

**PROJECT DESCRIPTION**

SAN-006-15.13

IMPROVEMENT OF AN EXISTING RAILROAD OVERPASS BY REPLACEMENT OF THE EXISTING CONCRETE DECKS AND PARAPETS ON THE STEEL BEAM STRUCTURES WITH WIDENED COMPOSITE CONCRETE DECKS ON EXISTING STEEL BEAM STRUCTURES INCLUDING CONSTRUCTION OF ADDITIONAL PIERS AND FOOTERS.

THE PROPOSED ROADWAY WORK ASSOCIATED WITH THIS BRIDGE CROSSING IS TO BE HELD TO A MINIMUM. A 0.1 MILE (530 +/- FEET) PROJECT LENGTH WAS SPECIFIED IN THE SCOPE OF SERVICES. THE APPROACH GUARDRAIL EXTENDING THE WORK LENGTH TO AN APPROXIMATE 750 LINEAR FEET. IT IS ANTICIPATED THAT THESE LIMITS ARE ADEQUATE TO TIE THE PROPOSED WORK INTO THE EXISTING ROADWAY SECTION.

**GENERAL**

WORK ALONG US ROUTE 6/20 BETWEEN THE WORK LIMITS OF THE TWO PAIRS OF BRIDGES WILL CONSIST SOLELY OF THE REPLACEMENT OF THE EXISTING GUARDRAIL. WORK BELOW THE FOUR (4) STRUCTURES IS TO BE KEPT TO A MINIMUM, WITH PRIMARY WORK ITEMS CONSISTING OF INSTALLATION OF SLOPE PROTECTION, REVIEW OF PIER PROTECTION ALONG TOWNSHIP ROAD 57 AND THE SITE GRADING ASSOCIATED WITH THE NEW PIER CONSTRUCTION.

**SURVEY DRAWING REFERENCES**

THE FOLLOWING LIST OF DRAWINGS WERE COMPILED FOR USE IN DETERMINING THE SURVEY CENTERLINE FOR THE PROJECT. ALL DRAWINGS ARE AVAILABLE AT EITHER THE OFFICE OF THE SANDUSKY COUNTY ENGINEER OR THE SANDUSKY COUNTY RECORDER'S OFFICE.

- LOCATION PLAN OF US 20 BYPASS - PLAT BOOK 9 PAGE 50-51
- LOCATION PLAN SR 19 SECTION 10.89 - PLAT BOOK 9 PAGE 71-72
- CHRISTY ROAD (CR 57) CENTERLINE PLAN - SURVEY VOL 8 PAGE 3-4
- REPLAT OF CHRISTY FARM ESTATES - PLAT BOOK 16 PAGE 56-57
- IRVINGTON SUBDIVISION - PLAT BOOK 7 PAGE 30
- PLAT OF SURVEY - WAMMES PROPERTY - SURVEY VOL 18 PAGE 112
- PLAT OF SURVEY - WAMMES PROPERTY - SURVEY VOL 15 PAGE 217
- PLAT OF SURVEY - CELEK PROPERTY - SURVEY VOL 14 PAGE 112
- PLAT OF SURVEY - MILLER PROPERTY - ENGINEER'S RECORDS
- PLAT OF SURVEY - ECKRICH PROPERTY - ENGINEER'S RECORDS
- PLAT OF SURVEY - OHIO POWER PROPERTY - SURVEY VOL 13 PAGE 454-455
- CENTERLINE OF CHRISTY ROAD - CONTROL INDEX - VOL 2 PAGE 135-143
- CHRISTY FARM PARCEL EXHIBIT No. 1 - ENGINEER'S RECORDS
- CHRISTY FARM PARCEL EXHIBIT No. 2 - ENGINEER'S RECORDS
- PLAT OF SURVEY CHRISTY FARMS - ENGINEER'S RECORDS

**GENERAL SURVEY NOTES**

1. SURVEY DRAWINGS WERE PREPARED TO ACCOMPANY THE ENGINEER'S REPORT PREPARED BY BERGMANN ASSOCIATES. REFER TO ENGINEERING DRAWINGS PREPARED BY BERGMANN ASSOCIATES FOR ALL BRIDGE IMPROVEMENTS.
2. BOUNDARY INFORMATION AND SURVEY CENTERLINE BASED ON A FIELD SURVEY BY J.C. ANDRUS & ASSOCIATES BEGINNING APRIL 10, 1999 THRU MAY 10, 1999.
3. EXISTING UTILITY INFORMATION BASED ON RE-75 SUBMITTAL DATED APRIL 16, 1999 INCLUDING LATEST REVISIONS.  
OUPS REFERENCE NUMBER 310-081-056 DATED MARCH 10, 1999  
OUPS REFERENCE NUMBER 319-021-116 DATED MARCH 19, 1999
5. RIGHT OF WAY CENTERLINE AS INDICATED ON THE PLANS IS BASED ON THE ORIGINAL CENTERLINE OF RIGHT-OF-WAY AS ESTABLISHED BY THE RIGHT-OF-WAY PLANS PREPARED 7-29-55, LATEST ISSUANCE AND REVISION AS RECORDED IN PLAT BOOK 9 PAGE 50-51 OF THE RECORDS OF THE SANDUSKY COUNTY RECORDER.
6. SURVEY CENTERLINE BASED ON A FIELD SURVEY BY J.C. ANDRUS & ASSOCIATES, INC. BEGINNING APRIL 10, 1999 THRU MAY 10, 1999. REFER TO SURVEY PLAN SHEET 1 THRU 12 FOR FURTHER DETAIL AND MONUMENTATION. THE BEARING OF THE CENTERLINE OF SURVEY FOR THIS PLAN - S 88°08'24" E.
7. RIGHT-OF-WAY INDICATED ON THE PLANS IS BASED ON THE DRAWINGS PREPARED BY THE OHIO DEPARTMENT OF TRANSPORTATION DATED SEPTEMBER 2, 1955 AND RECORDED AS STATED ABOVE. THE BEARING OF THE CENTERLINE OF RIGHT-OF-WAY AS PER THE ODOT PLANS - S 88°06'44" E.

