factor:
	U.S. Survey FT	sft	Unit Conversion Factor2 (sft->sft):	1.000000000		
Output Unit1:	Meters	m	Adjustment Factor1:	0.304771074	0.999903099	Primary Project Control: Trimble R6
Output Unit2:	U.S. Survey FT	sft	Adjustment Factor2:	0.999903099		

GROUND COORDINATES - U.S. Survey FT

STATE PLANE GRID COORDINATES

MONUMENTS TO BE SET DURING CONSTRUCTION

PROJECT coordinates are scaled from GRID coordinates about the Ohio North Zone grid point N=0, E=0 (N 39° 27' 01.76097", W 89° 28' 32.98476")

Horiz. Datum: NAD83 (2011) Ohio State Plane, North Zone Vert. Datum: NAVD88 defined by GPS from CORS using NAVD88. All other elevations are established by leveling from .

ITEM 623.05	ITEM 623.05
MONUMENT ASSEMBLY	REFERENCE MONUMENT

NAME	Alignment Name	STATION	OFFSET (sft)	RT/LT	NORTH (sft)	EAST (sft)	ELEVATION (sft)	FEATURE	POINT TYPE	DESCRIPTION	NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (sft)	EAST (sft)	MONUMENT ASSEMBLY	REFERENCE MONUMENT
PROJECT CONTROL POINTS																		
CP01	CLX_096	195+28.048	21.35	RT	428481.870	1870491.842	1028.34	IPINS	Project Control Points	1/4" IRON PIN SET WITH 3.25" ODOT DISC	CP01	130588.8798	570071.8080	313.409	428440.3498	1870310.5902		
CP02	CLX_096	201+57.008	-16.40	LT	428515.356	1871121.044	1026.51	IPINS	Project Control Points	3/8" IRON PIN SET WITH ODOT TRAV. PT. CAP	CP02	130599.0854	570263.5706	312.851	428473.8326	1870939.7312		
BM01	CLX_096	201+99.309	-19.57	LT	428518.233	1871163.365	1027.86	SMSS	Project Control Points	SURVEY MAG SPIKE SET IN POWER POLE	BM01	130599.9622	570276.4688	313.261	428476.7093	1870982.0481		
CP05	CLX_096	205+07.368	16.40	RT	428480.180	1871471.174	1022.93	SMSS	Project Control Points	SURVEY MAG SPIKE SET	CP05	130588.3647	570370.2801	311.760	428438.6600	1871289.8273		
BM02	CLX_096	206+63.610	-22.06	LT	428517.576	1871627.673	1022.59	SMSS	Project Control Points	SURVEY MAG SPIKE SET IN POWER POLE	BM02	130599.7620	570417.9765	311.655	428476.0524	1871446.3111		
CP03	CLX_096	208+23.173	16.56	RT	428477.879	1871796.970	1027.54	IPINS	Project Control Points	3/8" IRON PIN SET WITH ODOT TRAV. PT. CAP	CP03	130587.6635	570466.5256	313.165	428436.3592	1871605.5927		
CP04	CLX_096	211+64.410	15.23	RT	428514.160	1872129.898	1030.63	IPINS	Project Control Points	3/8" IRON PIN SET WITH ODOT TRAV. PT. CAP	CP04	130598.7209	570571.0401	314.106	428472.6367	1871948.4875		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
EXISTING CENTERLINE CONTROL POINTS																		
CRA0960302	CLX_096	193+35.360	0.00		428504.525	1870299.304	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960302	130595.7844	570013.1280	0.000	428463.0027	1870118.0709		
CRA0960303	CLX_096	201+92.621	0.01	RT	428498.700	1871156.545	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960303	130594.0091	570274.3903	0.000	428457.1782	1870975.2288		
CRA0960304	CLX_096	203+92.681	0.02	RT	428497.335	1871356.601	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960304	130593.5931	570335.3616	0.000	428455.8133	1871175.2654		
CRA0960305	CLX_096	206+80.702	0.00		428495.400	1871644.615	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960305	130593.0034	570423.1399	0.000	428453.8785	1871463.2515		
CRA0960401	CLX_096	211+11.984	14.03	RT	428492.455	1872078.938	0.00	IPIN	Existing Centerline Control Points	3/8" IRON PIN FOUND (PI OF CURVE)	CRA0960401	130592.1058	570555.5090	0.000	428450.9338	1871897.5324		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
CENTERLINE ALIGNMENT																		
CRA0960302	CLX_096	193+35.360	0.00		428504.525	1870299.304	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960302	130595.7844	570013.1280	0.000	428463.0027	1870118.0709		
CLRW10	CLX_097	201+00.000	0.00		428499.339	1871063.926	0.00	MONBOXES	Existing Centerline Control Points	MONUMENT ASSEMBLY SET	CLRW10	130594.2039	570246.1627	0.000	428457.8172	1870882.6188	1	
CLRW01	CLX_096	210+29.893	0.00		428493.032	1871993.798	0.00	CALPT/MONBOX	Existing Centerline Control Points	CALCULATED POINT (PC)/ MONUMENT ASSEMBLY SET	CLRW01	130592.2817	570529.5608	0.000	428451.5108	1871812.4007	1	
CLRW02	CLX_096	211+94.031	0.00		428543.720	1872146.859	0.00	CALPT	Existing Centerline Control Points	CALCULATED POINT (PT)	CLRW02	130607.7299	570576.2093	0.000	428502.1939	1871965.4468		
CLRW03	CLX_096	217+44.565	0.00		428875.304	1872586.336	0.00	CALPT	Existing Centerline Control Points	CALCULATED POINT (PI NO CURVE)	CLRW03	130708.7871	570710.1492	0.000	428833.7457	1872404.8812		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
EXISTING BOUNDARY MONUMENTS																		
MN09	CLX_096	201+89.790	-431.91	LT	428930.626	1871156.644	0.00	IPID	Existing Boundary Monuments	3/8" IRON PIN FOUND WITH MAKEEVER CAP	MN09	130725.6477	570274.4205	0.000	428889.0624	1870975.3278		
MN02	CLX_096	203+92.515	-25.21	LT	428522.561	1871356.605	0.00	IPID	Existing Boundary Monuments	3/8" IRON PIN FOUND WITH MAKEEVER CAP	MN02	130601.2813	570335.3628	0.000	428481.0369	1871175.2694		
MN07	CLX_096	206+80.739	-25.03	LT	428520.432	1871644.822	0.00	IPIN	Existing Boundary Monuments	3/8" IRON PIN FOUND	MN07	130600.6324	570423.2030	0.000	428478.9081	1871463.4585		
MN08	CLX_096	206+80.800	-431.69	LT	428927.078	1871647.641	0.00	IPIN	Existing Boundary Monuments	3/8" IRON PIN FOUND	MN08	130724.5663	570424.0621	0.000	428885.5147	1871466.2772		
MN10	CLX_096	219+91.72	96.99	RT	428919.013	1872848.214	0.00	CSF	Existing Boundary Monuments	CORNER STONE FOUND	MN10	130722.1084	570789.9821	0.000	428877.4505	1872666.7339		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
PROPOSED RIGHT OF WAY MONUMENTS																		
RP06	CLX_096	202+25.00	25.00	RT	428473.492	1871188.754	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	RP06	130586.3264	570284.2067	0.000	428431.9727	1871007.4347		
RP05	CLX_096	202+25.00	0.00		428498.491	1871188.923	0.00	MAGS	Proposed RW Monuments	MAG NAIL SPIKE SET	RP05	130593.9454	570284.2582	0.000	428456.9692	1871007.6037		
RP01	CLX_096	203+00.00	0.00		428497.983	1871263.922	0.00	MAGS	Proposed RW Monuments	MAG NAIL SPIKE SET	RP01	130593.7906	570307.1157	0.000	428456.4613	1871082.5954		
RP02	CLX_096	203+00.00	-25.00	LT	428522.982	1871264.091	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	RP02	130601.4096	570307.1672	0.000	428481.4579	1871082.7644		
RP03	CLX_096	203+92.41	-37.94	LT	428535.292	1871356.583	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	RP03	130605.1613	570335.3561	0.000	428493.7667	1871175.2474		
PP02	CLX_096	203+92.66	0.00		428497.354	1871356.580	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	PP02	130593.5989	570335.3552	0.000	428455.8323	1871175.2444		
RP07	CLX_096	204+75.00	65.00	RT	428431.797	1871438.477	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	RP07	130573.6190	570360.3150	0.000	428390.2817	1871257.1335		
RP04	CLX_096	205+00.00	-53.00	LT	428549.625	1871464.277	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	RP04	130609.5296	570368.1781	0.000	428508.0983	1871282.9310		
RP08	CLX_096	205+15.00	65.00	RT	428431.526	1871478.476	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	RP08	130573.5364	570372.5055	0.000	428390.0107	1871297.1286		
PP01	CLX_096	206+80.66	0.00		428495.401	1871644.573	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	PP01	130593.0037	570423.1271	0.000	428453.8795	1871463.2095		
PP03	CLX_096	206+80.66	-25.00	LT	428520.400	1871644.743	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	PP03	130600.6226	570423.1789	0.000	428478.8761	1871463.3795		
RP09	CLX_096	208+00.00	25.00	RT	428469.592	1871763.741	0.00	IPINS	Proposed RW Monuments	1/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT RW-DISTRICT 3"	RP09	130585.1378	570459.4461	0.000	428428.0730	1871582.3660		
RP10	CLX_096	208+00.00	0.00		428494.591	1871763.910	0.00	MAGS	Proposed RW Monuments	MAG NAIL SPIKE SET	RP10	130592.7568	570459.4976	0.000	428453.0696	1871582.5349		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		

