

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY
LEGEND SHEET

MUS-146-31.265

MUSKINGUM COUNTY
RICH HILL TOWNSHIP
SECTIONS 26 & 27, T13N, R11W
CONGRESS LANDS EAST OF
THE SCIOTO RIVER

PROJECT DESCRIPTION

REMOVE 122' OF AN EXISTING 6' X 4' CONCRETE BOX
CULVERT AND HEADWALLS, REPLACE WITH
178' OF 78" CONDUIT, TYPE A, AND ALL RELATED WORK.

PROJECT CONTROL

STATE PLANE COORDINATE SYSTEM, NAD83 (2011),
OHIO SOUTH ZONE 3402, GRID, ORTHOMETRIC
HEIGHTS BASED ON NAVD88, GEOID 12A (OHIO).

PLAN PREPARED BY:

FIRM NAME: ODOT, DISTRICT 5
PLANS PREPARED BY: CANDY SHOEMAKER
FIELD REVIEW BY: LUKE WALKER & CANDY SHOEMAKER
OWNERSHIP VERIFIED BY: LUKE WALKER
DATE COMPLETED: 10/25/2018

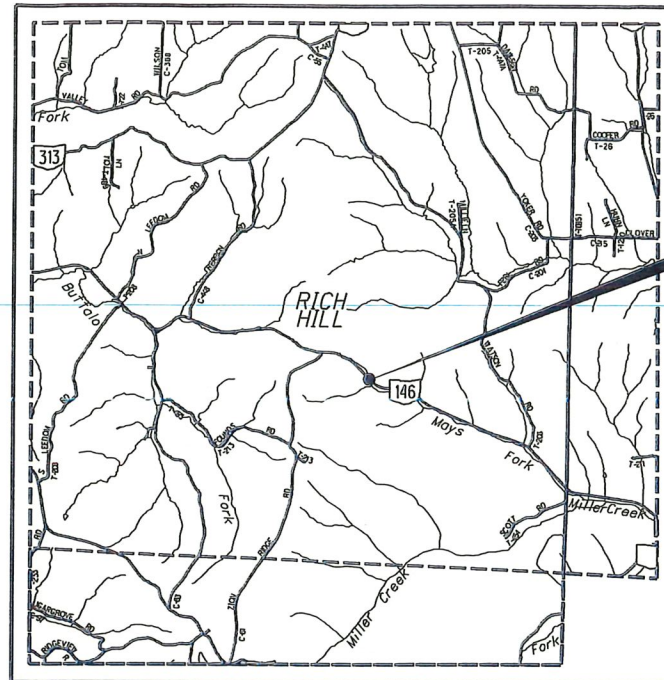
UNDERGROUND UTILITIES

CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE
SERVICE CALL: 1-800-925-0988



LATITUDE: 39°52'22" LONGITUDE: 71°44'01"



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.

UTILITY OWNERS

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT
CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ASPIRE ENERGY (FORMERLY GATHERCO) NATIONAL GAS AND OIL CORPORATION
300 TRACY BRIDGE ROAD 120 O'NEIL DRIVE
ORRVILLE, OHIO 44667 HEBRON, OHIO 43025
ATTN: TRACY McVAY ATTN: GREG WILSON
330-933-7578 740-348-1254
TMCVAY@ASPIREENERGYCO.COM GWILSON@THEENERGYCOOP.COM

TENNESSEE GAS (FORMERLY KINDER MORGAN-CUMBERLAND)
KINDER MORGAN
1001 LOUISIANA ST., SUITE 1000
HOUSTON, TX 77002
713-369-9000
TGPCONTRACTMGMT@KINDERMORGAN.COM

INDEX OF SHEETS:

LEGEND SHEET 1
CENTERLINE PLAT 2
PROPERTY MAP & SUMMARY OF ADDITIONAL RIGHT OF WAY . . 3
RW DETAIL SHEET 4

STRUCTURE KEY



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

LEGEND:

SH = STANDARD HIGHWAY EASEMENT
SL = SLOPE EASEMENT
T = TEMPORARY EASEMENT
CH = CHANNEL EASEMENT

I, Luke Walker, P. S. have conducted a survey of the existing conditions for the Ohio
Department of Transportation in March 5, 2018. 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 A804302689-00A & OGPUPS #159334 and those markings subsequently
being surveyed as a part of this project.