APPROVED \_\_\_\_\_  
DATE: \_\_\_\_\_ ASSISTANT DEPUTY DIRECTOR  
OFFICE OF REAL ESTATE ADMINISTRATION

APPROVED \_\_\_\_\_  
DATE: \_\_\_\_\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

# Right of Way

## BRIDGE REPLACEMENT PROGRAM FINAL DEVELOPMENT PHASE PID No. 19120 FOR SAN - 6 - 15.13

**SECTION 29, TOWN 5 NORTH, RANGE 15 EAST  
SANDUSKY TOWNSHIP  
SANDUSKY COUNTY, OHIO**

**AQUIRING AGENCY: STATE OF OHIO**

BEGIN ACQUISITION: STA 813+13.84  
END ACQUISITION: STA 816+13.92

**PLAN PREPARED FOR:**

**OHIO DEPARTMENT OF TRANSPORTATION  
DISTRICT No. 2**

**INDEX OF SHEETS**

TITLE SHEET	1
RAILROAD PLAT	1
PROPERTY MAP	1
DETAIL SHEET #1	2
DETAIL SHEET #2	3
SUMMARY TABLES & FOUNDATION DETAIL	4

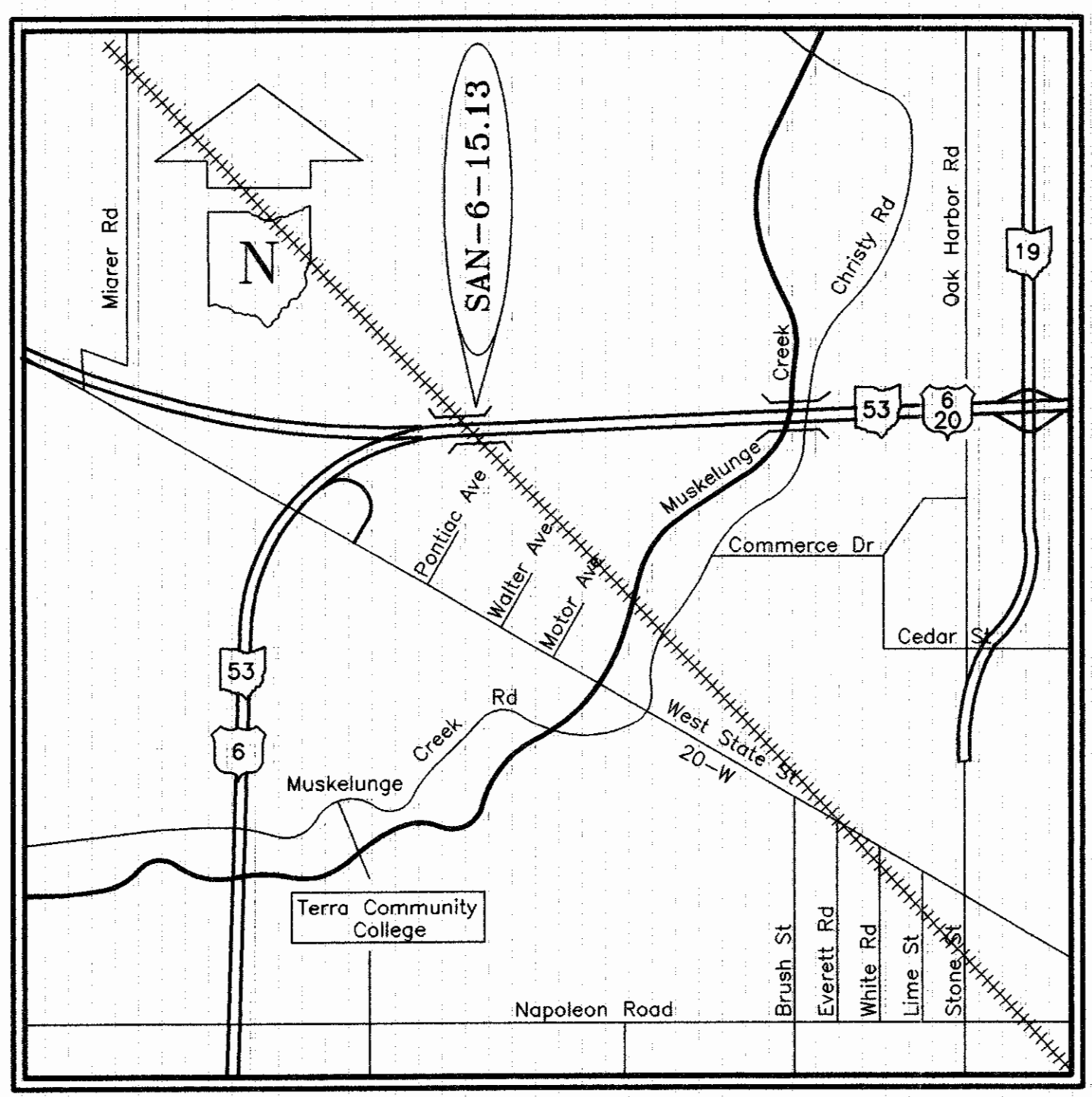
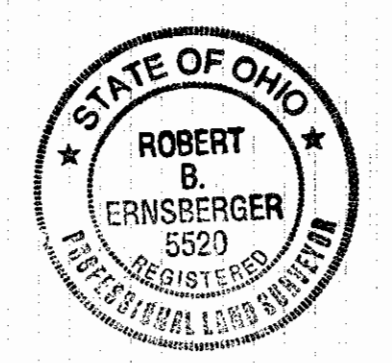
**1997 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

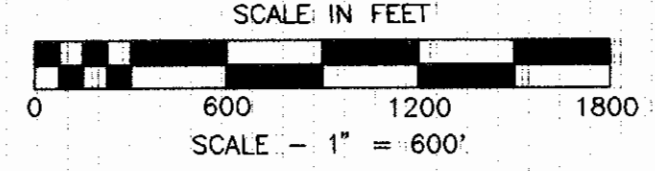
**PLAN PREPARED BY:**

**J. C. ANDRUS & ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS - PLANNERS  
445 10TH STREET TOLEDO, OHIO 43624  
(419) 248-3737 (800) 688-5315 FAX (419) 248-1089

\_\_\_\_\_  
ROBERT B. ERNSBERGER DATE  
REGISTERED SURVEYOR NO. 5520



**VICINITY MAP**



LATITUDE: N 41°22'07"  
LONGITUDE: W 82°09'12"

**GENERAL UTILITY NOTE**

THE UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE AND MAY NOT BE COMPLETE. Some of these utilities were located by field observation when and where possible while others may have been derived from various records. This information has been provided as a service for general reference ONLY. Accurate size, type and location MUST BE DETERMINED BY THE RESPECTIVE UTILITY COMPANIES and may be obtained by calling the OHIO UTILITIES PROTECTION SERVICE (OUPS) toll free at (800) 362-2764. (Telephone 2 working days before any digging.)