NOTE: PINS SET BY DISTRICT 3 AFTER CONSTRUCTION

CRA-96-3.88

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DESIGN AGENCY



DESIGNER

EAS

REVIEWER

BRT 11/5/21

PROJECT ID

109026

SUBSET

3 8

SHEET

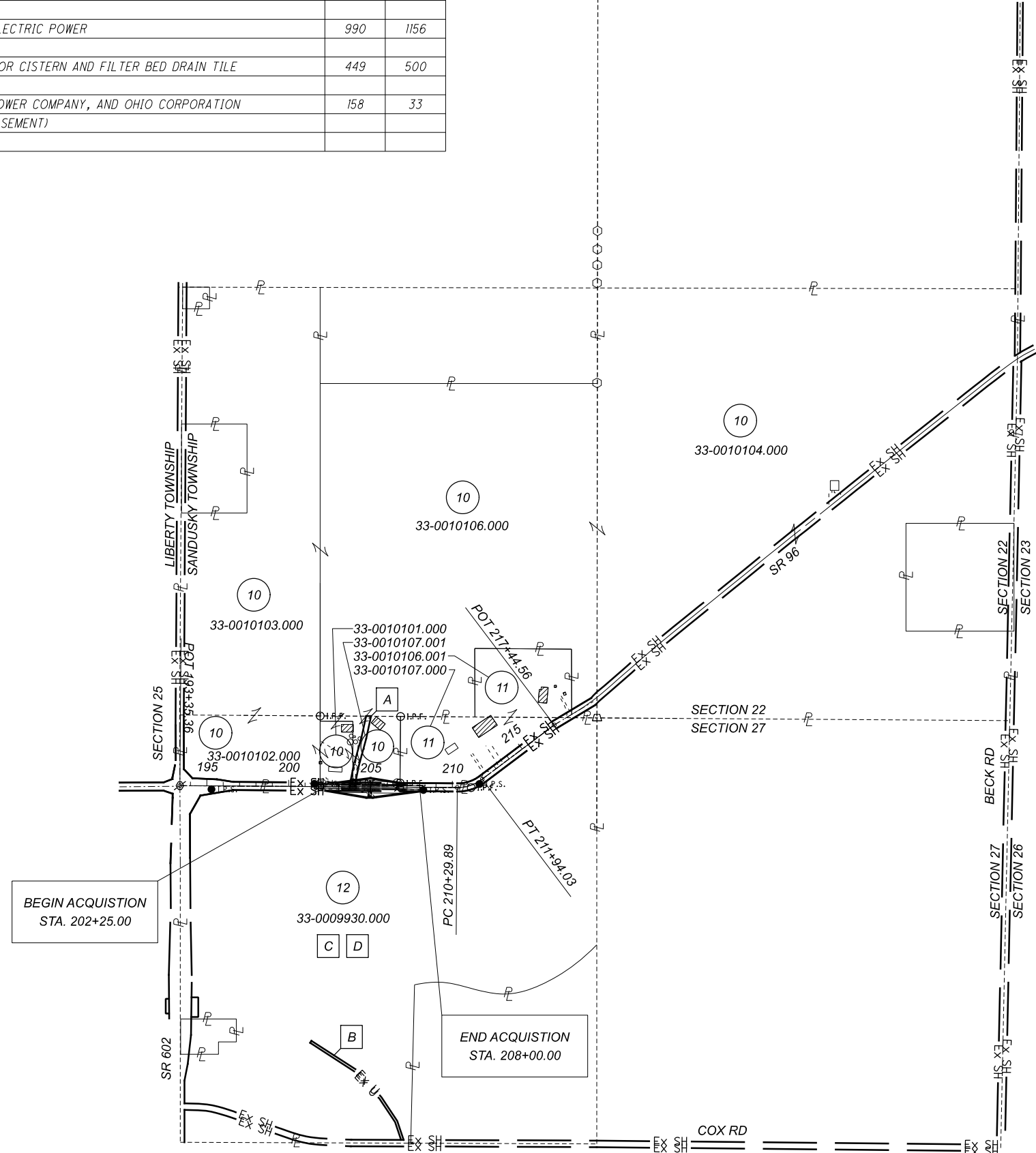
26 39

CENTERLINE PLAT

Parcel No.	Easement No.	Easement Description	Vol	Page
10	A	INGRESS AND EGRESS EASEMENT	455	688
11		N/A		
12	B	AMERICAN ELECTRIC POWER	990	1156
	C	EASEMENT FOR CISTERN AND FILTER BED DRAIN TILE	449	500
	D	THE OHIO POWER COMPANY, AND OHIO CORPORATION (BLANKET EASEMENT)	158	33

CRAWFORD COUNTY
 SANDUSKY TOWNSHIP
 NW. QTR SECTION 27
 T. 17 N., R. 21 W.

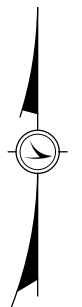