The horizontal geometry expressed herein is based on State Plane Coordinate System, NAD83 (2011),
Ohio South Zone 3402, Grid Values, Orthometric heights are based on NAVD88, Geoid 12A (Ohio).

As a part of this project I have reestablished the locations of the existing property lines and
centerline of existing 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 monuments at the proposed property corners, and other points
shown herein. The iron pins and caps will be 3/4" x 30" rebar with aluminum cap stamped "Odor R/W
District 5". All of my work contained herein was conducted in accordance with Ohio Administrative
Code 4733-37 commonly known as "A Minimum Standards for Boundary Surveys 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 under my
direct supervision.

Luke Walker, Professional Surveyor # 8701

Date: 10/29/2018

SURVEYORS SEAL



SIGNED: LW
DATE: 10/29/2018

I:\PROJECTDATA\05\98210\DESIGN\RW\SHEETS\MUS-146-31.265 LOC.#9\98210-RP009.dgn 10/25/18

CENTERLINE REFERENCE MONUMENT TABLE						
C OF S.R. 146		PROJECT COORDINATES SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION	R/W MON. EXPECTED TO BE DISTURBED	ITEM 623.05
STATION	OFFSET	NORTH (Y)	EAST (X)	REFERENCE MONUMENT	R/W MON.	DESCRIPTION
STA. 290+00	30' LT.	683,323.9769	2,183,359.4511	1		TYPE A RM 1.1
STA. 290+00	40' RT.	683,274.8842	2,183,309.5521	1		TYPE A RM 1.1
STA. 299+00	40' LT.	682,722.4328	2,184,014.6842	1		TYPE A RM 1.1
STA. 299+00	30' RT.	682,663.4309	2,183,977.0177	1		TYPE A RM 1.1
TOTAL CARRIED TO GENERAL SUMMARY SHEET				4		