**SYMBOL LEGEND**

<ul style="list-style-type: none"> <li>○ = BILLBOARD</li> <li>⊙ = CATCH BASIN</li> <li>⊞ = CATCH BASIN</li> <li>⊠ = CATCH BASIN</li> <li>⊡ = CATCH BASIN</li> <li>⊢ = CULVERT</li> <li>⊣ = FLAG POLE</li> <li>⊤ = GRAVE</li> <li>⊥ = GUARDRAIL POST</li> <li>⊦ = GUY POLE</li> <li>⊧ = HORIZONTAL CONTROL POINT</li> <li>⊨ = HORIZ. &amp; VERT. CONTROL POINT</li> <li>⊩ = HYDRANT</li> <li>⊪ = LIGHT POLE</li> <li>⊫ = MAIL BOX</li> <li>⊬ = MANHOLE</li> <li>⊭ = MONUMENT</li> <li>⊮ = MONITORING WELL</li> <li>⊯ = PINE TREE</li> <li>⊰ = POLE</li> <li>⊱ = POWER POLE</li> <li>⊲ = RAILROAD LIGHT</li> <li>⊳ = RAILROAD SWITCH</li> <li>⊴ = SHRUB</li> <li>⊵ = SIGN</li> <li>⊶ = CATCH BASIN</li> </ul>	<ul style="list-style-type: none"> <li>⊷ = SWAMP</li> <li>⊸ = BENCHMARK</li> <li>⊹ = TOWER</li> <li>⊺ = TREE</li> <li>⊻ = VALVE</li> <li>⊼ = CATCH BASIN</li> <li>⊽ = CONTROL POINT</li> <li>⊾ = SIGN</li> <li>⊿ = WELL</li> <li>— = TOWNSHIP LINE</li> <li>— = SECTION LINE</li> <li>— = CORPORATION LINE</li> <li>- - - = EXISTING FENCE</li> <li>— = CENTER LINE</li> <li>LA — = LIMITED ACCESS (ONLY)</li> <li>RW — = RIGHT OF WAY (ONLY)</li> <li>LA &amp; RW — = LIMITED ACCESS &amp; RIGHT OF WAY</li> <li>RW — = EXISTING RIGHT OF WAY</li> <li>— P — (IN EX. FENCE) — P —</li> <li>RAILROAD (EXISTING) —</li> <li>— GAS — = GAS LINE</li> <li>— W — = WATER LINE</li> <li>— SS — = SANITARY SEWER</li> <li>— S — = STORM SEWER</li> <li>— E — = ELECTRIC LINE</li> </ul>
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REVISIONS	DATE	BY	DESCRIPTION
1	10/16/99	DRF	ISSUED FOR ODOT REVIEW
2	1/14/00	DRF	REVISED PER ODOT COMMENTS 1/23/00
3	1/27/00	DRF	REVISED PER ODOT COMMENTS 1/21/00

J.C. ANDRUS & ASSOCIATES, INC. ENGINEERS - SURVEYORS - PLANNERS 445 10th Street - Toledo, Ohio 43624 (419) 248-0201 (419) 248-9737 Fax (419) 248-1089 e-mail: engineers@andrus.com	DATE 10-08-99	JOB NO. 99S-9308B
DESIGNED DRF	CHECKED DRF	FILE NAME 9308B.RVT
DRAWN EJB	REVIEWED EJB	PLANT DATE 1/24/00

TITLE PAGE  
RAILROAD PLAT - NORFOLK & WESTERN RAILWAY  
SANDUSKY COUNTY, OHIO

SUN# 42104(0)

SAN-6-15.13

70  
74

R-5006A #7



PROPERTY MAP  
SAN - 6 - 15.13  
SECTION 29, TOWN 5 NORTH, RANGE 15 EAST  
SANDUSKY TOWNSHIP  
SANDUSKY COUNTY, OHIO

GENERAL SURVEY NOTES

1. RAILROAD PLAT PREPARED BASED ON THE FIELD SURVEY PERFORMED BY J.C. ANDRUS & ASSOCIATES, INC. UNDER THE SUPERVISION OF ROBERT ERNSBERGER REGISTERED SURVEYOR No. 5520. SAID FIELD SURVEY PERFORMED BEGINNING APRIL 10, 1999 THRU MAY 10, 1999.
2. SURVEY DRAWINGS WERE PREPARED TO ACCOMPANY THE ENGINEER'S REPORT PREPARED BY BERGMANN ASSOCIATES. REFER TO ENGINEERING DRAWINGS PREPARED BY BERGMANN ASSOCIATES FOR ALL BRIDGE IMPROVEMENTS.
3. REFER TO RAILROAD PLAT SHEET 4 OF 4 FOR SUMMARY OF EASEMENT OVERLAPS AND DESCRIPTION TABLES.
4. RIGHT OF WAY CENTERLINE AS INDICATED ON THE PLANS IS BASED ON THE ORIGINAL CENTERLINE OF RIGHT-OF-WAY AS ESTABLISHED BY THE RIGHT-OF-WAY PLANS PREPARED 7-29-55, LATEST ISSUANCE AND REVISION AS RECORDED IN PLAT BOOK 9 PAGE 50-51 OF THE RECORDS OF THE SANDUSKY COUNTY RECORDER.
5. EXISTING EASEMENT PARCEL No. 9 RECORDED ON MARCH 22, 1957 IN DEED VOLUME 231 PAGE 350 OF THE RECORDS OF THE SANDUSKY COUNTY RECORDER.
6. PROPERTY AND RIGHT OF WAY INFORMATION INDICATED ON THE PLANS IS BASED ON AVAILABLE MONUMENTATION AS LOCATED DURING THE FIELD SURVEY OPERATIONS.

CENTERLINE OF RIGHT-OF-WAY - S 88°06'44" E

5. EXISTING EASEMENT PARCEL No. 9 RECORDED ON MARCH 22, 1957 IN DEED VOLUME 231 PAGE 350 OF THE RECORDS OF THE SANDUSKY COUNTY RECORDER.

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WAMMES, EARL J. & KAREN S.  
PAR NO 1329-0000-17-14  
DV 393 PG 952

N 88°06'44"W ~ 302.32' Ex. LA-RW

NORFOLK & WESTERN RAILWAY CORPORATION FORMERLY KNOWN AS THE NEW YORK CENTRAL RAILROAD AND PENN-CENTRAL RAILROAD

R/W EASEMENT PARCEL 10LA DV 224 PG 20

CENTERLINE DATA BASED ON CONSTRUCTION PLANS

C/L SURVEY	C/L RAILROAD	ANGLE
S 88°08'24"E	S 44°53'19"E	136°44'55" (M)

CENTERLINE DATA BASED ON RIGHT-OF-WAY PLANS

C/L RIGHT-OF-WAY	C/L RAILROAD	ANGLE
S 88°06'44"E	S 44°51'39"E	136°44'55" (M)

CENTERLINE DATA BASED ON RIGHT-OF-WAY PLANS

C/L RIGHT-OF-WAY TO RAILROAD	ANGLE
S 88°06'44"E	136°45'(R)

US 20 BYPASS (RW WIDTH VARIES)

☉ SURVEY - S 88°08'24" E

☉ SURVEY - S 88°06'44" E

SURVEY

XF-1020  
654.507

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**SECTION 29, TOWN 5 NORTH, RANGE 15 EAST  
SANDUSKY TOWNSHIP  
SANDUSKY COUNTY, OHIO**

NORFOLK & WESTERN RAILWAY CORPORATION FORMERLY KNOWN AS THE NEW YORK CENTRAL RAILROAD AND PENN-CENTRAL RAILROAD

WAMMES, EARL J. & KAREN S.  
PAR: NO 1329-0000-17-14  
DV 393 PG 952

**GENERAL SURVEY NOTES**

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**CENTERLINE OF RIGHT-OF-WAY - S 88°06'44" E.**

3. EXISTING EASEMENT PARCEL No. 9 RECORDED ON MARCH 22, 1957 IN DEED VOLUME 231 PAGE 350 OF THE RECORDS OF THE SANDUSKY COUNTY RECORDER.

