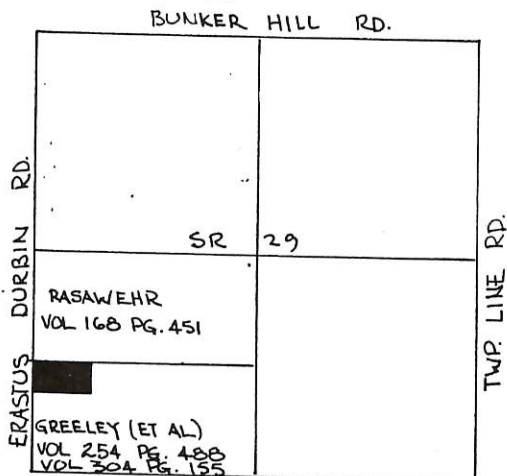


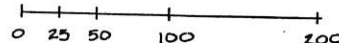
KITTLE SURVEY  
 PART SW 1/4 SEC 1, T6S, R1E  
 WASHINGTON TWP., MERCER CO., OHIO

07-C

LOCATION PLAT



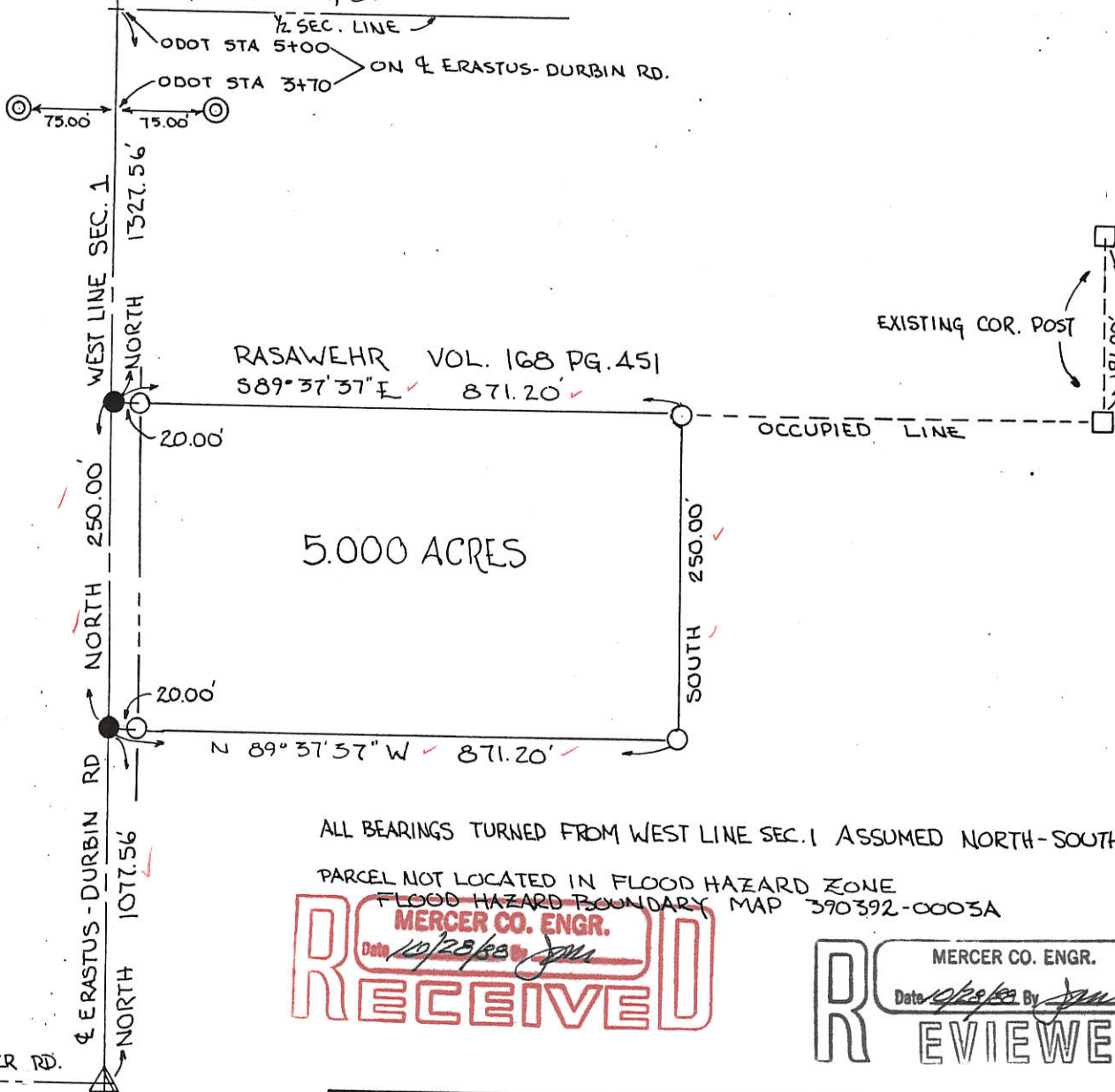
SCALE: 1" = 100'



LEGEND-

- ⊙ ODOT R/W MONUMENT FOUND
- △ COUNTY STONE REFERENCE
- RAILROAD SPIKE SET
- 3/8" ⌀ IRON PIN SET
- EXISTING COR. POST

SEC. 1, T6S, R1E  
 WASHINGTON TWP., MERCER CO., O.