©P.F.



- 10 KENNETH J. SCOTT AND KAREN J. SCOTT, - 33-0010107.001
 TRUSTEES, OR THEIR SUCCESSORS IN 33-0010101.000
 TRUST, UNDER THE KENNETH J. SCOTT 33-0010102.000
 LIVING TRUST, DATED APRIL 5, 2018 33-0010103.000
 KAREN J. SCOTT AND KENNETH J. SCOTT, 33-0010106.000
 TRUSTEES, OR THEIR SUCCESSORS IN 33-0010104.000
 TRUST, UNDER THE KAREN J. SCOTT
 LIVING TRUST, DATED APRIL 5, 2018
- 11 TODD SCOTT - 33-0010107.000
 33-0010106.001
- 12 KATHY S. HALTER AND WILLIAM R. HALTER, CO-TRUSTEES - 33-0009930.000

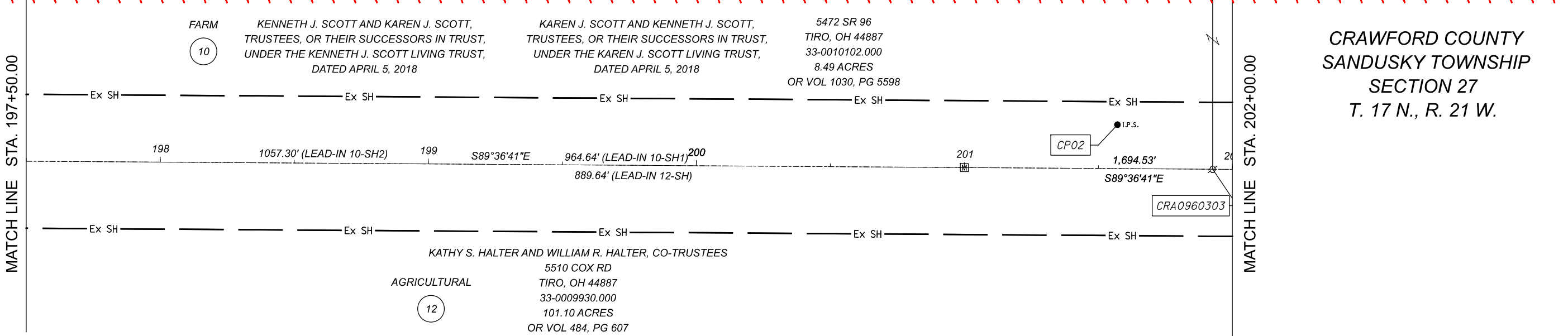


PROPERTY MAP

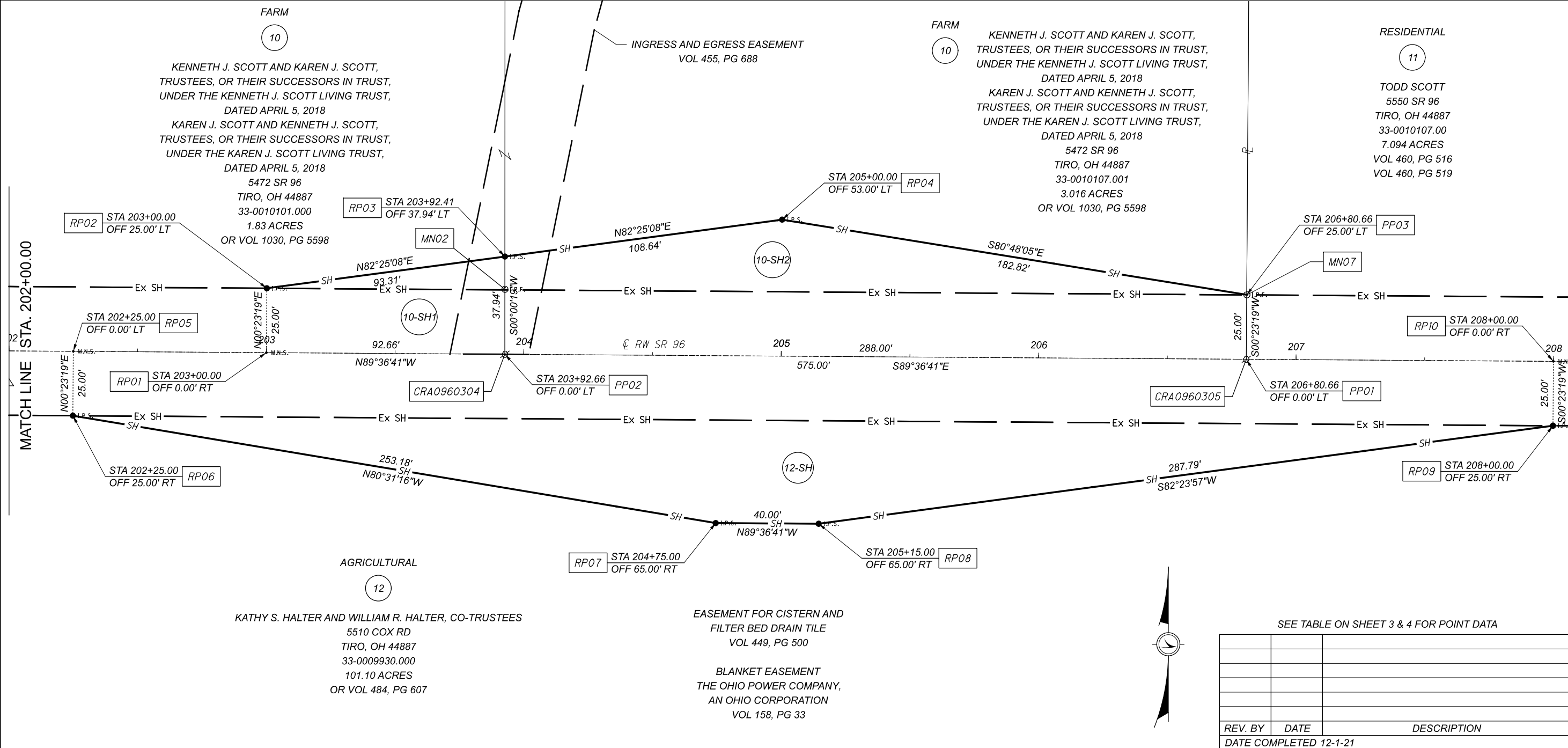
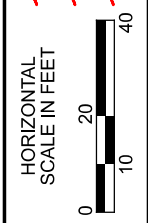