MUSKINGUM COUNTY
RICH HILL TOWNSHIP
SECTION 27, T13N, R11W
CONGRESS LANDS EAST OF THE SCIOTO RIVER



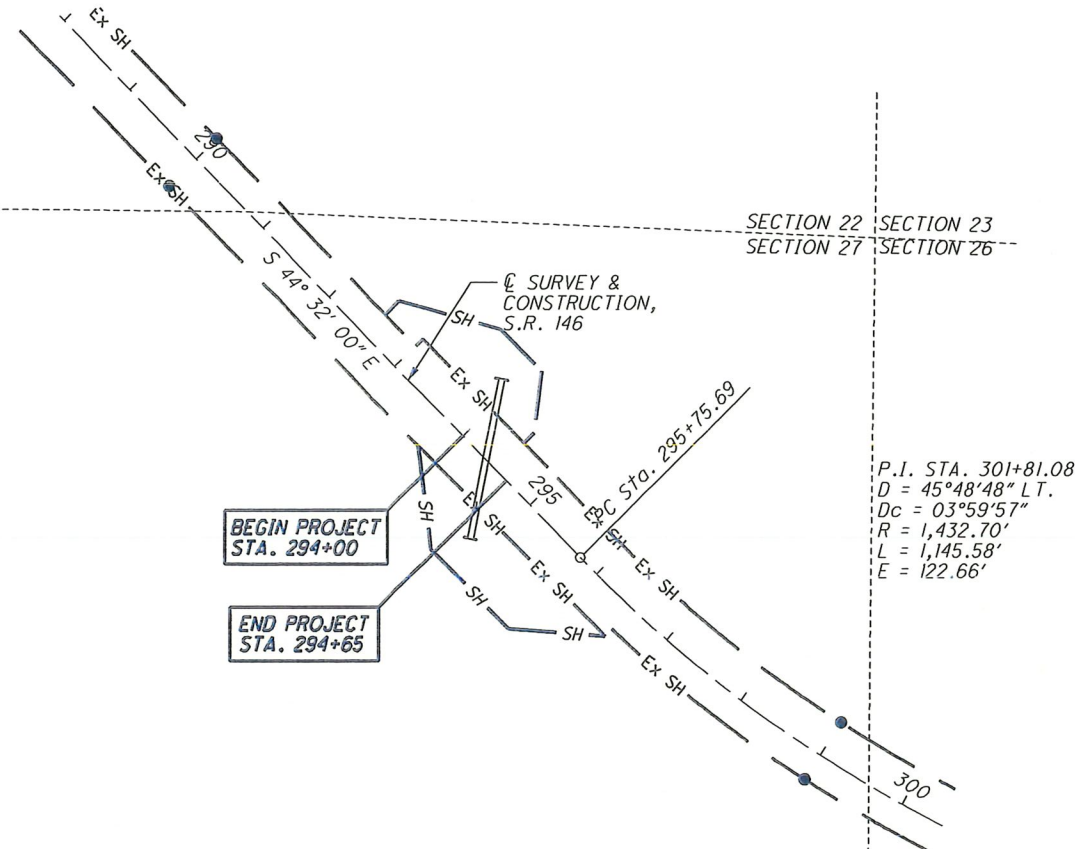
P10 NO. 98210

R/W DESIGNER CS
R/W REVIEWER LW

CENTERLINE PLAT

MUS-146-31.265

2 / 4



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

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.

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

I, Luke Walker, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation in March 5, 2018. The results of that survey are contained herein.

The horizontal geometry expressed herein is based on State Plane Coordinate System, NAD83 (2011), Ohio South Zone 3402, Grid Values, Orthometric heights are based on NAVD88, Geoid 12A (Ohio).