ALL BEARINGS TURNED FROM WEST LINE SEC. 1 ASSUMED NORTH-SOUTH-

PARCEL NOT LOCATED IN FLOOD HAZARD ZONE  
 FLOOD HAZARD BOUNDARY MAP 390392-0003A

**RECEIVED**  
 MERCER CO. ENGR.  
 Date 10/28/88 By [Signature]

**REVIEWED**  
 MERCER CO. ENGR.  
 Date 10/28/88 By [Signature]

PLAT BY SURVEY OCT. 1988

[Signature]  
 ROY F. THOMPSON JR. REG. SUR# 5379



PERMANENT PARCEL No.	-----	
Part of:	SW 1/4 Sec. 1 T6S R1E WASHINGTON Township	
Grantor:	GREELEY	Area Retained: 45.00 Acres
Grantee:	KITTLE	Area Transferred: 5.000 Acres
Deed References:	VOL 254 PG 488, VOL 304 PG. 155	
APPROVALS:	Board of Health	County Sanitary Engineer
AGENCY:		County Engineer
DATE:		

FILED IN SURVEY BOOK

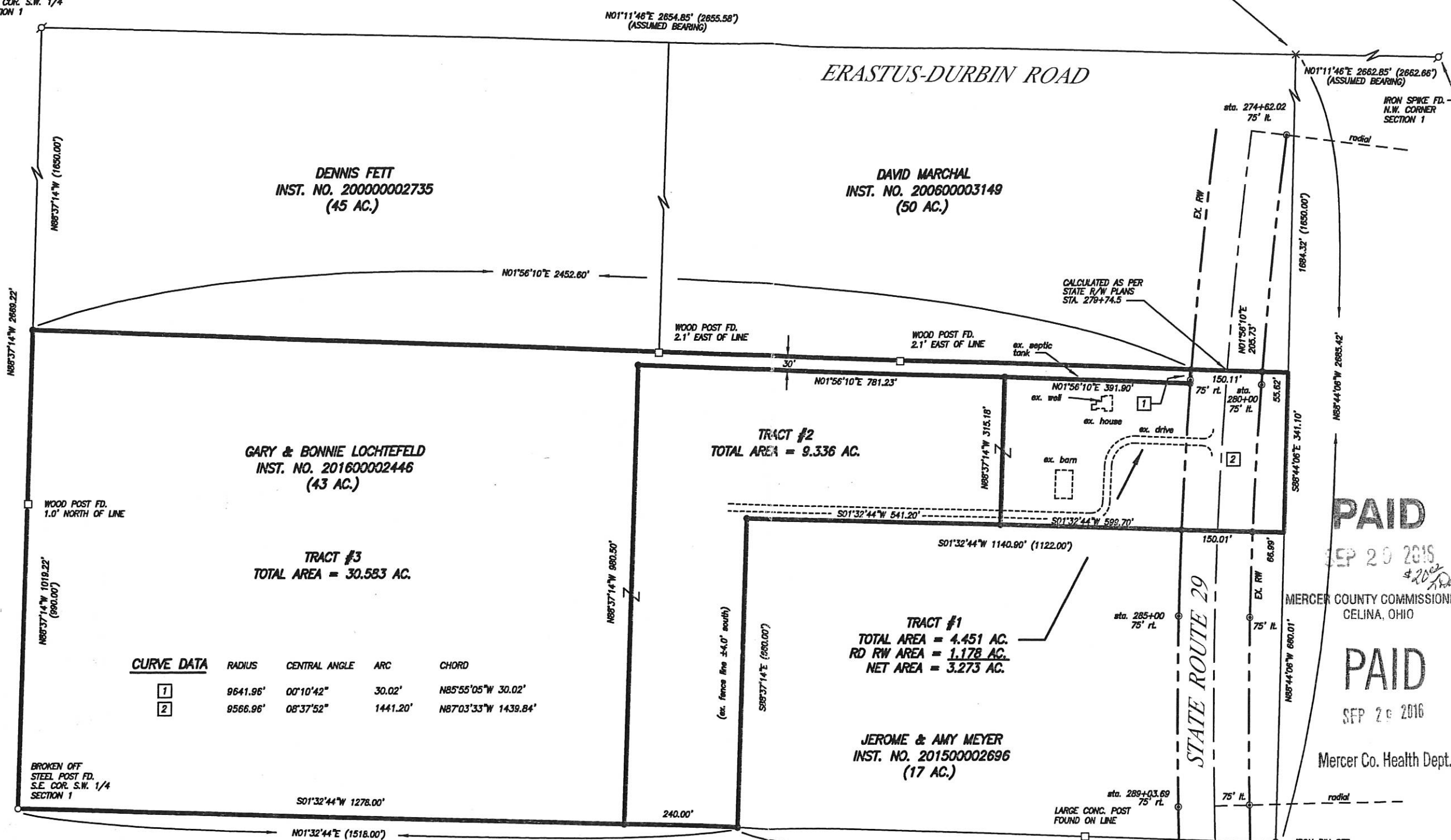
0701300002

1 SECTION 6 S TOWNSHIP 1 E RANGE WASHINGTON CIVIL TOWNSHIP MERCER COUNTY



IRON SPIKE FD.  
S.W. COR. S.W. 1/4  
SECTION 1

CALCULATED POINT  
FROM EX. RW MONS.  
STA. 5+00 ODOT RW PLANS  
N.W. COR. S.W. 1/4  
SECTION 1

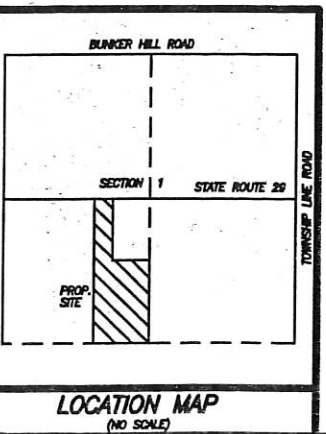


CURVE DATA	RADIUS	CENTRAL ANGLE	ARC	CHORD
1	9641.96'	00°10'42"	30.02'	N85°55'05"W 30.02'
2	9566.96'	08°37'52"	1441.20'	N87°03'33"W 1439.84'

PAID  
SEP 29 2016

PAID  
SEP 29 2016

MERCER COUNTY COMMISSIONERS  
CELINA, OHIO  
Mercer Co. Health Dept.