DESIGN AGENCY	[Logo]	
DESIGNER	EAS	
REVIEWER	BRT 11/5/21	
PROJECT ID	109026	
SUBSET	4	TOTAL 8
SHEET	27	TOTAL 39
REV. BY	DATE	DESCRIPTION
DATE COMPLETED 12-1-21		

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**CRAWFORD COUNTY
SANDUSKY TOWNSHIP
SECTION 27
T. 17 N., R. 21 W.**



**RIGHT OF WAY BOUNDARY SHEET
CRA-96-3.88**

DESIGN AGENCY

DESIGNER
EAS

REVIEWER
BRT 11-5-21

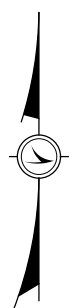
PROJECT ID
109026

SUBSET	TOTAL
8	8
SHEET	TOTAL
31	39

SEE TABLE ON SHEET 3 & 4 FOR POINT DATA

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 12-1-21



RIGHT OF WAY LEGEND SHEET

CRA-96-4.18

CRAWFORD COUNTY
SANDUSKY TOWNSHIP
SECTION 22
T. 17 N., R. 21 W.

PROJECT DESCRIPTION

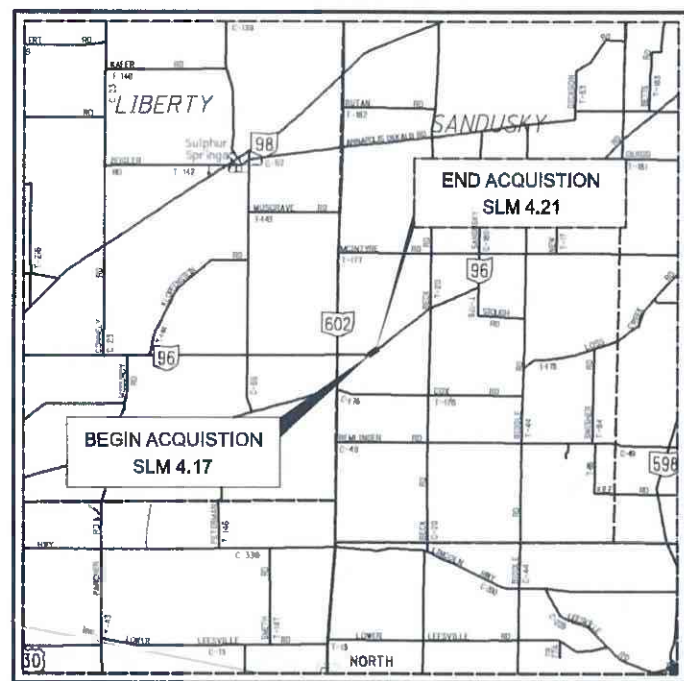
THIS PROJECT WILL INCLUDE THE REPLACEMENT OF TWO EXISTING CPC CULVERTS UNDER STATE ROUTE 96 USING OPEN CUT METHODS. ASSOCIATED PAVING WORK AND INSTALLATION OF GUARDRAIL ON THE SOUTH SIDE OF THE CRA-96-3.88 LOCATION.

FEDERAL PROJECT NUMBER

E190716

STATE JOB NUMBER

439516



LOCATION MAP

LATITUDE: 40°50'37" LONGITUDE: 82°50'47"



TELEPHONE	LUMEN 175 ASHLAND ROAD P.O. BOX 3555 MANSFIELD, OH 44907 419-565-9011
ELECTRIC	AMERICAN ELECTRIC POWER (AEP) 2552 QUAKER ROAD BUCYRUS, OH 44820-8909 419-563-1509

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.

INDEX OF SHEETS:

LEGEND SHEET	1
CENTERLINE PLAT	2-3
PROPERTY MAP	4
SUMMARY OF RIGHT OF WAY	5
TOPO SHEET	6
BOUNDARY SHEET	7-8

TYPES OF TITLE LEGEND:

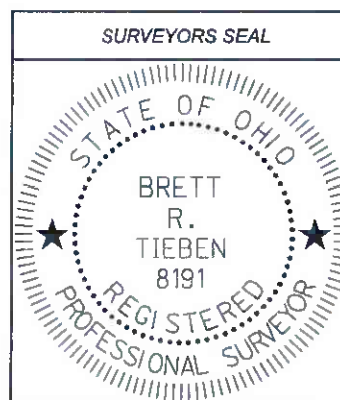
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT

STRUCTURE KEY

	RESIDENTIAL
	COMMERCIAL
	OUT-BUILDING

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)	----- (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)	Tree (Ex)
Standard Highway Ease.(Pr)	----- SH -----	Shrub (Ex)	Shrub (Remove)
Temporary Right of Way	----- TMP -----	Evergreen (Ex)	Stump
Channel Ease. (Pr)	----- CH -----	Evergreen (Remove)	Stump (Remove)
Utility Ease. (Ex)	----- Ex U -----	Wetland (Pr)	Grass (Pr)
Railroad	----- or -----	Aerial Target	
Guardrail (Ex)	----- (Pr) -----	Post (Ex)	Mailbox (Ex)
Construction Limits	-----	Mailbox (Pr)	
Edge of Pavement (Ex)	-----	Light (Ex)	Telephone Marker (Ex)
Edge of Pavement (Pr)	-----	Fire Hydrant (Ex)	Water Meter (Ex)
		Water Valve (Ex)	Utility Valve Unknown (Ex.)
		Telephone Pole (Ex)	Power Pole (Ex)
		Light Pole (Ex)	



