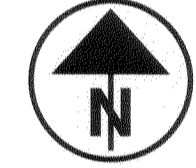
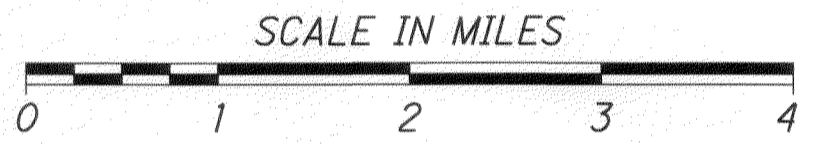


LOCATION MAP

LATITUDE: 41°27'13" LONGITUDE: 82°04'02"



RIGHT OF WAY LEGEND SHEET LOR-90-17.85

LORAIN COUNTY
CITY OF AVON
SECTION NO. 3
VILLAGE OF SHEFFIELD
ORIGINAL LOT NOS. 5 & 6

PROJECT DESCRIPTION

IMPROVEMENT OF 0.89 MILES OF I.R. 90, INCLUDING REPLACEMENT OF TWO BRIDGES AND CORRESPONDING APPROACH SLABS. INCLUDES WIDENING AND OUTSIDE SHOULDER RECONSTRUCTION PREFORMED FOR MAINTENANCE OF TRAFFIC. FULL DEPTH PAVEMENT REPLACEMENT AND ADJUSTMENT TO PROFILE OVER NORFOLK SOUTHERN RAILROAD FOR VERTICAL CLEARANCE.

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE REVISED CODE OF OHIO.

PLANS PREPARED BY:

FIRM NAME : BRAMHALL ENGINEERING & SURVEYING COMPANY
 R/W DESIGNER: JAMES T. SCOTT JR., P.E.
 R/W REVIEWER: AMY M. KELLY, P.S.
 FIELD REVIEWER: ERIC SZUNYOGH
 PRELIMINARY FIELD REVIEW DATE: 02/25/2019
 TRACINGS FIELD REVIEW DATE: 05/13/2019
 OWNERSHIP UPDATED BY: AMY M. KELLY, P.S.
 DATE COMPLETED: 11/20/2019
 PLAN COMPLETION DATE: 11/20/2019

INDEX OF SHEETS:

- LEGEND SHEET 1
- CENTERLINE PLAT 2 - 3
- PROPERTY MAP 4
- SUMMARY OF ADDITIONAL R/W 5
- R/W TOPO 6
- R/W BOUNDARY 7
- RAILROAD PLAT 8

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

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

UTILITY OWNERS NAME & ADDRESS	
AVON LAKE REGIONAL WATER ATTN: JACK GAYDAR 201 MILLER ROAD AVON LAKE, OHIO 44012 PHONE: (440) 933-6226 EMAIL: Jgaydar@avonlakewater.org	FIRST ENERGY / OHIO EDISON ATTN: ALAN SCHEMPP 76 SOUTH MAIN STREET AKRON, OHIO 44308 PHONE: (330) 384-5489
RURAL LORAIN COUNTY WATER AUTHORITY ATTN: JAMES TRUESDELL 42401 STATE ROUTE 303 LAGRANGE, OHIO 4050 PHONE: (440) 355-5121 EMAIL: jtruesdell@rlcwa.com	

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.

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-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)	
Standard Highway Ease. (Pr)	----- SH	Tree (Ex)	
Temporary Right of Way	----- TMP	Shrub (Ex)	
Channel Ease. (Pr)	----- CH	Evergreen (Ex)	
Utility Ease. (Ex)	----- Ex U	Stump	
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	
		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)	

PROJECT CONTROL

COORDINATE SYSTEM: OHIO STATE PLANE, NORTH ZONE (3401)
 HORIZONTAL DATUM: NAD83 (2011)
 GRID TO GROUND MULTIPLIER: 1.00006420
 COMBINED SCALE FACTOR: 0.99993580
 PROJECT ADJUSTMENT FACTOR (STATE PLANE GRID (METERS) TO PROJECT GROUND (US SURVEY FEET)): 3.28104397
 ENGLISH TO METRIC CONVERSION: 3.28083333