- LEGEND**
- IRON PIN SET (#5 REBAR ±30" LONG W/ SURVEYORS CAP)
  - ⊕ IRON SPIKE SET
  - ⊗ P.K. NAIL SET
  - IRON PIN FOUND
  - ⊙ RW MON FOUND
  - ⊘ IRON SPIKE FOUND
  - ⊗ P.K. NAIL FOUND
  - CORNER POST FD.
  - ( ) CALLED DIMENSION

- SURVEY REFERENCE**
- 1) ST. RT. 29 ODOT RW PLANS, 1955.
  - 2) SURVEY BY JAMES GEESLIN, SECTION 2.

*Kevin C. Eichler* 9-27-16  
MERCER COUNTY ENGINEER DATE:  
*James M. Geeslin* 9-29-16  
MERCER COUNTY HEALTH DEPARTMENT DATE:  
WASHINGTON TOWNSHIP ZONING INSPECTOR DATE:

STATE OF OHIO  
LOUIS J. BERGMAN  
7177  
REGISTERED SURVEYOR  
SURVEYED BY: *Louis J. Bergman*  
LOUIS J. BERGMAN  
REGISTERED SURVEYOR 7177  
9-12-16

**MOTE & ASSOCIATES, INC.**  
ENGINEERS - LAND SURVEYORS  
214 WEST 4th STREET  
GREENVILLE, OHIO 45331  
PHONE: (937) 546-7511  
FAX: (937) 546-7484  
E-MAIL: info@moteandassociatesinc.com  
WEBSITE: www.moteandassociatesinc.com

**SURVEY OF THREE TRACTS SECTION 1**  
**GARY LOCHTEFELD**  
OHIO  
MERCER COUNTY

REVISIONS:  
DATE: 9-12-16  
DRAWN: L.J.B.  
CHECKED: J.L.M.  
JOB NO.  
MC16053016  
DRAWING NO.  
1C2607

\*Because the sewage system replacement area is located on Tract #2, the two tracts must be combined in the event that replacement of the existing system becomes necessary.

*Louis J. Bergman*

07-C (01)

SECTION 2 T.6 S. - R.1 E.

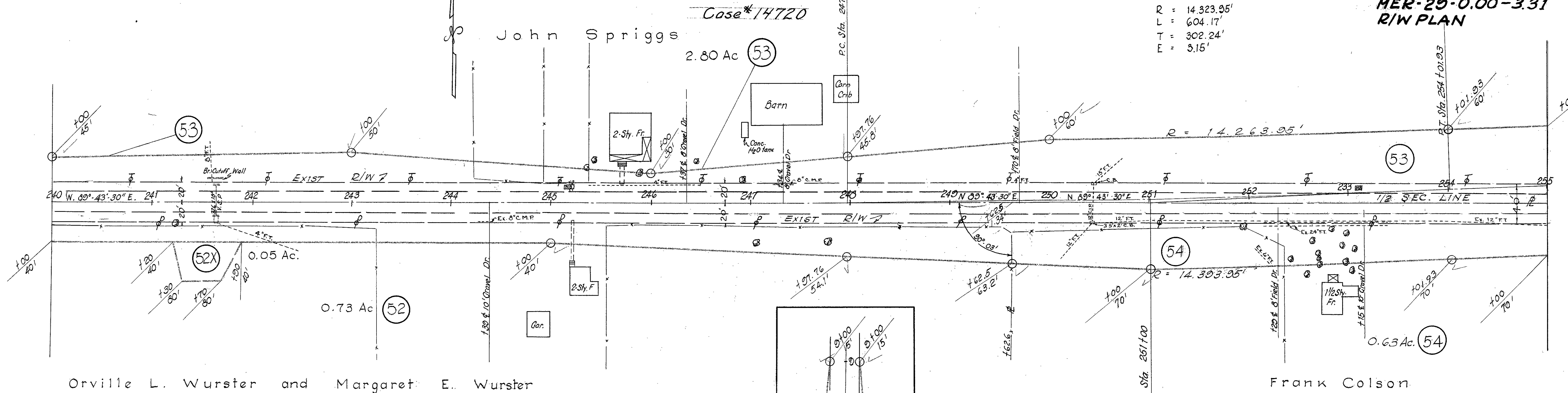
WASHINGTON TOWNSHIP

CURVE DATA

P.I. Sta. 251+00  
Δ = 2° 25' Lt.  
D = 0° 24'  
R = 14,323.95'  
L = 604.17'  
T = 302.24'  
E = 3.15'