Centerline data based on construction plans

C/L SURVEY	C/L RAILROAD	ANGLE
S 88°08'24" E	S 44°53'19" E	136°44'55" (M)

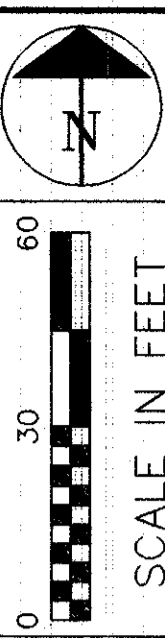
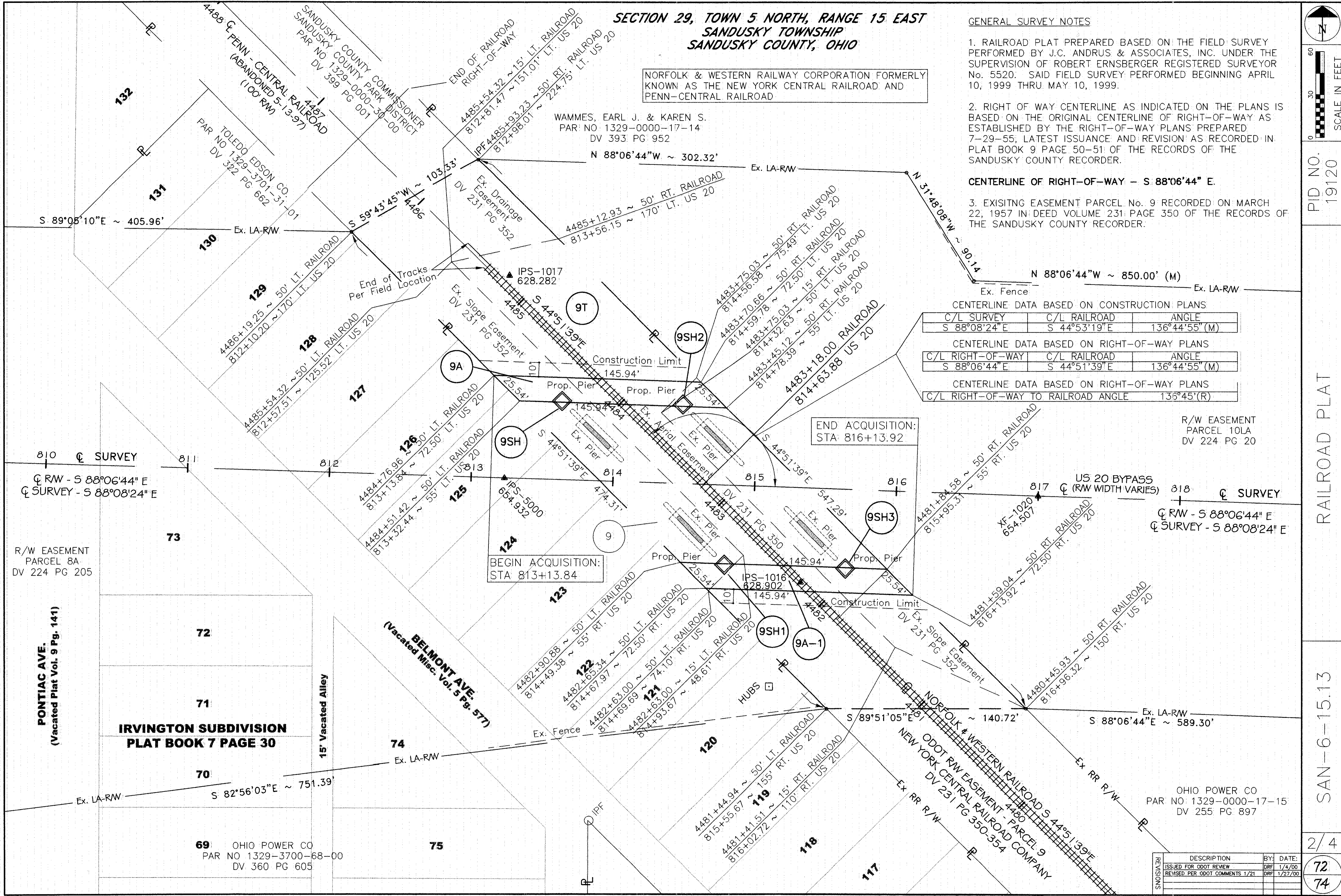
Centerline data based on right-of-way plans

C/L RIGHT-OF-WAY	C/L RAILROAD	ANGLE
S 88°06'44" E	S 44°51'39" E	136°44'55" (M)

Centerline data based on right-of-way plans

C/L RIGHT-OF-WAY TO RAILROAD	ANGLE
S 88°06'44" E	136°45' (R)