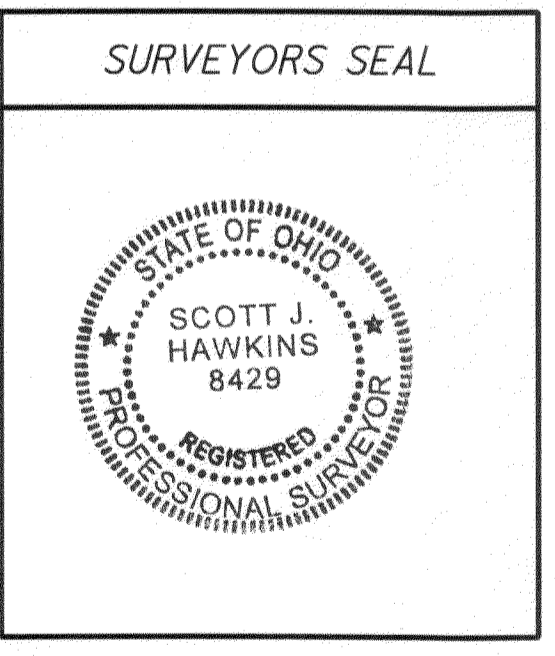
BRAMHALL ENGINEERING
 801 MOORE ROAD
 AVON, OH 44011
 Doc ID: 022153080004 Type: OFF
 Kind: PLAT
 Recorded: 02/05/2020 at 10:00:55 AM
 Fee Amt: \$259.20 Page 1 of 4
 Lorain County, Ohio
 Judith H Nedwick County Recorder
 File 2020-0748149
 Plat Vol. 107
 Pgs. 79, 80, 81

NO TRANSFER NECESSARY
 J. CRAIG SNODGRASS, CPA, CGFM
 LORAIN COUNTY AUDITOR
 2/5/20 20
 DEPUTY

I, Scott Hawkins, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation in October 2017. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinate 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 Grid to Ground multiplier of 1.00006420. Elevations of project control points and benchmarks are based on Geoid 12-A of the NAVD88 datum and were established by conventional differential leveling from CP02. The elevation of CP02 was determined by averaging 10 ODOT VRS-Derived GNSS observations obtained on 10-04-2017. As a part of this project I have reestablished the centerline of existing Right of Way for property takes contained 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.

Scott J. Hawkins
 Scott Hawkins, Professional Land Surveyor No. 8429

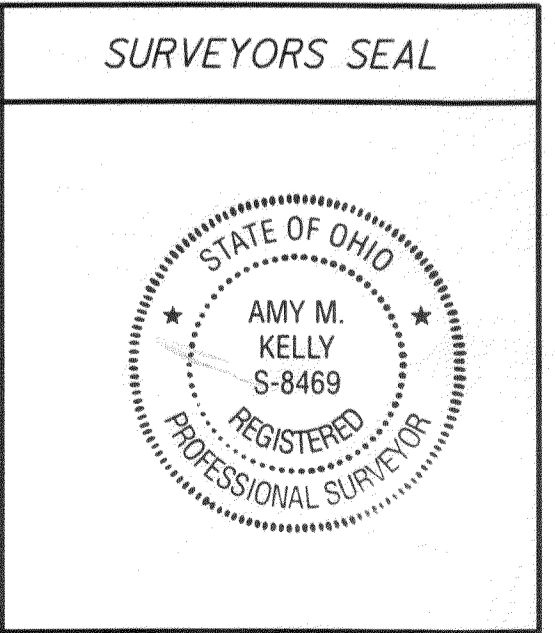
Date: 1/6/2020



I, Amy M. Kelly, P. S. have conducted a survey of the existing conditions (topo) for the Ohio Department of Transportation in August 2018. The results of that survey are contained herein. As a part of this project I have reestablished the locations of the existing property lines 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.

Amy M. Kelly
 Amy M. Kelly, Professional Land Surveyor No. 8469

Date: 12/12/2019



LOR-90-17.85
 LORAIN COUNTY, OHIO
 CITY OF AVON
 SECTION NO. 3
 VILLAGE OF SHEFFIELD
 ORIGINAL LOT NOS. 5 & 6

BASIS FOR STATIONING:
 THE EXISTING CENTERLINE OF R/W OF I.R. 90 AS PROVIDED BY O.D.O.T. DISTRICT 3.

STATIONING FOR PROJECT IS FROM MONUMENTS SHOWN ON ICH 144, SEC. "B", USED TO DELINEATE DISTANCES ONLY.

ALL REFERENCES FOR R/W INFORMATION ARE FROM THE CENTERLINE OF R/W UNLESS OTHERWISE NOTED.

BASIS OF EXISTING RIGHT OF WAY:
 THE EXISTING R/W WIDTHS AND CENTERLINES WERE PROVIDED FROM O.D.O.T. DISTRICT 3. PROPERTY LINE LOCATIONS WERE DETERMINED USING RECORD DOCUMENTATION FROM THE LORAIN COUNTY RECORDER'S OFFICE.