FED. RD. DIVISION 2 OHIO PROJECT  
**MERCER COUNTY**  
**MER-29-0.00-3.31**  
**R/W PLAN**

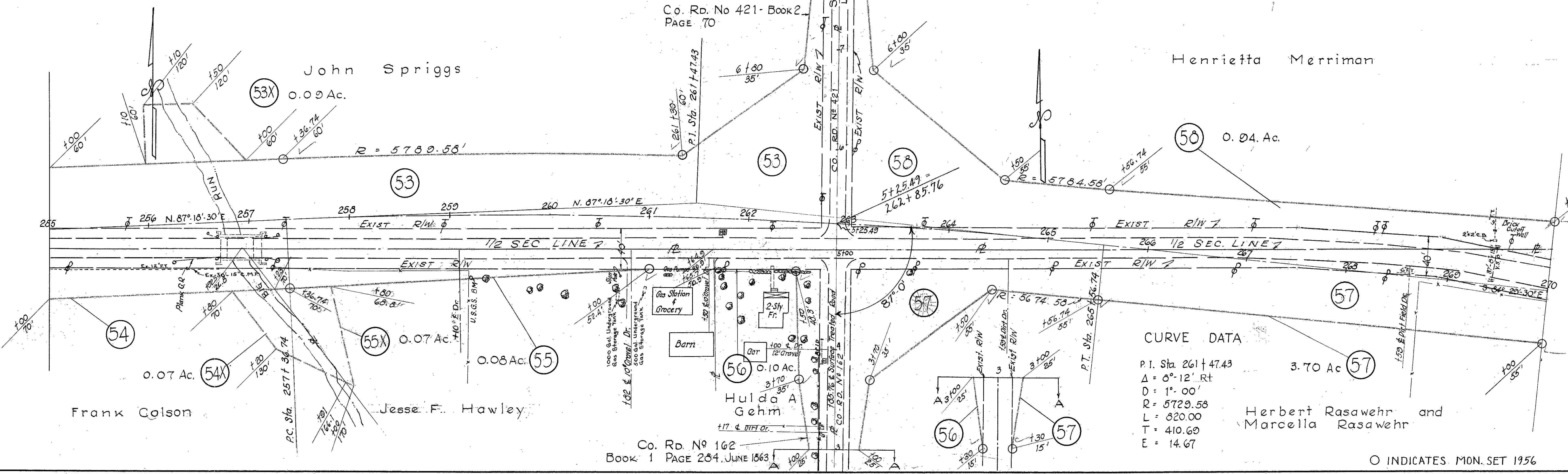
9  
11



SECTION 2 - T.6 S. - R.1 E

SECTION 1 - T.6 S. R.1 E

Co. Rd. No 421-Book 2  
PAGE 70



CURVE DATA

P.I. Sta. 261+47.43  
Δ = 0° 12' Rt  
D = 1° 00'  
R = 5729.58  
L = 820.00  
T = 410.69  
E = 14.67

O INDICATES MON. SET 1956

RIGHT OF WAY STA. 240+00 TO STA. 270+00

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

10  
11

SECTION 1-T6S-R1E

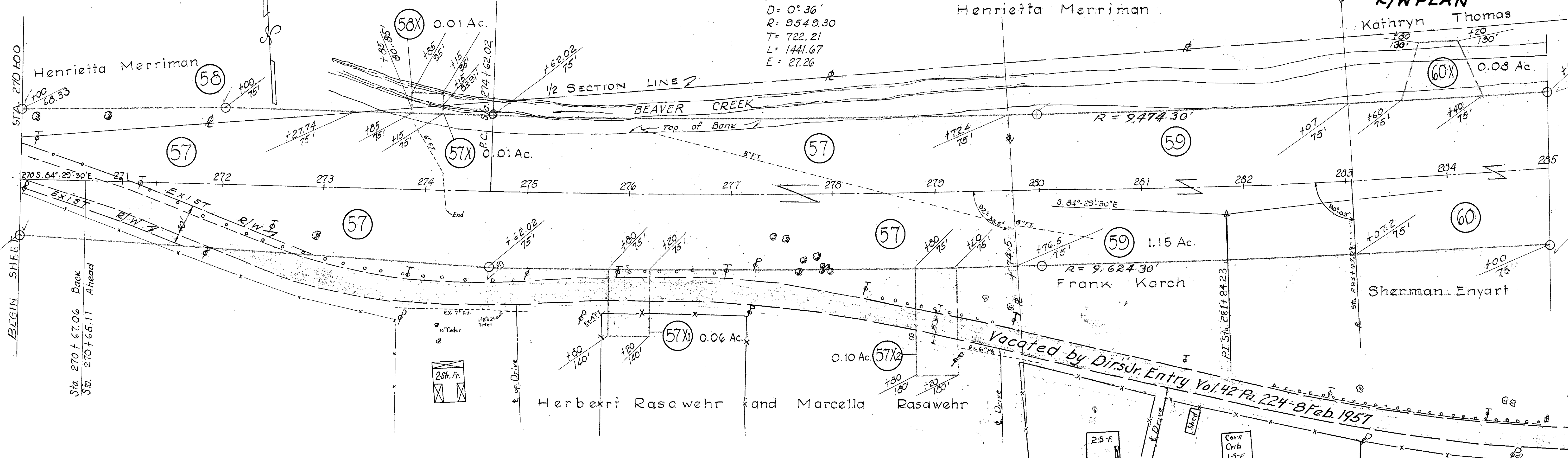
CURVE DATA

WASHINGTON TOWNSHIP

PI Sta. 201+04.23  
 $\Delta = 8^{\circ} 30' L.$   
 $D = 0^{\circ} 36'$   
 $R = 9549.30$   
 $T = 722.21$   
 $L = 1441.67$   
 $E = 27.26$

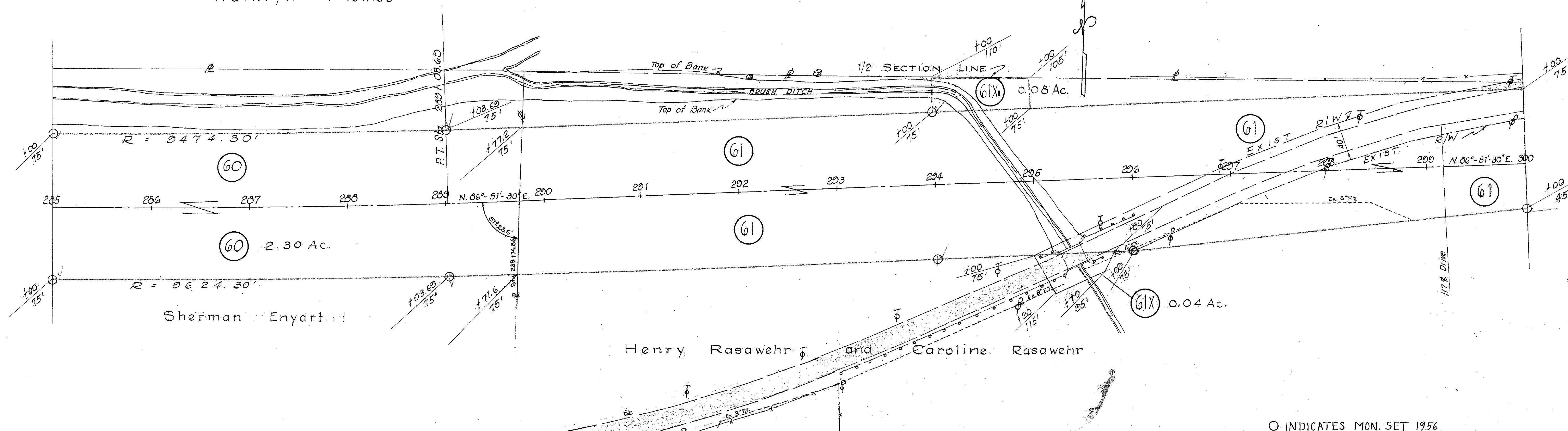
MERCER COUNTY  
 MER-29-0.00-3.31  
 R/W PLAN