I, Brett R. Tieben, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation on March 2020. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinates System North Zone on NAD 83 (2011) datum. The Project Coordinates (US Survey Feet) are relative to State Plane Grid Coordinates (Meters or US Survey Feet) by a Project Adjustment Factor of 1.00009691. 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 right of way monuments at the property corners, property line intersection, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

Brett R. Tieben
Brett R. Tieben, Professional Land Surveyor 8191

Date: 12-1-2021

PLANS PREPARED BY:

FIRM NAME : ODOT
R/W DESIGNER: Beth Sanders
R/W REVIEWER: Brett Tieben
FIELD REVIEWER: Beth Sanders
PRELIMINARY FIELD REVIEW DATE: 8-15-18
TRACINGS FIELD REVIEW DATE: 11-10-21
OWNERSHIP UPDATED BY: Beth Sanders
DATE COMPLETED: 11-24-21
PLAN COMPLETION DATE: 12-1-21

RIGHT OF WAY
LEGEND SHEET

DESIGN AGENCY



DESIGNER
EAS

REVIEWER
BRT 11-5-21

PROJECT ID
109026

SUBSET	TOTAL
1	8

SHEET	TOTAL
32	39

CRA-96-4.18

M:\CRA-96-4.18\PROJECT\DRAWINGS\LEGEND SHEET.dwg
 DATE: 12/01/21 10:00:00 AM
 USER: brett.tieben
 PROJECT: 109026 - Sandusky Township Right of Way Survey
 PROJECT: 109026 - Sandusky Township Right of Way Survey

CRAWFORD COUNTY
SANDUSKY TOWNSHIP
SECTION 22
T. 17 N., R. 21 W.



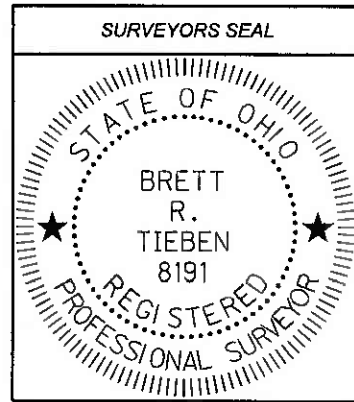
I, Brett R. Tieben, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation on March 2020. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinates System North Zone on NAD 83 (2011) datum. The Project Coordinates (US Survey Feet) are relative to State Plane Grid Coordinates (Meters or US Survey Feet) by a Project Adjustment Factor of 1.00009691. 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 right of way monuments at the property corners, property line intersection, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

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.

Brett R. Tieben
Brett R. Tieben, Professional Land Surveyor 8191

Date: 12-1-2021



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:

- DEDICATION PLAT BUCYRUS-SHELBY ROAD (1937)
- PLAT 29, PAGE 534
- PLAT 32, PAGE 08

SEE COORDINATE TABLE AND CENTERLINE PLAT SHEETS 2 & 3

ALL REFERENCES ARE FROM THE CENTERLINE OF RIGHT OF WAY.

ALL SECTION LINES SHOWN ARE FOR GRAPHICAL PURPOSES ONLY.

THE STATIONING IS RELATIVE TO SLM 3.662 AT STATE ROUTE 602, STA. 193+35.36

PROJECT CONTROL
STATE PLANE GRID OHIO STATE PLANE
COORDINATE SYSTEM, NORTH
ZONE, NAD 83 (2011)
PROJECT ADJUSTMENT FACTOR 1.00009691

BASIS FOR BEARINGS:

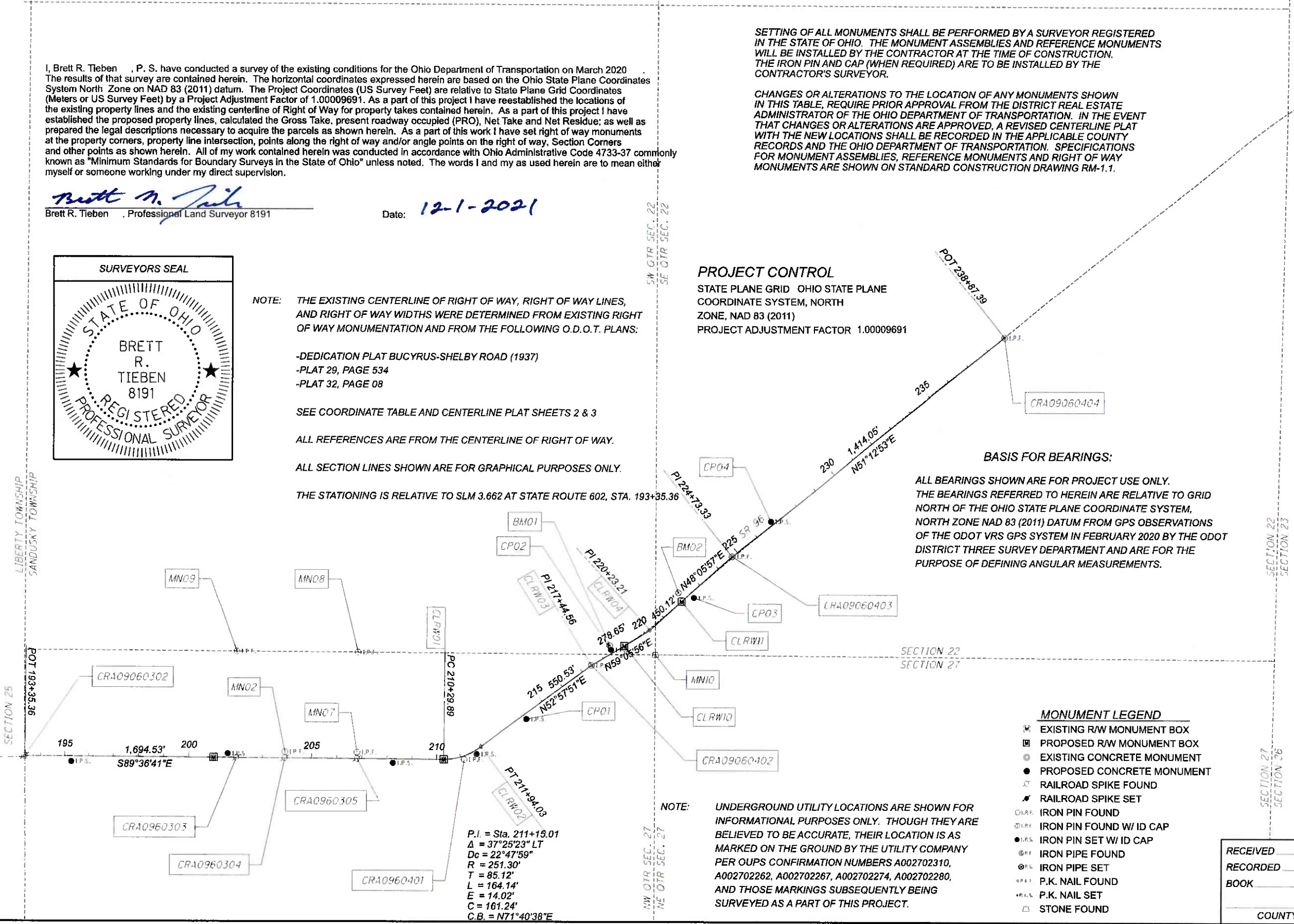
ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. THE BEARINGS REFERRED TO HEREIN ARE RELATIVE TO GRID NORTH OF THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 83 (2011) DATUM FROM GPS OBSERVATIONS OF THE ODOT VRS GPS SYSTEM IN FEBRUARY 2020 BY THE ODOT DISTRICT THREE SURVEY DEPARTMENT AND ARE FOR THE PURPOSE OF DEFINING ANGULAR MEASUREMENTS.