BASIS FOR BEARINGS:
 ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. ALL BEARINGS SHOWN ARE RELATIVE TO STATE PLANE GRID COORDINATE SYSTEM, OHIO NORTH ZONE (3401), NAD83 (2011). DATUM BASED ON GPS (VRS) OBSERVATIONS.

NOTE:
 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.

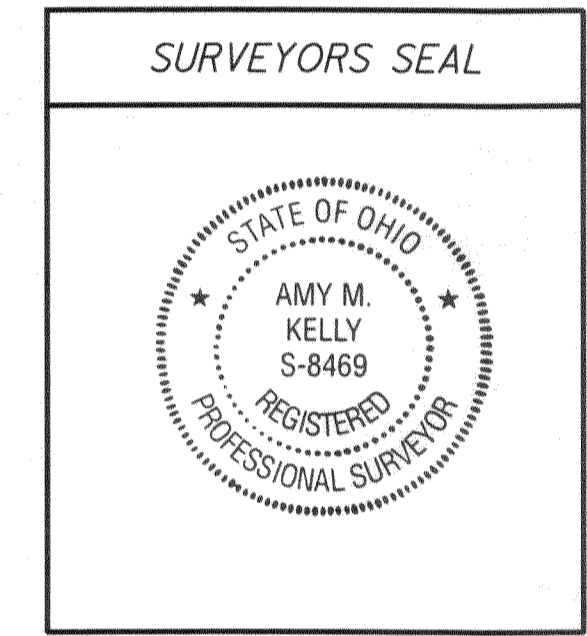
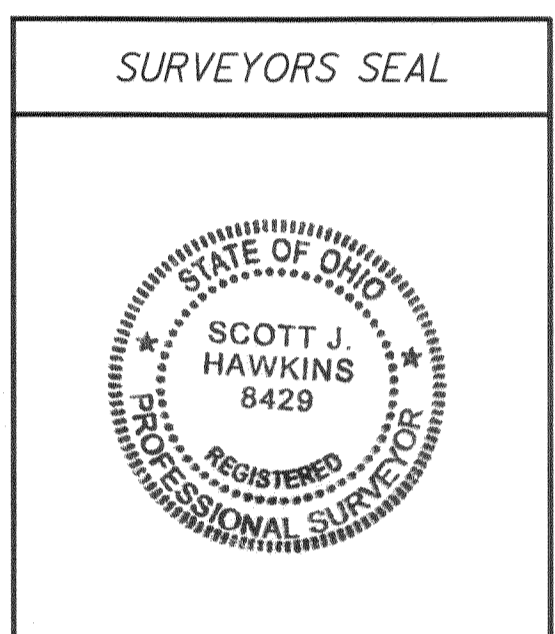
I, Amy M. Kelly, P. S. have conducted a survey of the existing conditions (topo) for the Ohio Department of Transportation in August 2018. The results of that survey are contained herein. As a part of this project I have reestablished the locations of the existing property lines for property takes contained 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.

Amy M. Kelly
 Amy M. Kelly, Professional Land Surveyor No. 8469

Date: 12/12/2019

MONUMENT LEGEND

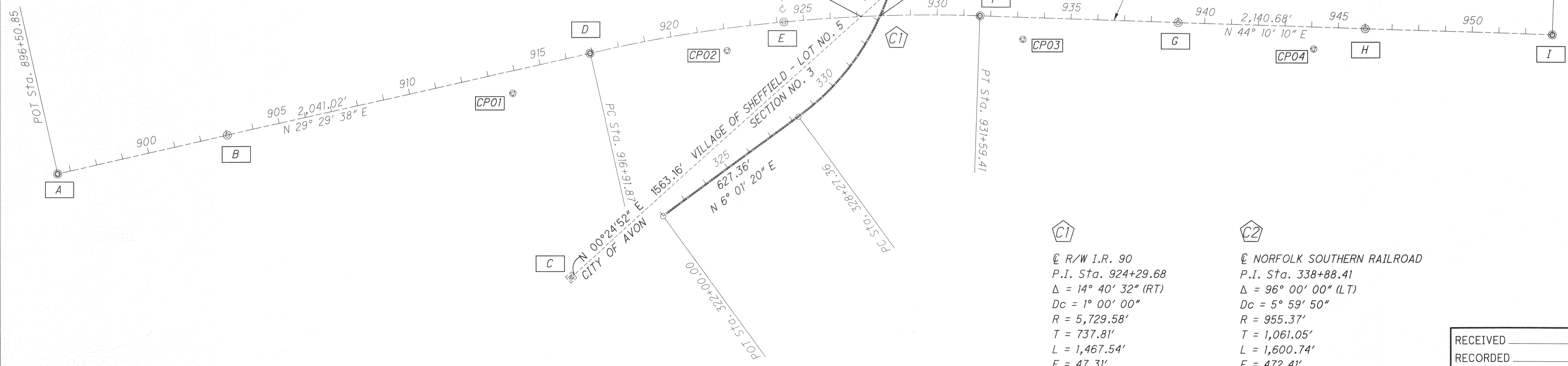
- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- IRON PIN FOUND
- IRON PIN FOUND W/ ID CAP
- IRON PIN SET W/ ID CAP
- IRON PIPE FOUND
- IRON PIPE SET
- P.K. NAIL FOUND
- P.K. NAIL SET
- EXISTING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