Kathryn Thomas  
 Sherman Enyart



SECTION 1 T6S. R1E.

Kathryn Thomas



○ INDICATES MON. SET 1956

RIGHT OF WAY STA. 270+00 TO STA. 300+00

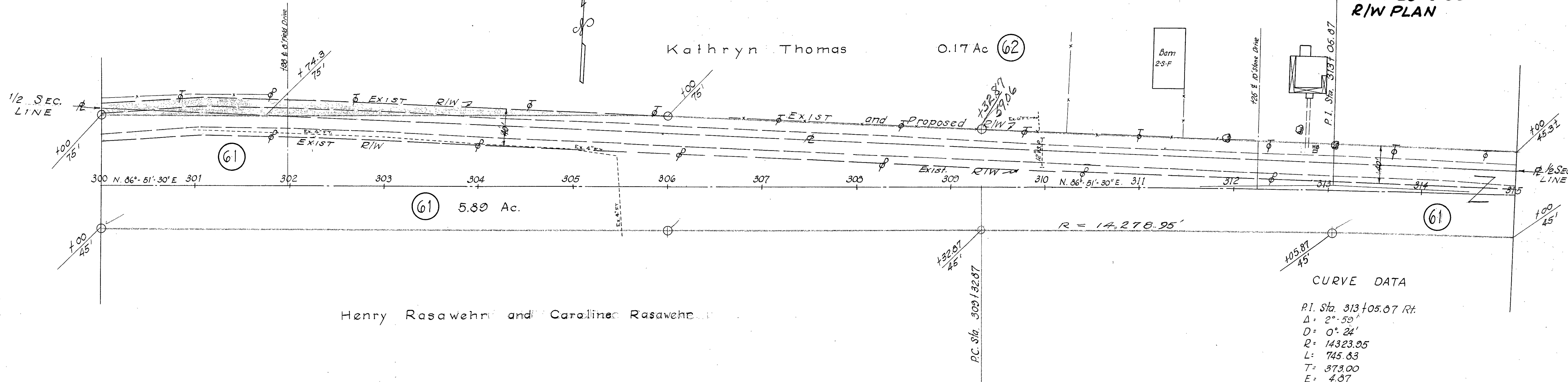
SECTION 1 - T. 6 S. R. 1 E.

WASHINGTON TOWNSHIP

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

11
11

MERCER COUNTY  
MER-29-0.00-331  
R/W PLAN

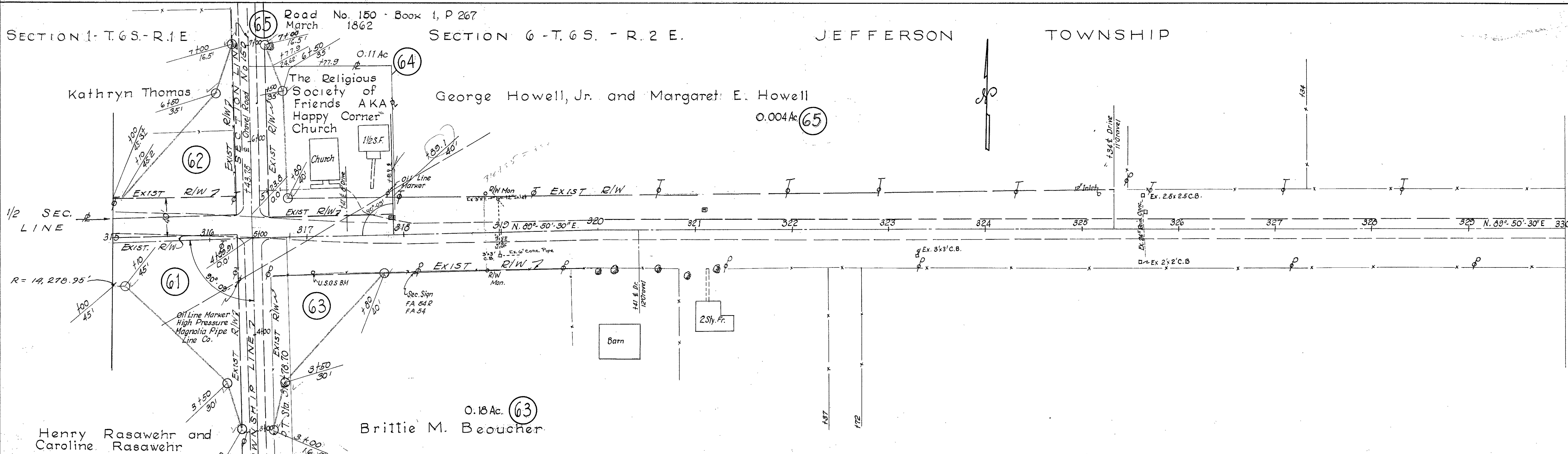


CURVE DATA  
P.I. Sta. 313+05.87 Rt.  
Δ = 2°-50'  
D = 0°-22'  
R = 14323.95  
L = 745.83  
T = 373.00  
E = 4.87

SECTION 1 - T. 6 S. - R. 1 E.