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
- STONE FOUND

NOTE: 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 NUMBERS A002702310, A002702262, A002702267, A002702274, A002702280, AND THOSE MARKINGS SUBSEQUENTLY BEING SURVEYED AS A PART OF THIS PROJECT.

P.I. = Sta. 211+15.01
Δ = 37°25'23" LT
Dc = 22°47'59"
R = 251.30'
T = 85.12'
L = 164.14'
E = 14.02'
C = 161.24'
C.B. = N71°40'38"E



CRA-96-4.18

MODEL: Sheet PAPER SIZE: 17x11 (in.) DATE: 12/01/2021 TIME: 8:17:38 AM USER: eallison
pww\hobbs\pw_bentley.com\hobbs\pw-02\Documents\01 Active Projects\District 03\Crawford\109026\400-Engineering\SW\Sheets\109026_RC003_4.18.dgn

CENTERLINE PLAT

DESIGN AGENCY	
DESIGNER	EAS
REVIEWER	BRT 11-5-21
PROJECT ID	109026
SUBSET	TOTAL
2	8
SHEET	TOTAL
33	39

RECEIVED	20
RECORDED	20
BOOK	PAGE
COUNTY RECORDER	

Import Units:	Ground Coord? TRUE	Unit Conversion Factor1 (sft->m):	0.304800610	Unitless Ground To Grid Factor:	0.999903099	Unitless Factor:	
	U.S. Survey FT	sft	1.000000000				
Output Unit1:	Meters	m	Adjustment Factor1:	0.304771074	Primary Project Control:	Trimble R6	
Output Unit2:	U.S. Survey FT	sft	Adjustment Factor2:	0.999903099			

GROUND COORDINATES - U.S. Survey FT

STATE PLANE GRID COORDINATES

MONUMENTS TO BE SET DURING CONSTRUCTION

PROJECT coordinates are scaled from GRID coordinates about the Ohio North Zone grid point N=0, E=0 (N 39° 27' 01.76097", W 89° 28' 32.98476")

Horiz. Datum: NAD83 (2011) Ohio State Plane, North Zone Vert. Datum: NAVD88 defined by GPS from CORS using NAVD88. All other elevations are established by leveling from .