As a part of this project I have reestablished the locations of the existing property lines and centerline of existing 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 monuments at the proposed property corners, and other points shown herein. The iron pins and caps will be 3/4" x 30" rebar with aluminum cap stamped "Odor R/W District 5". All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "A Minimum Standards for Boundary Surveys in the State of Ohio" unless so noted.

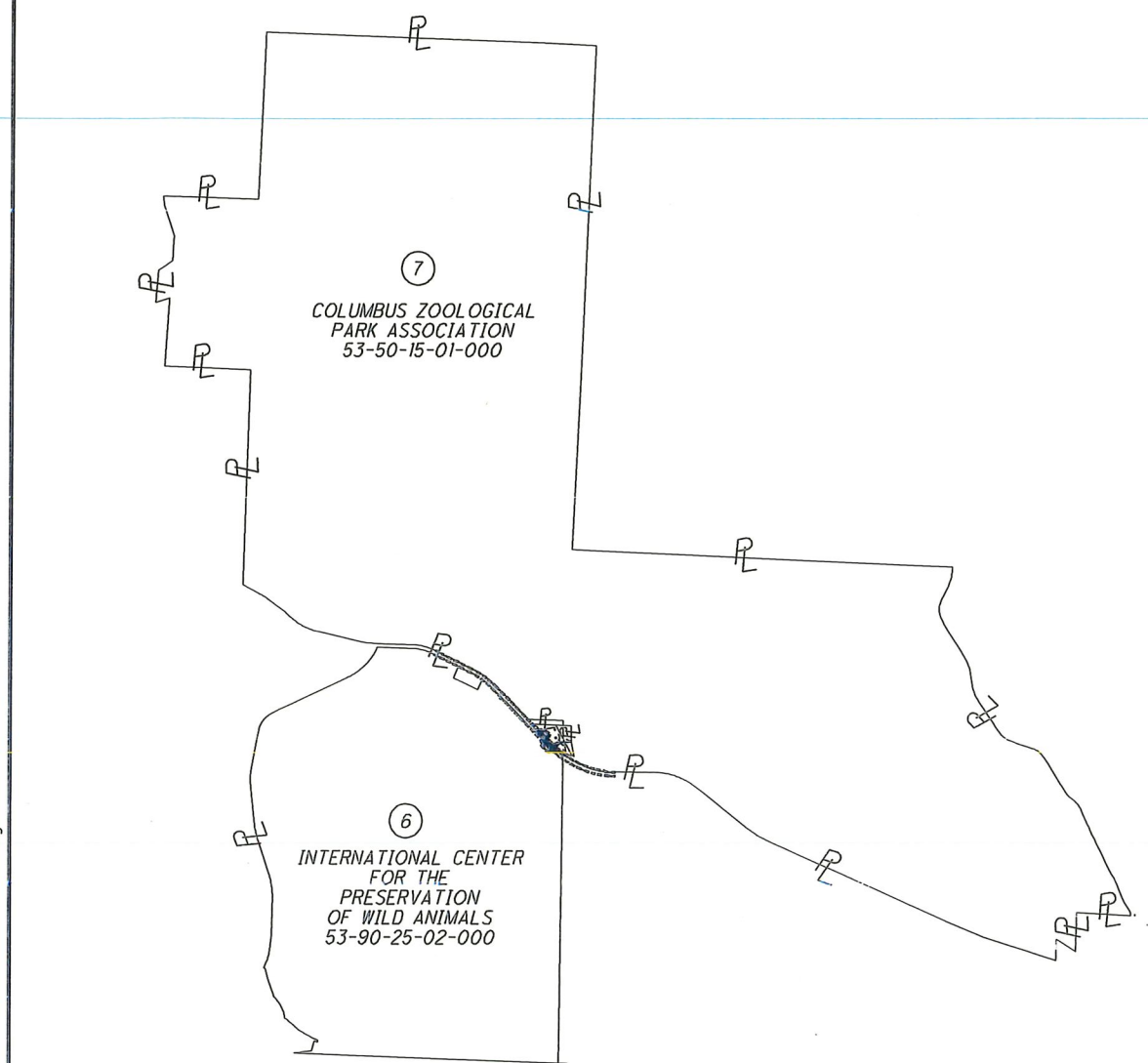
The words I and my as used herein are to mean that either myself or someone working under my direct supervision.