SECTION 6 - T. 6 S. - R. 2 E.

JEFFERSON TOWNSHIP



© INDICATES MON. SET 1956

RIGHT OF WAY STA 300+00 TO STA 330+00

# MERCER COUNTY ENGINEER

## MER CR51A-9.99

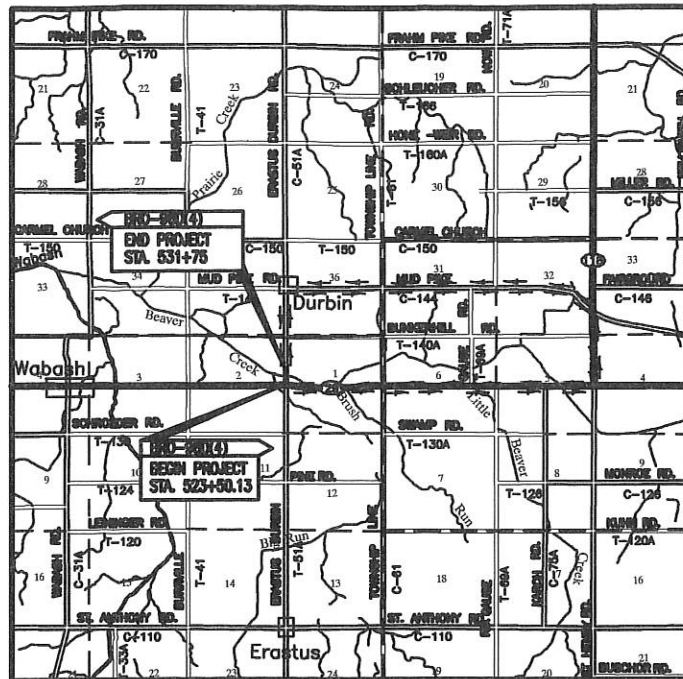
### PROJECT DESCRIPTION

REPLACEMENT OF EXISTING BRIDGE WITH APPROACH  
PAVEMENT RECONSTRUCTION. PROJECT LENGTH IS 0.16 MI.

### ERASTUS DURBIN ROAD OVER BEAVER CREEK LIBERTY TOWNSHIP MERCER COUNTY

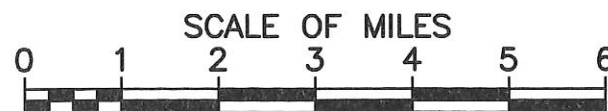
### 1997 SPECIFICATIONS

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



#### LOCATION/DETOUR MAP

LATITUDE: N 40° 32' 48" LONGITUDE: W 84° 42' 30"



#### LEGEND

PORTIONS TO BE IMPROVED	COUNTY C-30	ROADS
UNITED STATES ROUTE	TOWNSHIP T-30	ROADS
STATE ROUTE	STATE BOUNDARY	
DETOUR	RAILROAD	
	MUNICIPAL & SUB DIVISION STREETS	

#### DESIGN DESIGNATION

CURRENT ADT (1998)	340
DESIGN YEAR ADT (2018)	480
DESIGN HOURLY VOLUME (2018)	10
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	2%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH

DESIGN FUNCTIONAL CLASSIFICATION - LOCAL

#### DESIGN EXCEPTIONS

NONE

**UNDERGROUND UTILITIES**  
2 WORKING DAYS  
BEFORE YOU DIG  
CALL 1-800-362-2764 (Toll free)  
OHIO UTILITIES  
PROTECTION SERVICE  
NON - MEMBERS  
MUST BE CALLED DIRECTLY

PLANS PREPARED BY: THE MERCER  
COUNTY ENGINEER'S OFFICE  
321 RILEY STREET  
ROY F. THOMPSON JR. P.E., P.S.  
COUNTY ENGINEER



#### INDEX OF SHEETS

TITLE SHEET	1
TYPICAL SECTION	2
GENERAL NOTES/ ROADWAY QUANTITIES	3
CALCULATIONS/ MISC DETAILS	4
PLAN & PROFILE/ RIGHT-OF-WAY	5-7
ROADWAY CROSS SECTION SHEETS	8-10
BRIDGE NOTES/ BRIDGE QUANTITIES	11
ABUTMENT DETAILS	12
SUPERSTRUCTURE DETAILS	13

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	2-21-92				Army Corps NWP#3 12-17-99
BP-4.1	2-21-92				
GR-1.1	5-6-91		MT-101.60 7-1-92		
GR-1.2	10-30-92		MT-105.10 7-1-92		
GR-2.1	5-6-91		MT-105.11 7-1-92		
GR-3.4	5-6-91				
			DBP-1-92 3-23-92		
GR-4.2	5-6-91	TC-41.20 6-21-94	DBR-2-73 4-10-73		
		TC-42.20 3-26-79	DS-1-92 4-5-93		
		TC-52.10 4-3-99	PSBD-1-93 2-4-94		
		TC-52.20 4-3-79			

APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ MERCER COUNTY ENGINEER



FEDERAL PROJECT NO.

PID NO.

20275

CONSTRUCTION PROJECT NO.