I, Scott Hawkins, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation in October 2017. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinate 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 Grid to Ground multiplier of 1.00006420. Elevations of project control points and benchmarks are based on Geoid 12-A of the NAVD88 datum and were established by conventional differential leveling from CP02. The elevation of CP02 was determined by averaging 10 ODOT VRS-Derived GNSS observations obtained on 10-04-2017. As a part of this project I have reestablished the centerline of existing Right of Way for property takes contained 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.

Scott J. Hawkins
 Scott Hawkins, Professional Land Surveyor No. 8429

Date: _____



C1
 R/W I.R. 90
 P.I. Sta. 924+29.68
 Δ = 14° 40' 32" (RT)
 Dc = 1° 00' 00"
 R = 5,729.58'
 T = 737.81'
 L = 1,467.54'
 E = 47.31'
 C = 1,463.53'
 C.B. = N 36° 49' 54" E

C2
 NORFOLK SOUTHERN RAILROAD
 P.I. Sta. 338+88.41
 Δ = 96° 00' 00" (LT)
 Dc = 5° 59' 50"
 R = 955.37'
 T = 1,061.05'
 L = 1,600.74'
 E = 472.41'
 C = 1,419.96'
 C.B. = N 41° 58' 40" W

RECEIVED _____, 20____
 RECORDED _____, 20____
 BOOK _____ PAGE _____
 COUNTY RECORDER

CENTERLINE PLAT

LOR-90-17.85

PID NO. **90942**

R/W DESIGNER: JTS
 R/W REVIEWER: ANK

2/3

186
192

I:\ProjectData\LOR\90942\Design\RW\Sheets\90942_RC001.dgn Sheet 12/12/2019 4:03:13 PM Jtscott

EXISTING MONUMENTATION FOUND

PROJECT ADJUSTMENT FACTOR BASED ON: Project coordinates (U.S. Survey Feet) are relative to State Plane Grid coordinates (U.S. Survey Feet)

COMBINED SCALE FACTOR = 0.99993580

PROJECT ADJUSTMENT FACTOR (STATE PLANE GRID (METERS) TO PROJECT GROUND (US SURVEY FEET)) = 3.28104397

GRID TO GROUND MULTIPLIER = 1.00006420

ENG./METRIC CONV.= 3.28083333

Horizontal Datum - NAD 1983(2011), Ohio North Zone (3401) Vertical Datum - NAVD88

PROJECT coordinates are scaled from GRID coordinates about the Ohio North Zone grid point N=0, E=0