R/W EASEMENT  
PARCEL 10LA  
DV 224 PG 20



PID NO.  
19120

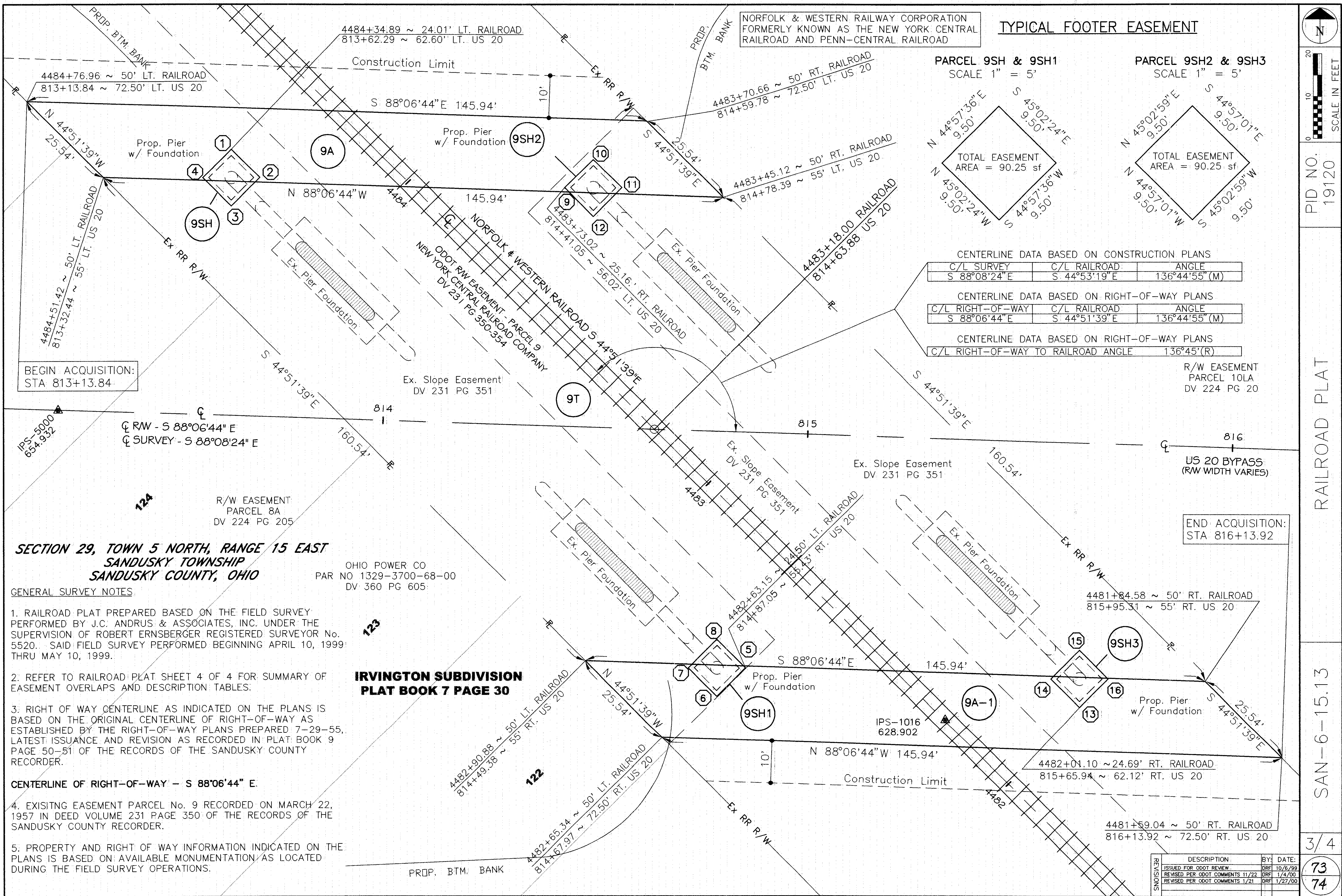
RAILROAD PLAT

SAN-6-15.13

2/4

REVISIONS	DESCRIPTION	BY	DATE
72	ISSUED FOR ODOT REVIEW	DRF	1/4/00
74	REVISED PER ODOT COMMENTS 1/21	DRF	1/27/00



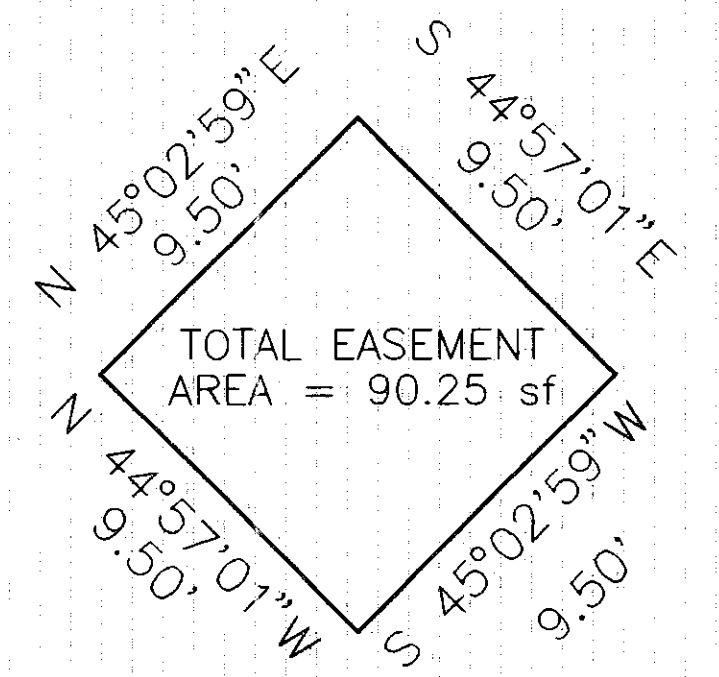
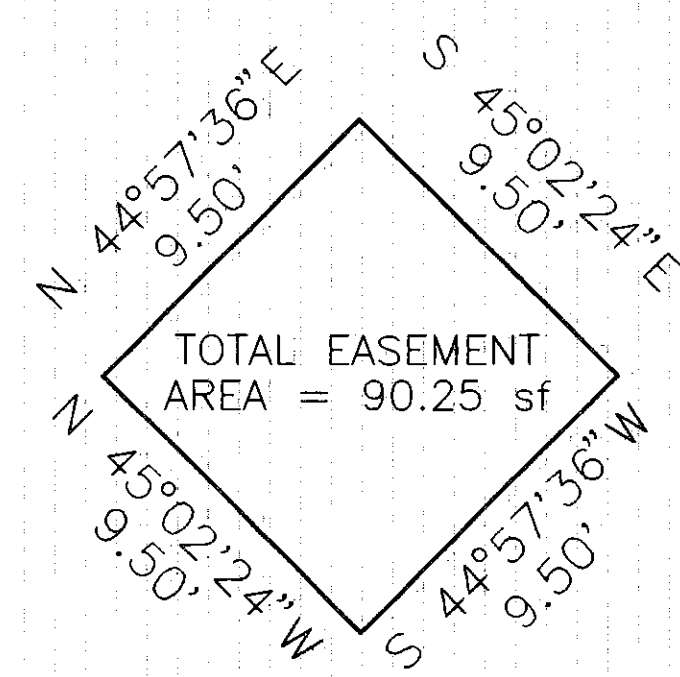


NORFOLK & WESTERN RAILWAY CORPORATION  
FORMERLY KNOWN AS THE NEW YORK CENTRAL  
RAILROAD AND PENN-CENTRAL RAILROAD

**TYPICAL FOOTER EASEMENT**

PARCEL 9SH & 9SH1  
SCALE 1" = 5'

PARCEL 9SH2 & 9SH3  
SCALE 1" = 5'



CENTERLINE DATA BASED ON CONSTRUCTION PLANS

C/L SURVEY	C/L RAILROAD	ANGLE
S 88°08'24"E	S 44°53'19"E	136°44'55" (M)

CENTERLINE DATA BASED ON RIGHT-OF-WAY PLANS

C/L RIGHT-OF-WAY	C/L RAILROAD	ANGLE
S 88°06'44"E	S 44°51'39"E	136°44'55" (M)

CENTERLINE DATA BASED ON RIGHT-OF-WAY PLANS

C/L RIGHT-OF-WAY TO RAILROAD ANGLE	136°45'(R)
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R/W EASEMENT  
PARCEL 10LA  
DV 224 PG 20

BEGIN ACQUISITION:  
STA 813+13.84

END ACQUISITION:  
STA 816+13.92

**SECTION 29, TOWN 5 NORTH, RANGE 15 EAST  
SANDUSKY TOWNSHIP  
SANDUSKY COUNTY, OHIO**

**GENERAL SURVEY NOTES**

1. RAILROAD PLAT PREPARED BASED ON THE FIELD SURVEY PERFORMED BY J.C. ANDRUS & ASSOCIATES, INC. UNDER THE SUPERVISION OF ROBERT ERNSBERGER REGISTERED SURVEYOR No. 5520. SAID FIELD SURVEY PERFORMED BEGINNING APRIL 10, 1999 THRU MAY 10, 1999.