MER CR51A-9.99

RAILROAD INVOLVEMENT

NONE

MER-CR51A-9.99

1/13

07-C(1)

**PIPE SCHEDULE**

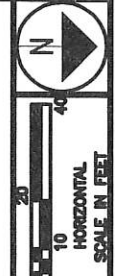
Pipe	Length	Sta.	Offset	FL
1-D	66'	526+81.9	36.7' Lt.	851.00
		527+47.2	26.7' Rt.	850.80
2-D	60'	526+78.3	37.2' Rt.	850.70
		527+42.5	27.1' Rt.	850.50
3-D	70'	528+17.7	26.0' Lt.	849.55
		528+86.5	39.2' Lt.	849.75
4-D	72'	528+14.3	26.2' Rt.	848.44
		528+84.5	42.6' Rt.	848.64

**PROPOSED BRIDGE DATA**

TYPE: PRESTRESSED CONCRETE BOX BEAMS ON  
 CAPPED PILE ABUTMENTS.  
 SPAN: 1 @ 82.5' c/c BEARINGS  
 SKEW: 5' L.F.  
 ROADWAY: 28' + fit-up f/f GUARDRAIL & o/o DECK  
 LOADING: HS20-44 & ALTERNATE MILITARY LOADING  
 WEARING SURFACE: 2 1/2" MIN ASPHALT CONCRETE  
 APPROACH SLABS: NONE  
 ALIGNMENT: TANGENT  
 CROWN: 0.016  
 BRIDGE COORDINATES: 40°-32'-48" LAT. 84°-42'-30" LONG  
 HYDRAULIC DESIGN YEAR FREQUENCY: 10 yr.  
 DESIGN AVERAGE DAILY TRAFFIC: 340 (1998)  
 DESIGN AVERAGE DAILY TRUCK TRAFFIC: 480 (2018)

**EXISTING BRIDGE DATA**

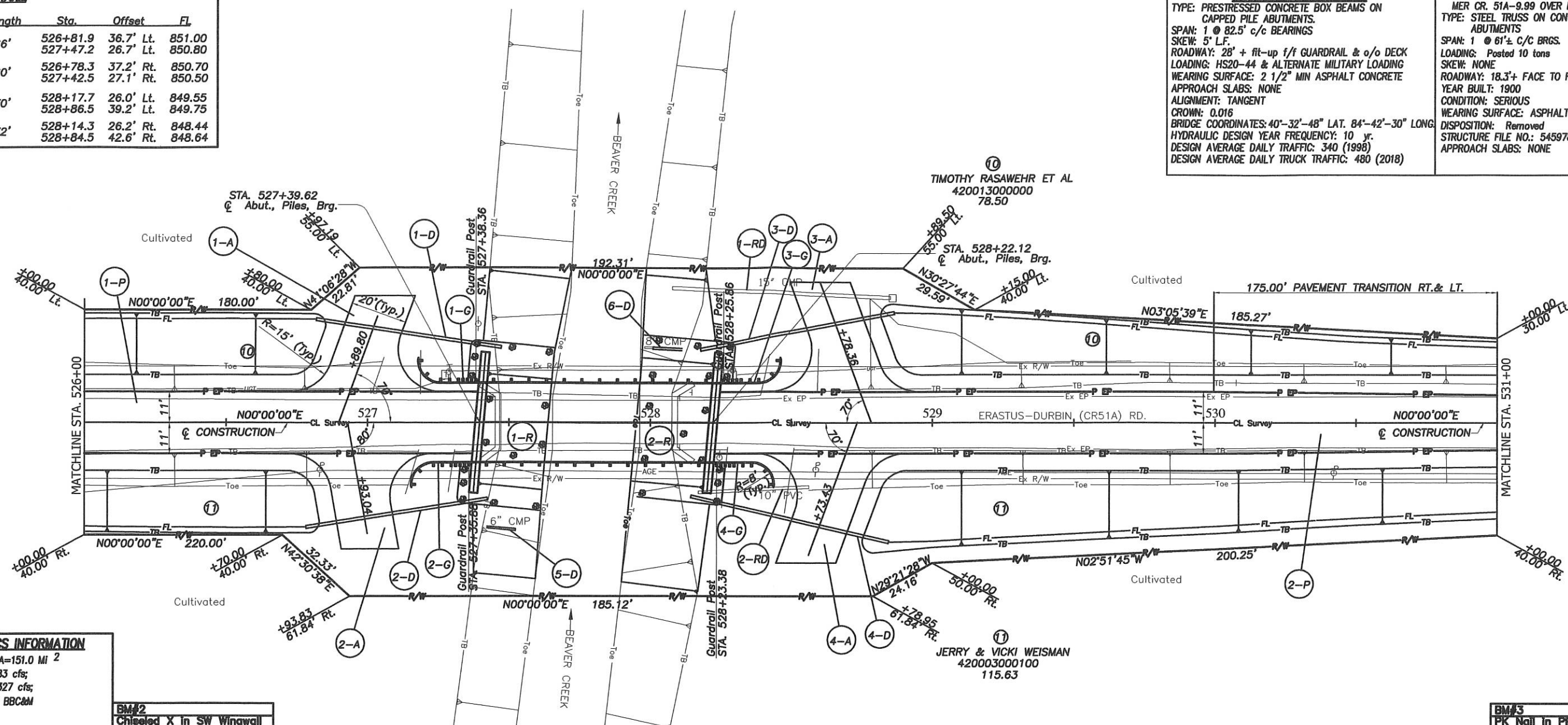
MER CR. 51A-9.99 OVER BEAVER CREEK  
 TYPE: STEEL TRUSS ON CONCRETE  
 ABUTMENTS  
 SPAN: 1 @ 61± C/C BRGS.  
 LOADING: Posted 10 tons  
 SKEW: NONE  
 ROADWAY: 18.3' + FACE TO FACE DECK  
 YEAR BUILT: 1900  
 CONDITION: SERIOUS  
 WEARING SURFACE: ASPHALT CONCRETE  
 DISPOSITION: Removed  
 STRUCTURE FILE NO.: 5459788  
 APPROACH SLABS: NONE