CENTERLINE OF RIGHT-OF-WAY S.R. 90					PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES						
NAME	DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (ft)	EAST (ft)	ORTHO HT (m)	NORTH (m)	EAST (m)
A (CMON60)	DEPTH: 4" NOTE: GOOD	896+50.85	0.00	RT	648666.110	2085620.918	637.68	CMON	A (CMON60)	648624.467	2085487.028	194.365	197701.1330	635657.7173
B (CMON61)	DEPTH: 4" NOTE: GOOD	903+01.10	0.03	RT	649232.078	2085941.080	636.22	CMON	B (CMON61)	649190.400	2085807.169	193.921	197873.6295	635755.2967
C	MONUMENT BOX WITH 1" PIN	914+37.88	798.71	RT	649828.328	2087195.932	633.55	MONBOX	C	649786.612	2087061.943	193.106	198055.3549	636137.7510
D (CMON63)	DEPTH: 0" NOTE: GOOD	916+91.08	0.00	RT	650441.938	2086628.388	642.37	CMON	D (CMON63)	650400.182	2086491.433	195.796	198242.3719	635963.8608
E (CMON64)	DEPTH: 0" NOTE: GOOD	924+25.78	0.03	RT	651056.553	2087027.001	658.93	CMON	E (CMON64)	651014.758	2086893.020	200.842	198429.6949	636086.2648
F (CMON65)	DEPTH: 4" NOTE: GOOD	931+60.52	0.00	RT	651614.831	2087503.888	659.07	CMON	F (CMON65)	651572.999	2087369.876	200.886	198599.8474	636231.6107
G (CMON66)	DEPTH: 4" NOTE: GOOD	939+00.21	-0.03	LT	652145.420	2088019.271	643.55	CMON	G (CMON66)	652103.554	2087885.226	196.156	198761.5608	636388.6898
H (CMON67)	DEPTH: 4" NOTE: GOOD	946+00.21	-0.05	LT	652647.537	2088507.006	630.02	CMON	H (CMON67)	652605.639	2088372.930	192.029	198914.5967	636537.3421
I (CMON68)	DEPTH: 4" NOTE: GOOD	953+00.08	0.00	RT	653149.507	2088994.702	627.09	CMON	I (CMON68)	653107.577	2088860.595	191.136	199067.5876	636685.9827

CONTROL POINTS

PROJECT ADJUSTMENT FACTOR BASED ON: Project coordinates (U.S. Survey Feet) are relative to State Plane Grid coordinates (U.S. Survey Feet)

COMBINED SCALE FACTOR = 0.99993580

PROJECT ADJUSTMENT FACTOR= 1.00006420

ENG./METRIC CONV.= 3.28083333

Horizontal Datum - NAD 1983(2011), Ohio North Zone (3401) Vertical Datum - NAVD88

PROJECT coordinates are scaled from GRID coordinates about the Ohio North Zone grid point N=0, E=0

CENTERLINE OF EXISTING RIGHT-OF-WAY & CONSTRUCTION S.R. 90					PROJECT GROUND COORDINATES			STATE PLANE GRID COORDINATES						
NAME	DESCRIPTION	STATION	OFFSET (ft)	RT/LT	NORTH (ft)	EAST (ft)	ELEVATION (ft)	FEATURE	NAME	NORTH (ft)	EAST (ft)	ORTHO HT (m)	NORTH (m)	EAST (m)
CP01	3" DISK IN CONCRETE; STAMPING LOR-190-17.31	913+76.46	82.19	RT	650127.630	2086542.036	639.55	GOVCON	CP01	650085.8940	2086406.0862	194.936	198146.5768	635938.4566
CP02	3" DISK IN CONCRETE; STAMPING LOR-190-17.46	922+01.39	82.87	RT	650827.347	2086964.227	654.37	GOVCON	CP02	650785.5654	2086830.2505	199.452	198359.9371	636067.1325
CP03	3" DISK IN TRAFFIC CONTROL BOX	933+22.63	82.18	RT	651673.857	2087675.793	656.71	GOVCON	CP03	651632.0220	2087541.7710	200.167	198617.8375	636284.0044
CP04	3" DISK IN CONCRETE; STAMPING LOR-190-17.88	944+10.17	82.40	RT	652453.772	2088433.729	636.44	GOVCON	CP04	652411.8864	2088299.6585	193.987	198855.5407	636515.0089

I:\ProjectData\LOR 90942\Design\RW Sheets\90942_RC002.dgn Sheet 12/13/2019 11:04:32 AM jtscoff

FEDERAL PROJECT NO. E 140 (786)

PID NO. 90942

CALCULATED
JTS
CHECKED
AMK

CENTERLINE PLAT DATA

LOR-90-17.85

RECEIVED _____, 20____
RECORDED _____, 20____
BOOK _____ PAGE _____
COUNTY RECORDER

3/3
187
192

Plat Sheet

Instrument # 2020-0748149 Film #

Name of Plat: LOR-90-17 085 Centerline Plat

Owner: Ohio Department of Transportation - State of Ohio

Description: Situated in the City of Avon, County
of Lorain, State of Ohio; being part of
Section No 3

Situated in the Village of Sheffield, County of
Lorain, State of Ohio; being part of Original
Lots Sand Co

Floor Plans: /

Related/Margin: /

Comments: /

Vol. 107

Pg. 79, 80, 81

Receiving Stamp

BRAMHALL ENGINEERING
801 MOORE ROAD
AVON, OH 44011

Amount: \$ 259.20

Initials: SC