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CENTERLINE OF RIGHT-OF-WAY - S 88°06'44" E.

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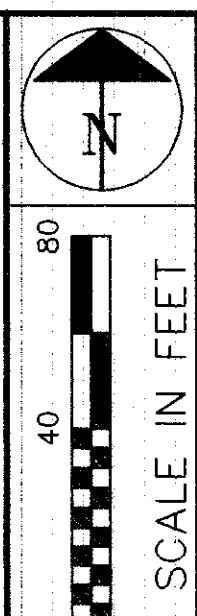
5. PROPERTY AND RIGHT OF WAY INFORMATION INDICATED ON THE PLANS IS BASED ON AVAILABLE MONUMENTATION AS LOCATED DURING THE FIELD SURVEY OPERATIONS.

OHIO POWER CO  
PAR NO 1329-3700-68-00  
DV 360 PG 605

**IRVINGTON SUBDIVISION  
PLAT BOOK 7 PAGE 30**

REVISIONS	DESCRIPTION	BY	DATE
	ISSUED FOR ODOT REVIEW	DRF	10/6/99
	REVISED PER ODOT COMMENTS 11/22	DRF	1/24/00
	REVISED PER ODOT COMMENTS 1/21	DRF	1/27/00





ROADWAY			PIER EASEMENT			ROADWAY			PIER EASEMENT				
POINT	STATION	OFFSET	PARCEL	COURSE	DISTANCE	BEARING	POINT	STATION	OFFSET	PARCEL	COURSE	DISTANCE	BEARING
1	813+62.29	62.60' Lt	9SH	1-2	9.50'	S 45°02'24"E	9	814+41.05	56.02' Lt	9SH2	9-10	9.50'	N 45°02'59"E
2	813+69.23	56.12' Lt		2-3	9.50'	S 44°57'36"W	10	814+47.54	62.95' Lt		10-11	9.50'	S 44°57'01"E
3	813+62.74	49.18' Lt		3-4	9.50'	N 45°02'24"W	11	814+54.47	56.45' Lt		11-12	9.50'	S 45°02'59"W
4	813+55.80	55.66' Lt	9SH1	4-1	9.50'	N 44°57'36"E	12	814+47.98	49.52' Lt	9SH3	12-9	9.50'	N 44°57'01"W
5	814+87.05	55.43' Rt		5-6	9.50'	S 44°57'36"W	13	815+65.94	62.12' Rt		13-14	9.50'	N 44°57'01"W
6	814+80.56	62.37' Rt		6-7	9.50'	N 45°02'24"W	14	815+59.01	55.62' Rt		14-15	9.50'	N 45°02'59"E
7	814+75.62	55.88' Rt		7-8	9.50'	N 44°57'36"E	15	815+65.51	48.69' Rt		15-16	9.50'	S 44°57'01"E
8	814+80.11	48.94' Rt		8-5	9.50'	S 45°02'24"E	16	815+72.44	55.19' Rt		16-13	9.50'	S 45°02'29"W

**SECTION 29, TOWN 5 NORTH, RANGE 15 EAST  
SANDUSKY TOWNSHIP  
SANDUSKY COUNTY, OHIO**

CENTERLINE DATA BASED ON CONSTRUCTION PLANS

C/L SURVEY	C/L RAILROAD	ANGLE
S 88°08'24"E	S 44°53'19"E	136°44'55"(M)

CENTERLINE DATA BASED ON RIGHT-OF-WAY PLANS

C/L RIGHT-OF-WAY	C/L RAILROAD	ANGLE
S 88°06'44"E	S 44°51'39"E	136°44'55"(M)

CENTERLINE DATA BASED ON RIGHT-OF-WAY PLANS

C/L RIGHT-OF-WAY TO RAILROAD	ANGLE
S 88°06'44"E	136°45'(R)

EXISTING EASEMENT	TOTAL AREA (SQ. FT.)	AREA OF OVERLAP (SQ. FT.)										
		EXISTING HIGHWAY				REQUIRED HIGHWAY				REQUIRED AERIAL		TEMPORARY
		AERIAL	DRAINAGE	SLOPE	SLOPE	9SH	9SH1	9SH2	9SH3	9A	9A-1	9T
AERIAL	16,053.73	16,053.73	-	5577.62	5593.73	34.00	36.82	30.07	39.91	-	-	16053.73
DRAINAGE	6,537.27	-	6,537.27	-	-	-	-	-	-	-	-	6537.27
SLOPE	10,195.37	5577.62	-	10,195.37	-	90.25	90.25	-	-	893.83	363.44	10195.37
SLOPE	9,845.36	5593.73	-	-	9,845.36	-	-	90.25	90.25	411.67	893.90	9845.36

REQUIRED EASEMENT	EASEMENT DESCRIPTION	TOTAL AREA (SQ. FT.)	AREA OF OVERLAP (SQ. FT.)										
			EXISTING HIGHWAY				REQUIRED HIGHWAY				REQUIRED AERIAL		TEMPORARY
			AERIAL	DRAINAGE	SLOPE	SLOPE	9SH	9SH1	9SH2	9SH3	9A	9A-1	9T
9SH	FOUNDATION	90.25	34.00	-	90.25	-	90.25	-	-	-	56.25	-	90.25
9SH1	FOUNDATION	90.25	36.82	-	90.25	-	90.25	-	-	-	53.43	-	90.25
9SH2	FOUNDATION	90.25	30.07	-	90.25	-	-	90.25	-	-	60.18	-	90.25
9SH3	FOUNDATION	90.25	39.91	-	90.25	-	-	-	90.25	-	50.34	-	90.25
9A	AERIAL	2,554.00	-	-	893.83	411.67	56.25	-	60.18	-	2,554.00	-	2554.00
9A-1	AERIAL	2,554.00	-	-	363.44	893.90	-	53.43	-	50.34	-	2,554.00	2554.00
9T	TEMPORARY	51,080.05	16053.73	6537.27	10195.37	9845.36	90.25	90.25	90.25	90.25	2554.01	2554.00	51,080.05

