

70-13-02-30-002

**Survey for Zanes.-Muskingum County Port Authority**

Being a part of land located in the State of Ohio, Muskingum County, Washington Township, part of the southeast quarter of Quarter Township 2, Township 1 North, Range 7 West, United States Military Lands. Being part of the lands conveyed to Zanesville-Muskingum County Port Authority in Deed Record 1142, pages 426 (Tract 4), bounded and described as follows:

Commencing at the southwest corner of Section 9, Township 1 North, Range 7 West; thence south along the west line of Section 12 South 00 degrees 17 minutes 19 seconds East 1,890.15 feet to an iron pin set on the south right-of-way of Innovation Way (Township Road 737);

thence along the south right-of-way of Innovation Way (Township Road 737) (Plat Book 20, pg.19) the following five courses:

1. North 89 degrees 16 minutes 57 seconds East 478.70 feet to an iron pin found disturbed;
2. On a curve to the right having a radius of 160.00 feet, a delta angle of 73 degrees 23 minutes 36 seconds, and a chord bearing and distance of South 54 degrees 01 minutes 15 seconds East 191.22 feet to an iron pin set;
3. North 72 degrees 40 minutes 33 seconds East 25.00 feet to an iron pin set;
4. On a curve to the right having a radius of 185.00 feet, a delta angle of 06 degrees 11 minutes 39 seconds, and a chord bearing and distance of South 14 degrees 13 minutes 41 seconds East 19.99 feet to an iron pin set;
5. South 09 degrees 49 minutes 02 seconds East 142.03 feet to an iron pin set on the north right-of-way of CSX Transportation, Inc. (DR 1005-62) (Baltimore and Ohio Railroad Val. Map V125.1-38 Sta 3907+20-4012+80);

thence leaving Innovation Way and along the north right-of-way of CSX Transportation, Inc. (DR 1005-62) (Baltimore and Ohio Railroad Val. Map V125.1-38 Sta 3907+20-4012+80) the following ten courses:

1. On a curve to the left having a radius of 2,624.23 feet, a delta angle of 05 degrees 02 minutes 02 seconds, a chord bearing and distance of South 73 degrees 48 minutes 59 seconds West 230.49 feet to an iron pin set;
2. South 71 degrees 20 minutes 47 seconds West 347.20 feet to an iron pin set;
3. On a curve to the right having a radius of 1,130.84 feet, a delta angle of 37 degrees 39 minutes 00 seconds, a chord bearing and distance of North 89 degrees 49 minutes 43 seconds West 697.53 feet to an iron pin set;
4. North 71 degrees 00 minutes 13 seconds West 233.10 feet to an iron pin set;
5. On a curve to the left having a radius of 1,160.40 feet, a delta angle of 26 degrees 44 minutes 00 seconds, a chord bearing and distance of North 84 degrees 22 minutes 13 seconds West 560.11 feet to an iron pin set;
6. South 82 degrees 15 minutes 47 seconds West 354.70 feet to an iron pin set;
7. On a curve to the right having a radius of 1,469.12 feet, a delta angle of 36 degrees 51 minutes 00 seconds, a chord bearing and distance of North 79 degrees 18 minutes 43 seconds West 897.06 feet to an iron pin set;
8. North 60 degrees 53 minutes 13 seconds West 510.50 feet to an iron pin set;

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9. On a curve to the left having a radius of 1,325.27 feet, a delta angle of 50 degrees 27 minutes 03 seconds, a chord bearing and distance of North 85 degrees 08 minutes 05 seconds West 1,129.61 feet to an iron pin set;
10. South 70 degrees 37 minutes 02 seconds West 545.05 feet to a point, being the southeast corner of J.D. Shriver (DR 2520-903);

thence leaving the north right-of-way of CSX Transportation, Inc. (DR 1005-62) (Baltimore and Ohio Railroad Val. Map V125.1-38 Sta 3907+20-4012+80) and along J.D. Shriver (DR 2520-903) the following three courses:

1. North 03 degrees 30 minutes 23 seconds East 7.74 feet to an iron pin found;
2. North 03 degrees 30 minutes 23 seconds East 311.47 feet to an iron pin found;
3. North 03 degrees 30 minutes 23 seconds East 27.09 feet to a point in the centerline of Bateman Road (Township Road 112);

thence along the centerline of Bateman Road (Township Road 112) North 70 degrees 39 minutes 17 seconds East 164.19 feet to a point;

thence continuing along the centerline of Bateman Road (Township Road 112) on a curve to the left having a radius of 200.00 feet, a delta angle of 11 degrees 30 minutes 46 seconds, a chord bearing and distance of North 64 degrees 53 minutes 51 seconds East 40.12 feet to a point, the **place of beginning** for this parcel;

thence along the centerline of Bateman Road (Township Road 112) on a curve to the left having a radius of 200.00 feet, a delta angle of 26 degrees 53 minutes 30 seconds, a chord bearing and distance of North 45 degrees 41 minutes 43 seconds East 93.01 feet to a point in the centerline of Bateman Road (Township Road 112);

thence leaving the centerline of Bateman Road (Township Road 112) South 51 degrees 14 minutes 36 seconds East 20.12 feet to an iron pin set on the right-of-way of Bateman Road (Township Road 112);

thence continuing South 51 degrees 14 minutes 36 seconds East 159.12 feet to an iron pin set;

thence South 76 degrees 58 minutes 36 seconds West 130.98 feet to an iron pin set;

thence North 45 degrees 43 minutes 15 seconds West 89.32 feet to an iron pin set on the right-of-way of Bateman Road (Township Road 112);