NAME	Alignment Name	STATION	OFFSET (sft)	RT/LT	NORTH (sft)	EAST (sft)	ELEVATION (sft)	FEATURE	POINT TYPE	DESCRIPTION	NAME	NORTH (m)	EAST (m)	ORTHO HT (m)	NORTH (sft)	EAST (sft)	MONUMENT ASSEMBLY	
																	ITEM 623.05	ITEM 623.05
PROJECT CONTROL POINTS																		
CP01	CLX.096	214+06.41	19.50	RT	428656.069	1872328.145	1030.05	IPINS	Project Control Points	3/4" IRON PIN SET WITH 3.25" ODOT DISC	CP01	130641.9706	570631.4601	313.930	428656.069	1872328.145		
CP02	CLX.096	218+45.06	-14.42	LT	428939.284	1872665.158	1031.10	IPINS	Project Control Points	3/8" IRON PIN SET WITH ODOT TRAV. CAP	CP02	130728.2864	570734.1719	314.251	428939.284	1872665.158		
BM01	CLX.096	218+50.06	-32.35	LT	428957.239	1872660.239	1032.96	SMSS	Project Control Points	SURVEY MAG SPIKE SET IN POWER POLE	BM01	130733.7585	570732.6727	314.817	428957.239	1872660.239		
BM02	CLX.096	222+13.62	-36.40	LT	429172.656	1872942.844	1026.14	SMSS	Project Control Points	SURVEY MAG SPIKE SET IN POWER POLE	BM02	130799.4114	570818.8025	312.739	429172.656	1872942.844		
CP03	CLX.096	222+48.46	22.36	RT	429152.194	1873008.013	1025.21	IPINS	Project Control Points	3/8" IRON PIN SET WITH ODOT TRAV. CAP	CP03	130793.1752	570838.6642	312.453	429152.194	1873008.013		
CP04	CLX.096	226+81.83	-14.48	LT	429460.910	1873313.909	1035.26	IPINS	Project Control Points	3/8" IRON PIN SET WITH ODOT TRAV. CAP	CP04	130887.2629	570931.8924	315.516	429460.910	1873313.909		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
EXISTING CENTERLINE CONTROL POINTS																		
CRA0960302	CLX.096	193+35.36	0.00		428504.525	1870299.304	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960302	130595.7844	570013.1280	0.000	428504.525	1870299.304		
CRA0960303	CLX.096	201+92.62	0.01	RT	428498.700	1871156.545	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960303	130594.0091	570274.3903	0.000	428498.700	1871156.545		
CRA0960304	CLX.096	203+92.68	0.02	RT	428497.335	1871356.601	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960304	130593.5931	570335.3616	0.000	428497.335	1871356.601		
CRA0960305	CLX.096	206+80.70	0.00		428495.400	1871644.615	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960305	130593.0034	570423.1399	0.000	428495.400	1871644.615		
CRA0960401	CLX.096	211+11.98	14.03	RT	428492.455	1872078.938	0.00	IPIN	Existing Centerline Control Points	3/8" IRON PIN FOUND (PT OF CURVE)	CRA0960401	130592.1058	570555.5090	0.000	428492.455	1872078.938		
CRA0960402	CLX.096	217+44.55	-0.04	LT	428875.322	1872586.299	0.00	IPIN	Existing Centerline Control Points	1" IRON PIN FOUND (BENT)	CRA0960402	130708.7926	570710.1379	0.000	428875.322	1872586.299		
CRA0960403	CLX.096	224+73.33	0.00		429319.016	1873160.458	0.00	IPIN	Existing Centerline Control Points	1" IRON PIN FOUND	CRA0960403	130844.0177	570885.1250	0.000	429319.016	1873160.458		
CRA0960404	CLX.096	238+87.39	0.00		430204.781	1874262.710	0.00	IPIN	Existing Centerline Control Points	1" IRON PIN FOUND	CRA0960404	131113.9732	571221.0595	0.000	430204.781	1874262.710		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
CENTERLINE ALIGNMENT																		
CRA0960302	CLX.096	193+35.36	0.00		428504.525	1870299.304	0.00	RSPK	Existing Centerline Control Points	RAILROAD SPIKE FOUND	CRA0960302	130595.7844	570013.1280	0.000	428504.525	1870299.304		
CLRW01	CLX.096	210+29.893	0.00		428493.032	1871993.798	0.00	CALPT	Existing Centerline Control Points	CALCULATED POINT (PC)	CLRW01	130592.2817	570529.5608	0.000	428493.032	1871993.798		
CLRW02	CLX.096	211+94.031	0.00		428543.720	1872146.859	0.00	CALPT	Existing Centerline Control Points	CALCULATED POINT (PT)	CLRW02	130607.7299	570576.2093	0.000	428543.720	1872146.859		
CLRW03	CLX.096	217+44.565	0.00		428875.304	1872586.336	0.00	CALPT	Existing Centerline Control Points	CALCULATED POINT (PI OF CURVE)	CLRW03	130708.7871	570710.1492	0.000	428875.304	1872586.336		
CLRW04	CLX.096	219+00.00	0.00		428955.129	1872719.708	0.00	MONBOX	Centerline Alignment	MONUMENT ASSEMBLY SET	CLRW04	130733.1155	570750.7972	0.000	428955.129	1872719.708		
CLRW10	CLX.096	220+23.21	0.00		429018.407	1872825.432	0.00	CALPT	Existing Centerline Control Points	CALCULATED POINT	CLRW10	130752.4009	570783.0188	0.000	429018.407	1872825.432		
CLRW11	CLX.096	222+00.00	0.00		429136.472	1872957.015	0.00	MONBOX	Centerline Alignment	MONUMENT ASSEMBLY SET	CLRW11	130788.3836	570823.1215	0.000	429136.472	1872957.015		
CRA0960403	CLX.096	224+73.33	0.00		429319.016	1873160.458	0.00	IPIN	Existing Centerline Control Points	1" IRON PIN FOUND	CRA0960403	130844.0177	570885.1250	0.000	429319.016	1873160.458		
CRA0960404	CLX.096	238+87.39	0.00		430204.781	1874262.710	0.00	IPIN	Existing Centerline Control Points	1" IRON PIN FOUND	CRA0960404	131113.9732	571221.0595	0.000	430204.781	1874262.710		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
EXISTING BOUNDARY MONUMENTS																		
MN09	CLX.096	201+89.79	-431.91	LT	428930.626	1871156.644	0.00	IPIN	Existing Boundary Monuments	3/8" IRON PIN FOUND WITH MAKEEVER CAP	MN09	130725.6477	570274.4205	0.000	428930.626	1871156.644		
MN02	CLX.096	203+92.51	-25.21	LT	428522.561	1871356.606	0.00	IPIN	Existing Boundary Monuments	3/8" IRON PIN FOUND WITH MAKEEVER CAP	MN02	130601.2813	570335.3631	0.000	428522.561	1871356.606		
MN07	CLX.096	206+80.74	-25.03	LT	428520.432	1871644.823	0.00	IPIN	Existing Boundary Monuments	3/8" IRON PIN FOUND	MN07	130600.6324	570423.2033	0.000	428520.432	1871644.823		
MN08	CLX.096	206+80.80	-431.69	LT	428927.078	1871647.641	0.00	IPIN	Existing Boundary Monuments	3/8" IRON PIN FOUND	MN08	130724.5663	570424.0621	0.000	428927.078	1871647.641		
MN10	CLX.096	219+91.72	96.99	RT	428919.013	1872848.214	0.00	CSF	Existing Boundary Monuments	CORNER STONE FOUND	MN10	130722.1084	570789.9621	0.000	428919.013	1872848.214		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
PROPOSED RIGHT OF WAY MONUMENTS																		
RP21	CLX.096	220+00.00	-25.00		429027.936	1872792.674	0.00	IPINS	Proposed R/W Monuments	3/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT R/W-DISTRICT 3"	RP21	130755.3049	570773.0351	0.000	429027.936	1872792.674		
RP20	CLX.096	220+00.00	0.00		429006.485	1872805.513	0.00	MAGS	Proposed R/W Monuments	MAG NAIL SPIKE SET	RP20	130748.7673	570776.9480	0.000	429006.485	1872805.513		
RP27	CLX.096	220+00.00	25.00		428985.033	1872818.352	0.00	IPINS	Proposed R/W Monuments	3/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT R/W-DISTRICT 3"	RP27	130742.2293	570780.8610	0.000	428985.033	1872818.352		
RP28	CLX.096	220+23.77	33.41		428993.914	1872848.161	0.00	IPINS	Proposed R/W Monuments	3/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT R/W-DISTRICT 3"	RP28	130744.9360	570789.9459	0.000	428993.914	1872848.161		
RP20	CLX.096	220+53.83	0.00		429038.852	1872848.219	0.00	MAGS	Proposed R/W Monuments	MAG NAIL SPIKE SET	RP20	130758.6318	570789.9636	0.000	429038.852	1872848.219		
RP26	CLX.096	220+80.00	60.00		429011.672	1872907.769	0.00	IPINS	Proposed R/W Monuments	3/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT R/W-DISTRICT 3"	RP26	130750.3481	570808.1127	0.000	429011.672	1872907.769		
RP22	CLX.096	220+94.31	-45.00		429099.382	1872848.297	0.00	IPINS	Proposed R/W Monuments	3/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT R/W-DISTRICT 3"	RP22	130777.0796	570789.9874	0.000	429099.382	1872848.297		
RP25	CLX.096	221+20.00	60.00		429038.386	1872937.541	0.00	IPINS	Proposed R/W Monuments	3/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT R/W-DISTRICT 3"	RP25	130758.4898	570817.1863	0.000	429038.386	1872937.541		
RP24	CLX.096	222+00.00	25.00		429117.864	1872973.711	0.00	IPINS	Proposed R/W Monuments	3/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT R/W-DISTRICT 3"	RP24	130782.7124	570828.2099	0.000	429117.864	1872973.711		
RP23	CLX.096	222+00.00	-25.00		429155.079	1872940.318	0.00	IPINS	Proposed R/W Monuments	3/4" X 30" REBAR WITH 2" ALUMINUM CAP MARKED "ODOT R/W-DISTRICT 3"	RP23	130794.0544	570818.0327	0.000	429155.079	1872940.318		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		
											0	0.0000	0.0000	0.000	0.0000	0.0000		

NOTE: PINS SET BY DISTRICT 3 AFTER CONSTRUCTION



CENTERLINE PLAT

CRA-96-4.18

CRAWFORD COUNTY SANDUSKY TOWNSHIP SECTION 22 T. 17 N., R. 21 W.