Luke Walker, Professional Surveyor # 8701

Date: 10/29/2018

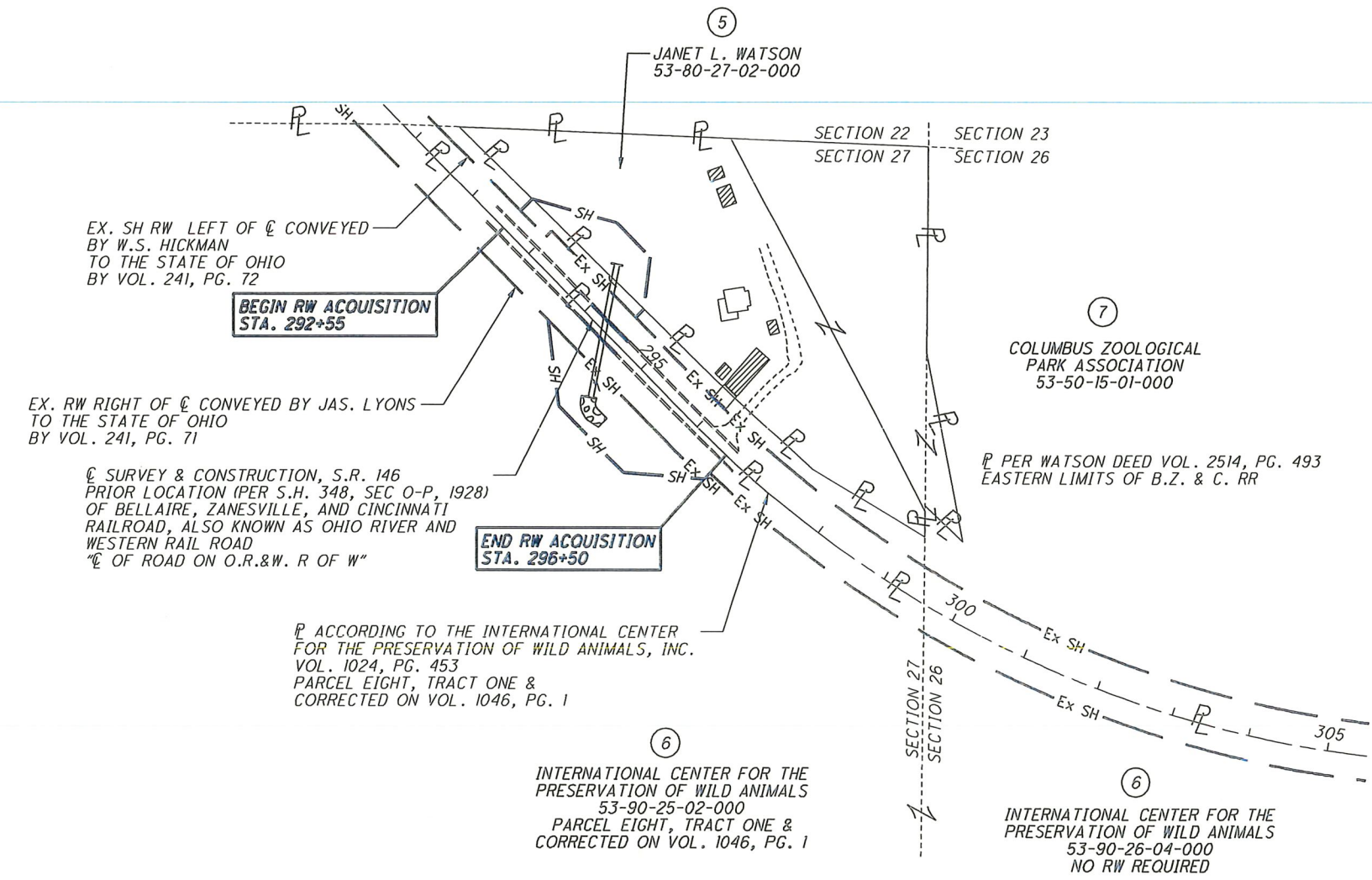
SURVEYORS SEAL

SIGNED: LW DATE: 10/29/2018

I:\PROJECTDATA\05\98210\DESIGN\RW\SHEETS\MUS-146-31.265 LOC.#9\98210-RW009.dgn 10/29/18



NOT TO SCALE
NOT ALL ADJOINING PARCELS OF CONTIGUOUS OWNERSHIP SHOWN

MUSKINGUM COUNTY
RICH HILL TOWNSHIP
SECTION 27, T13N, R11W
CONGRESS LANDS EAST OF THE SCIOTO RIVER



WITHIN SECTION 27 THE GAP BETWEEN WATSON PARCEL
AND THE INTERNATIONAL CENTER FOR THE PRESERVATION
OF WILD ANIMALS, INC. VOL. 1024, PG. 453
PARCEL EIGHT, TRACT ONE WAS QUITCLAIMED BY
OHIO POWER COMPANY TO COLUMBUS ZOOLOGICAL
PARK ASSOCIATION BY VOL. 1733, PG. 177

THIS AREA HAS BEEN GREATLY IMPACTED BY MINING OPERATIONS
AND THE ORIGINAL MONUMENTATION, OCCUPATION AND
RECORDS HAVE BEEN AFFECTED, A THOROUGH SEARCH HAS BEEN
COMPLETED IN THE IMMEDIATE AREA OF THE CULVERT REPLACEMENT.

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY:	CS & LW	
OWNERSHIP VERIFIED BY:	LW	
DATE COMPLETED:	10/29/2018	

TOTAL NUMBER OF :														
3 OWNERSHIPS			0 TOTAL TAKES			RECORD AREA - TOTAL PRO - NET TAKE = NET RESIDUE								
3 PARCELS			0 OWNERSHIPS W/ STRUCTURES INVOLVED			ALL AREAS IN ACRES								
PARCEL NO.	OWNER	OWNERS RECORD DEED BOOK & PG.	AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	RIGHT	TYPE FUND	REMARKS	AS ACQUIRED DEED BOOK & PG.
5-SH	JANET L. WATSON	OR 2514 PAGE 493	53-80-27-02-000	3.64	0.000	0.152	0.000	0.152	NO		3.488	STATE		
6-SH	INTERNATIONAL CENTER FOR THE PRESERVATION OF WILD ANIMALS	OR 1024 PAGE 453	53-90-25-02-000	626.61	0.765	0.292	0.000	0.292	NO	625.553			P.R.O. WITHIN SECTION 27 ONLY CALCULATED	
			53-90-26-04-000	550.09									NO RW REQUIRED	
			53-80-34-06-000	598.33									NO RW REQUIRED	
			53-90-35-03-000	699.92									NO RW REQUIRED	
7-SH	COLUMBUS ZOOLOGICAL PARK ASSOCIATION	OR 1733 PAGE 177	53-50-15-01-000	2033.97	0.733	0.067	0.000	0.067	NO	2033.170		STATE	*ENCROACHING FENCE	
													P.R.O. WITHIN SECTION 27 ONLY CALCULATED	

NOTE: ALL TEMPORARY PARCELS TO BE OF 12 MONTH DURATION.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

PID NO. 98210

R/W DESIGNER CS R/W REVIEWER LW

PROPERTY MAP & SUMMARY OF ADDITIONAL RIGHT OF WAY

MUS-146-31.265

3 / 4

HORIZONTAL
SCALE IN FEET

PID NO. 98210

CALCULATED	C.S.
CHECKED	L.W.



00
TET

SHE 297+0

ETA.

AY D TO

F W A
2+00

HT O
A. 29

- RIGHTS

10

595

5-31.2

S-146

MU