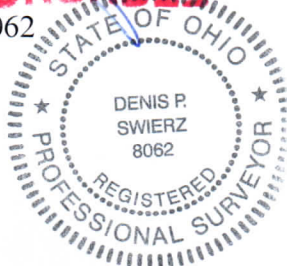
thence continuing North 45 degrees 43 minutes 15 seconds West 20.63 feet to the place of beginning, containing 0.32 acres, more or less.

Part of Parcel No.: 70-13-02-30-000  $\pm$  0.32 acres

This legal description was written by Denis P. Swierz based on a field survey completed October 2018 by Denis Swierz of the Muskingum County Engineers' Office. The bearings in this description are based on NAD 83, Ohio South Zone, State Plane coordinates as per GPS Observations from Muskingum County Engineer GPS monument – W 183.

**OFFICE COPY**  
**NOT RECORDABLE**  
Denis P. Swierz  
Reg. Surv. No. 8062

10/26/18  
Date



DESCRIPTION  
APPROVED

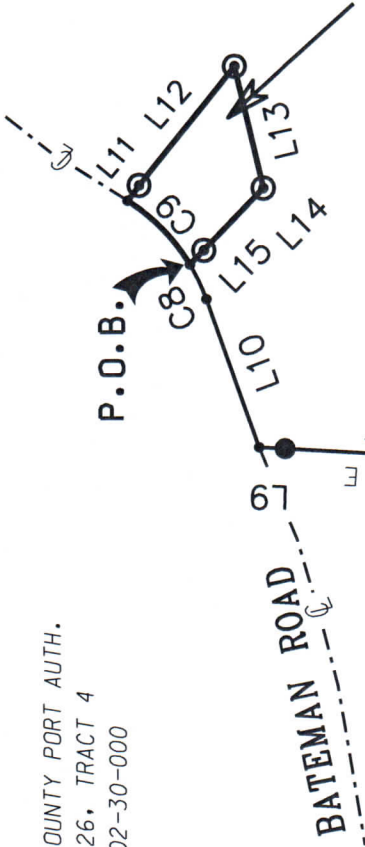
By: [Signature] 10/30/18

PLAT OF SURVEY - ZANESVILLE-MUSKINGUM COUNTY PORT AUTHORITY

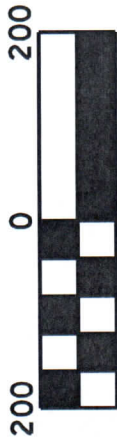
STATE OF OHIO, MUSKINGUM COUNTY, WASHINGTON TOWNSHIP,  
PART OF THE SOUTHEAST QUARTER OF QUARTER TOWNSHIP 2,  
TOWNSHIP 1 NORTH, RANGE 7 WEST, UNITED STATES MILITARY DISTRICT