**AS ACQUIRED**  
Volume 420, Page 0528

UTILITY FACILITY CONTACT DATA

Ameritech Engineering  
Contact: Georgia Orions Ph: 419-245-7737  
Customer Service: Ph: 419-245-7860  
130 North Erie Street  
Toledo, Ohio 43624

Columbia Gas Transmission  
Contact: Jeff Byrd Ph: 419-422-3572  
Field Engineer: Kevin Sheffel Ph: 419-422-3572  
Fax: 419-422-9452  
1804 Broad Avenue  
Findlay, Ohio 45840

City of Fremont  
City Engineer  
Contact: John Kusma Ph: 419-334-8963  
Water Works  
Contact: Denny Quackenbush Ph: 419-334-8966  
323 South Front Street  
Fremont, Ohio 43420

City of Fremont  
Sewage Treatment  
Contact: Chris Grover Ph: 419-334-3876  
1019 Sand Street  
Fremont, Ohio 43420

Frontier Vision  
Customer Service Ph: 800-346-2288  
105 South Third Street  
P.O. Box 170  
Waterville, Ohio 43566

Contact: Tim Strous Ph: 419-734-5905  
129 Maple Street  
Port Clinton, Ohio 43452

Fremont Cablevision  
Contact: Tim Wolfe Ph: 419-332-6972  
907 West State Street  
Fremont, Ohio 43420

Ohio Power Company  
American Electric Power  
Area Mgr: Dennis Ramey Ph: 419-334-4380  
Sub-Station Mgr: Bill Mitchum Ph: 419-436-3102  
Regional Mgr: Steve Darby Ph: 419-425-7543  
Customer Service: Ph: 800-672-2231  
1408 Oakwood Street  
Fremont, Ohio 43420

American Electric Power  
Supervisor R/W and Transmission Lines  
Contact: Jim Quinn Ph: 219-425-2294  
P.O. Box 60  
Fort Wayne, IN 46801

American Electric Power  
Area Distribution  
Contact: Steve Root Ph: 419-425-7549  
2738 North Main Street  
Findlay, Ohio 45840

Columbia Gas of Ohio  
Contact: Lisa Carmean Ph: 419-334-2870  
Contact: Duke Snavely Fax: 419-332-4866  
Customer Service Ph: 419-332-9951  
Distribution Manager Ph: 419-332-9953  
Fax: 419-332-4866  
1208 Dickinson Street  
Fremont, Ohio 43420

Toledo Edison  
Estimating: Don Williamson Ph: 419-249-4113  
228 South Main Street  
Lindsey, Ohio 43442

Engineering: Rich Reineck Ph: 419-249-5815  
Mapping: Jim Reed Ph: 419-249-4119  
900 Lemoine Road  
Northwood, Ohio 43619

GENERAL SURVEY NOTES

1. RAILROAD PLAT PREPARED BASED ON THE FIELD SURVEY PERFORMED BY J.C. ANDRUS & ASSOCIATES, INC. UNDER THE SUPERVISION OF ROBERT ERNSBERGER REGISTERED SURVEYOR No. 5520. SAID FIELD SURVEY PERFORMED BEGINNING APRIL 10, 1999 THRU MAY 10, 1999.

2. SURVEY DRAWINGS WERE PREPARED TO ACCOMPANY THE ENGINEER'S REPORT PREPARED BY BERGMANN ASSOCIATES. REFER TO ENGINEERING DRAWINGS PREPARED BY BERGMANN ASSOCIATES FOR ALL BRIDGE IMPROVEMENTS.

3. REFER TO RAILROAD PLAT SHEET 3 FOR SUMMARY OF EASEMENT EXHIBIT CORRELATING TO DESCRIPTION TABLES.

4. RIGHT OF WAY CENTERLINE AS INDICATED ON THE PLANS IS BASED ON THE ORIGINAL CENTERLINE OF RIGHT-OF-WAY AS ESTABLISHED BY THE RIGHT-OF-WAY PLANS PREPARED 7-29-55, LATEST ISSUANCE AND REVISION AS RECORDED IN PLAT BOOK 9 PAGE 50-51 OF THE RECORDS OF THE SANDUSKY COUNTY RECORDER.

**CENTERLINE OF RIGHT-OF-WAY - S 88°06'44" E.**

5. EXISTING EASEMENT PARCEL No. 9 RECORDED ON MARCH 22, 1957 IN DEED VOLUME 231 PAGE 350 OF THE RECORDS OF THE SANDUSKY COUNTY RECORDER.

6. PROPERTY AND RIGHT OF WAY INFORMATION INDICATED ON THE PLANS IS BASED ON AVAILABLE MONUMENTATION AS LOCATED DURING THE FIELD SURVEY OPERATIONS.

7. BEARINGS AND DISTANCES FOR THE EXISTING PIERS BASED ON THE AS-BUILT FIELD LOCATION OF THE EXPOSED PORTION OF THE PIER. JCA DID NOT EXCAVATE TO THE TOP OF THE FOUNDATION. DIMENSIONS FOR THE FOUNDATION BASED ON CONSTRUCTION DRAWINGS.

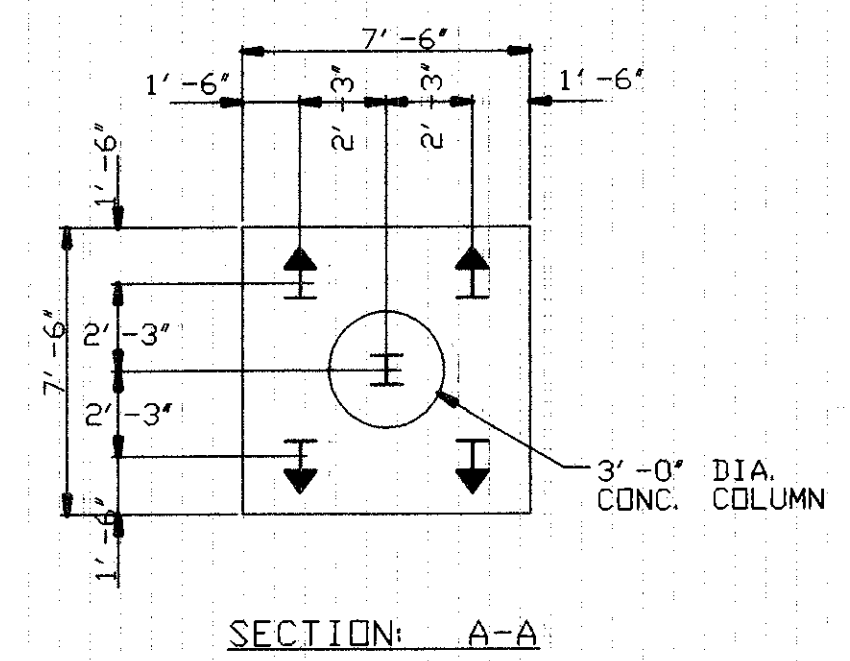
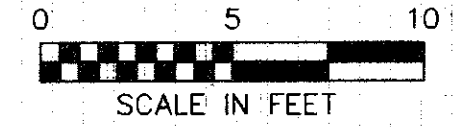
NORFOLK & WESTERN RAILWAY CORPORATION  
FORMERLY KNOWN AS THE NEW YORK CENTRAL  
RAILROAD AND PENN-CENTRAL RAILROAD

SURVEY DRAWING REFERENCES

THE FOLLOWING LIST OF DRAWINGS WERE COMPILED FOR USE IN DETERMINING THE SURVEY CENTERLINE FOR THE PROJECT. ALL DRAWINGS ARE AVAILABLE AT EITHER THE OFFICE OF THE SANDUSKY COUNTY ENGINEER OR THE SANDUSKY COUNTY RECORDER'S OFFICE.