FARM
 21
 5472 SR 96
 TIRO, OH 44887
 33-0010102.000
 8.49 ACRES
 OR VOL 1030, PG 5598

FARM
 21
 33-0010101.000
 1.83 ACRES
 OR VOL 1030, PG 5598

FARM
 21
 33-0010107.001
 3.016 ACRES
 OR VOL 1030, PG 5598

KENNETH J. SCOTT AND KAREN J. SCOTT, TRUSTEES,
 OR THEIR SUCCESSORS IN TRUST, UNDER THE
 KENNETH J. SCOTT LIVING TRUST,
 DATED APRIL 5, 2018
 KAREN J. SCOTT AND KENNETH J. SCOTT, TRUSTEES,
 OR THEIR SUCCESSORS IN TRUST, UNDER THE
 KAREN J. SCOTT LIVING TRUST,
 DATED APRIL 5, 2018

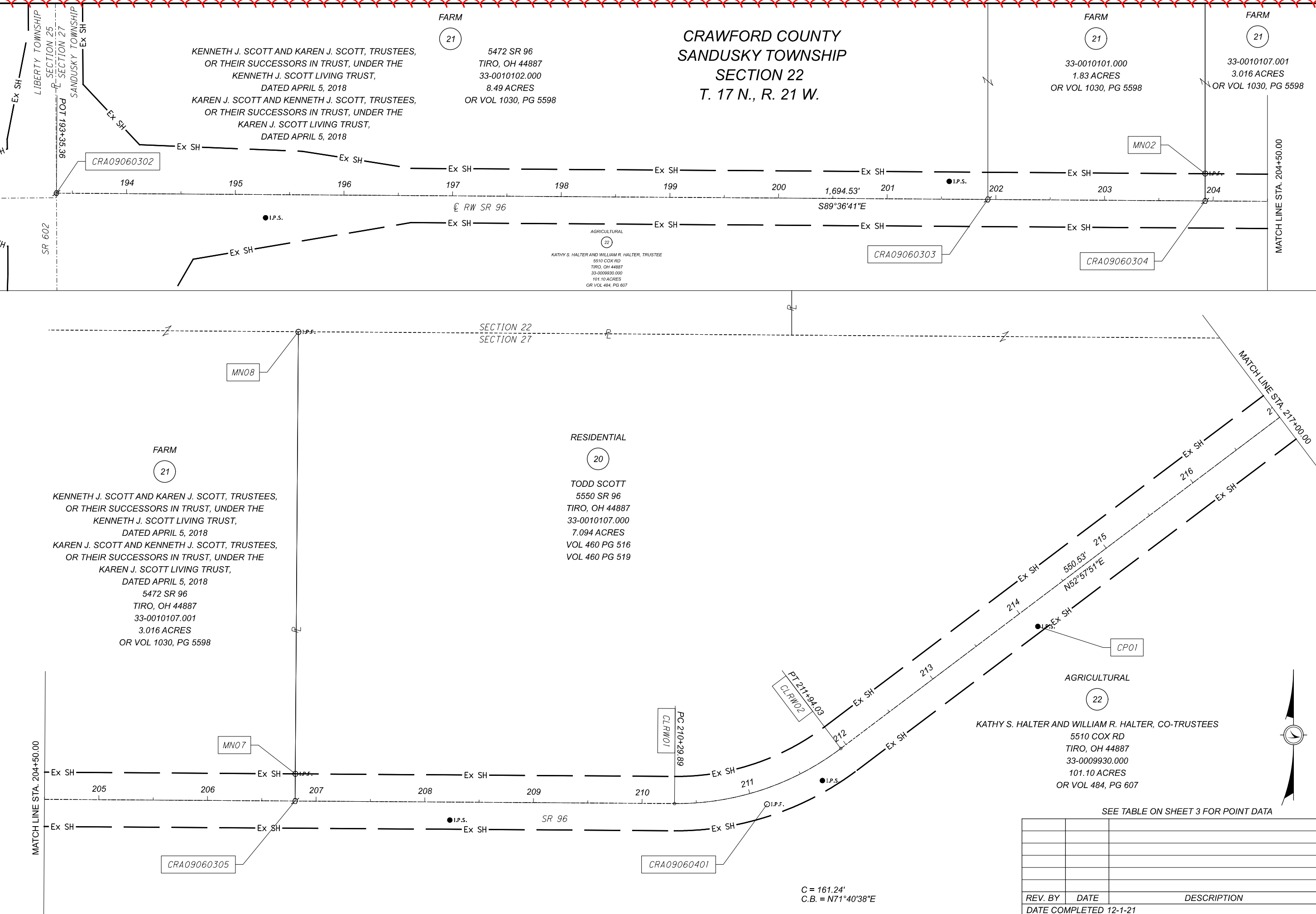
AGRICULTURAL
 22
 KATHY S. HALTER AND WILLIAM R. HALTER, TRUSTEE
 5510 COX RD
 TIRO, OH 44887
 33-0009930.000
 101.10 ACRES
 OR VOL 484, PG 607

RESIDENTIAL
 20
 TODD SCOTT
 5550 SR 96
 TIRO, OH 44887
 33-0010107.000
 7.094 ACRES
 VOL 460 PG 516
 VOL 460 PG 519

AGRICULTURAL
 22
 KATHY S. HALTER AND WILLIAM R. HALTER, CO-TRUSTEES
 5510 COX RD
 TIRO, OH 44887
 33-0009930.000
 101.10 ACRES
 OR VOL 484, PG 607



RIGHT OF WAY BOUNDARY SHEET
 CRA-96-4.18



SEE TABLE ON SHEET 3 FOR POINT DATA

REV. BY	DATE	DESCRIPTION

DATE COMPLETED 12-1-21

DESIGN AGENCY	
DESIGNER	
EAS	
REVIEWER	BRT 11-5-21
PROJECT ID	109026
SUBSET	TOTAL
7	8
SHEET	TOTAL
38	39

C = 161.24'
 C.B. = N71°40'38"E