PART OF : 70-13-02-30-000 ± 0.32 ACRES

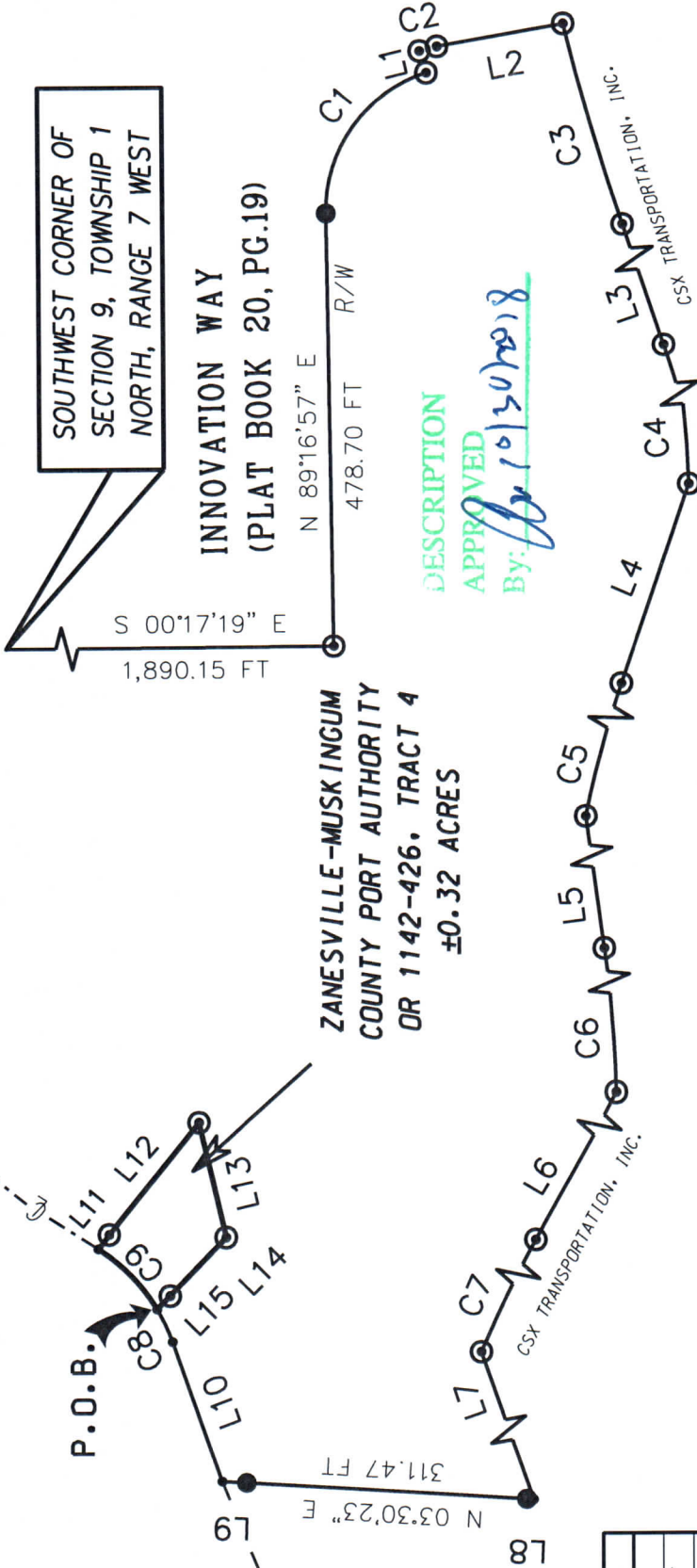
ZANES.-MUSK. COUNTY PORT AUTH.  
DR 1142-426, TRACT 4  
70-13-02-30-000



J.D. SHRIVER  
DR 2520-903



Scale: 1" = 200'



DESCRIPTION  
APPROVED  
By: *[Signature]* 10/26/18

LINE TABLE

NUMBER	DIRECTION	DISTANCE
L1	N 72°40'33" E	25.00 FT
L2	S 09°49'02" E	142.03 FT
L3	S 71°20'47" W	347.20 FT
L4	N 71°00'13" W	233.10 FT
L5	S 82°15'47" W	354.70 FT
L6	N 60°53'13" W	510.50 FT
L7	S 70°37'02" W	545.05 FT
L8	N 03°30'23" E	7.74 FT
L9	N 03°30'23" E	27.09 FT
L10	N 70°39'17" E	164.19 FT
L11	S 51°14'36" E	20.12 FT
L12	S 51°14'36" E	159.12 FT
L13	S 76°58'36" W	130.98 FT
L14	N 45°43'15" W	89.32 FT
L15	N 45°43'15" W	20.63 FT

CURVE TABLE

#	RADIUS	DELTA	CHORD	BRG	CHORD
C1	160.00	73°23'36"	S 54°01'15" E	191.22	
C2	185.00	06°11'39"	S 14°13'41" E	19.99	
C3	2,624.23	05°02'02"	S 73°48'59" W	230.49	
C4	1,130.84	37°39'00"	N 89°49'43" W	697.53	
C5	1,160.40	26°44'00"	N 84°22'13" W	560.11	
C6	1,469.12	36°51'00"	N 79°18'43" W	897.06	
C7	1,325.27	50°27'03"	N 85°08'05" W	1,129.61	
C8	200.00	11°30'46"	N 64°53'51" E	40.12	
C9	200.00	26°53'30"	N 45°41'43" E	93.01	

BASIS OF BEARING:  
BEARINGS ARE BASED ON NAD 83, OHIO SOUTH ZONE. STATE PLANE COORDINATES AS PER GPS OBSERVATIONS FROM MUSKINGUM COUNTY ENGINEER GPS MONUMENT - W-183.

PERTINENT DOCUMENTS AND SURVEYS USED:  
1. DEED REFERENCES SHOWN  
2. TAX MAPS  
3. SURVEY RECORDS FOUND IN THE MUSKINGUM COUNTY ENGINEERS OFFICE, ZANESVILLE, OHIO.

LEGEND

- IRON PIN SET "X 30" W/CAP MARKED "MUSK CITY" "SWIERZ 8062"
- IRON PIN FOUND
- POINT

MUSKINGUM COUNTY  
ENGINEERS OFFICE  
155 REHL ROAD  
ZANESVILLE, OHIO 43701  
(740) 454-0155

I HEREBY CERTIFY THIS PLAT  
TO BE CORRECT AS SURVEYED  
OCTOBER 2018



OFFICE COPY  
DENIS P. SWIERZ  
P.E. # 8062

DATE 10/26/18