- LOCATION PLAN OF US 20 BYPASS - PLAT BOOK 9 PAGE 50-51
- LOCATION PLAN SR 19 SECTION 10.89 - PLAT BOOK 9 PAGE 71-72
- CHRISTY ROAD (CR 57) CENTERLINE PLAN - SURVEY VOL 8 PAGE 3-4
- REPLAT OF CHRISTY FARM ESTATES - PLAT BOOK 16 PAGE 56-57
- IRVINGTON SUBDIVISION - PLAT BOOK 7 PAGE 30
- PLAT OF SURVEY - WAMMES PROPERTY - SURVEY VOL 18 PAGE 112
- PLAT OF SURVEY - WAMMES PROPERTY - SURVEY VOL 15 PAGE 217
- PLAT OF SURVEY - CELEK PROPERTY - SURVEY VOL 14 PAGE 112
- PLAT OF SURVEY - MILLER PROPERTY - ENGINEER'S RECORDS
- PLAT OF SURVEY - ECKRICH PROPERTY - ENGINEER'S RECORDS
- PLAT OF SURVEY - OHIO POWER PROPERTY - SURVEY VOL 13 PAGE 454-455
- CENTERLINE OF CHRISTY ROAD - CONTROL INDEX - VOL 2 PAGE 135-143
- CHRISTY FARM PARCEL EXHIBIT No. 1 - ENGINEER'S RECORDS
- CHRISTY FARM PARCEL EXHIBIT No. 2 - ENGINEER'S RECORDS
- PLAT OF SURVEY CHRISTY FARMS - ENGINEER'S RECORDS

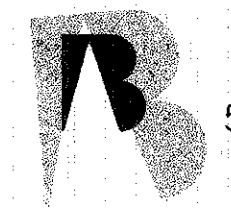
TYPICAL PIER PLAN



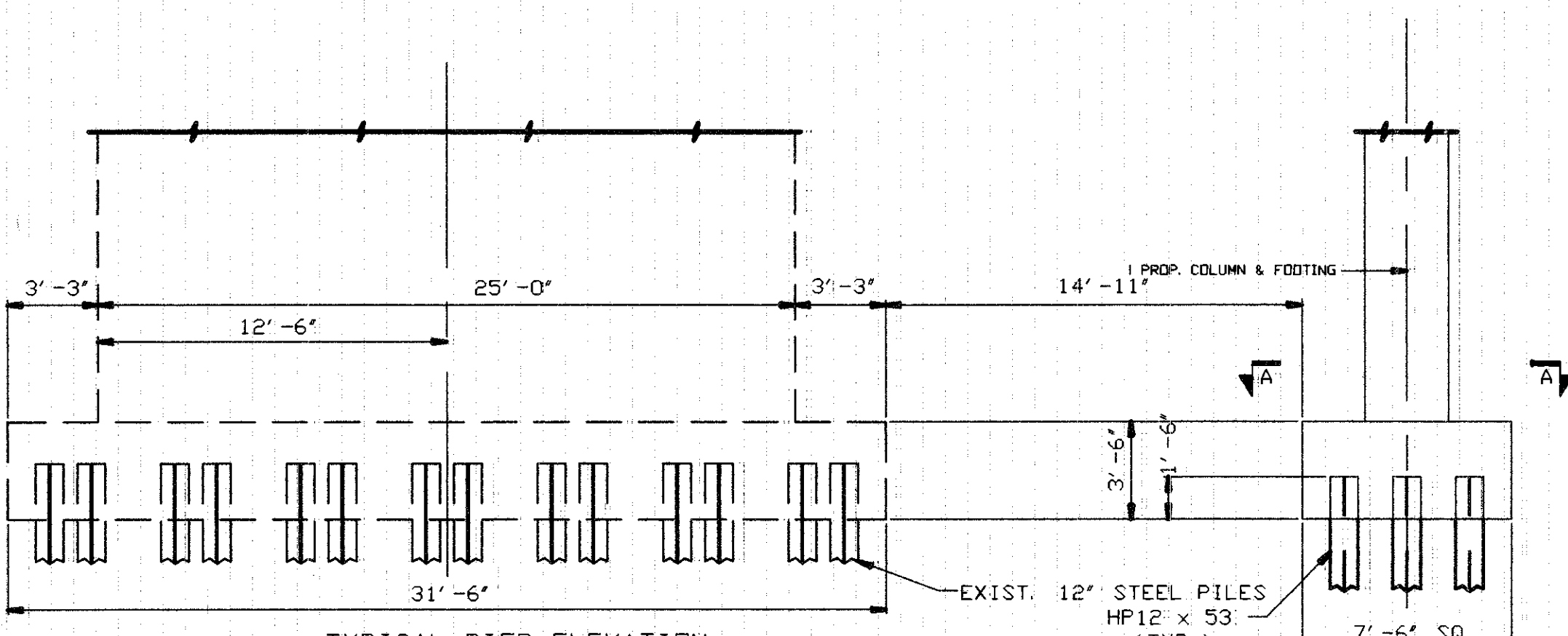
SECTION: A-A

- DESIGNATES HP12 x 53
- ▽ DESIGNATES HP12 x 53 BATTERED
- 1 HORIZONTAL TO 4 VERTICAL

FOUNDATION DESIGN CONSULTANT:



**BERGMANN ASSOCIATES**  
500 EAST FRONT STREET PERRYSBURG, OHIO 48864  
419.872.4000 419.872.4001



TYPICAL PIER ELEVATION  
(RIGHT BRIDGE SHOWN)  
(LEFT BRIDGE OFF-HAND)

REVISIONS	DESCRIPTION	BY	DATE
1	ISSUED FOR ODOT REVIEW	DRF	10/6/99
2	REVISED PER ODOT COMMENTS 11/22	DRF	1/14/00
3	REVISED PER ODOT COMMENTS 1/21	DRF	1/27/00

PID NO. 19120

SUMMARY & DESCRIPTION TABLE  
RAILROAD PLAT

SAN-6-15.13