CALCULATED  
 JAW  
 CHECKED

PLAN AND PROFILE - CR 51A-9.99  
 STA. 526+00 TO STA. 531+00

MER-CR51A-9.99

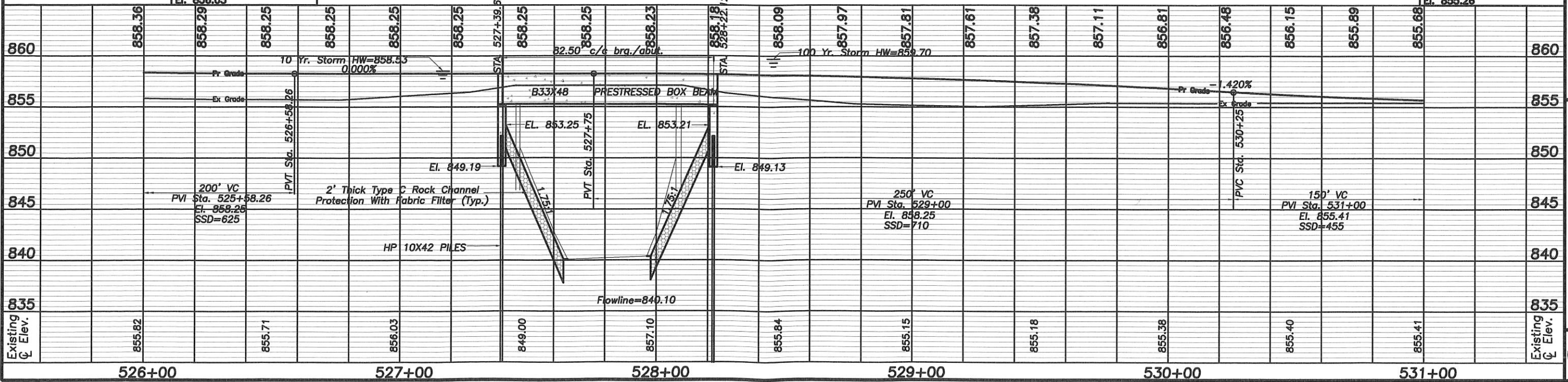


**HYDRAULICS INFORMATION**

DRAINAGE AREA=151.0 MI<sup>2</sup>  
 Est. Q(10)=4683 cfs;  
 Est. Q(100)=7327 cfs;  
 From study by BBC&M

**BM#2**  
 Chiseled X in SW Wingwall  
 Existing Bridge  
 El. 856.03

**BM#3**  
 PK Nail in PP--240' North  
 of Existing Bridge E. Side  
 El. 855.26

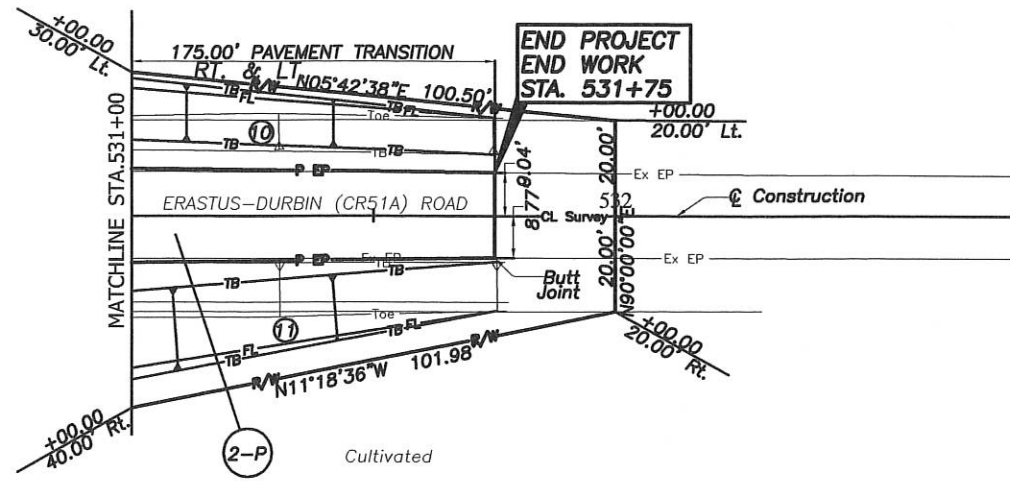


# CENTERLINE SURVEY PLAT



⑩  
TIMOTHY RASAWEHR ET AL  
420013000000  
78.50

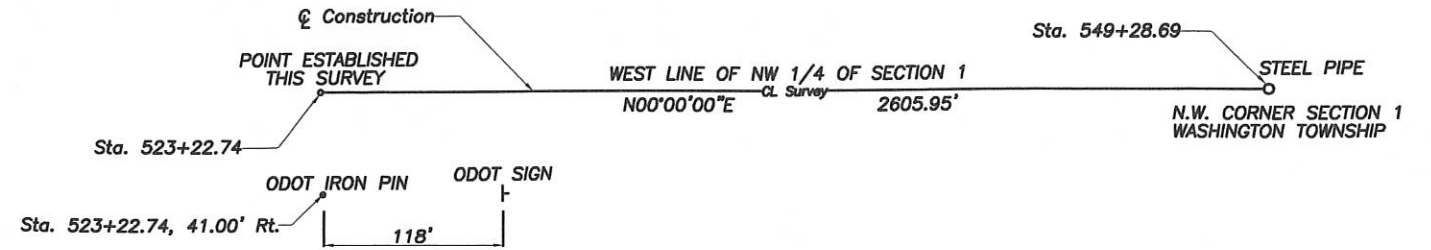
Cultivated



2-P

Cultivated

⑪  
JERRY & VICKI WEISMAN  
420003000100  
115.63



CALCULATED  
JAW  
CHECKED

PLAN AND PROFILE - CR 51A-9.99  
STA. 531+00 TO STA. 531+75

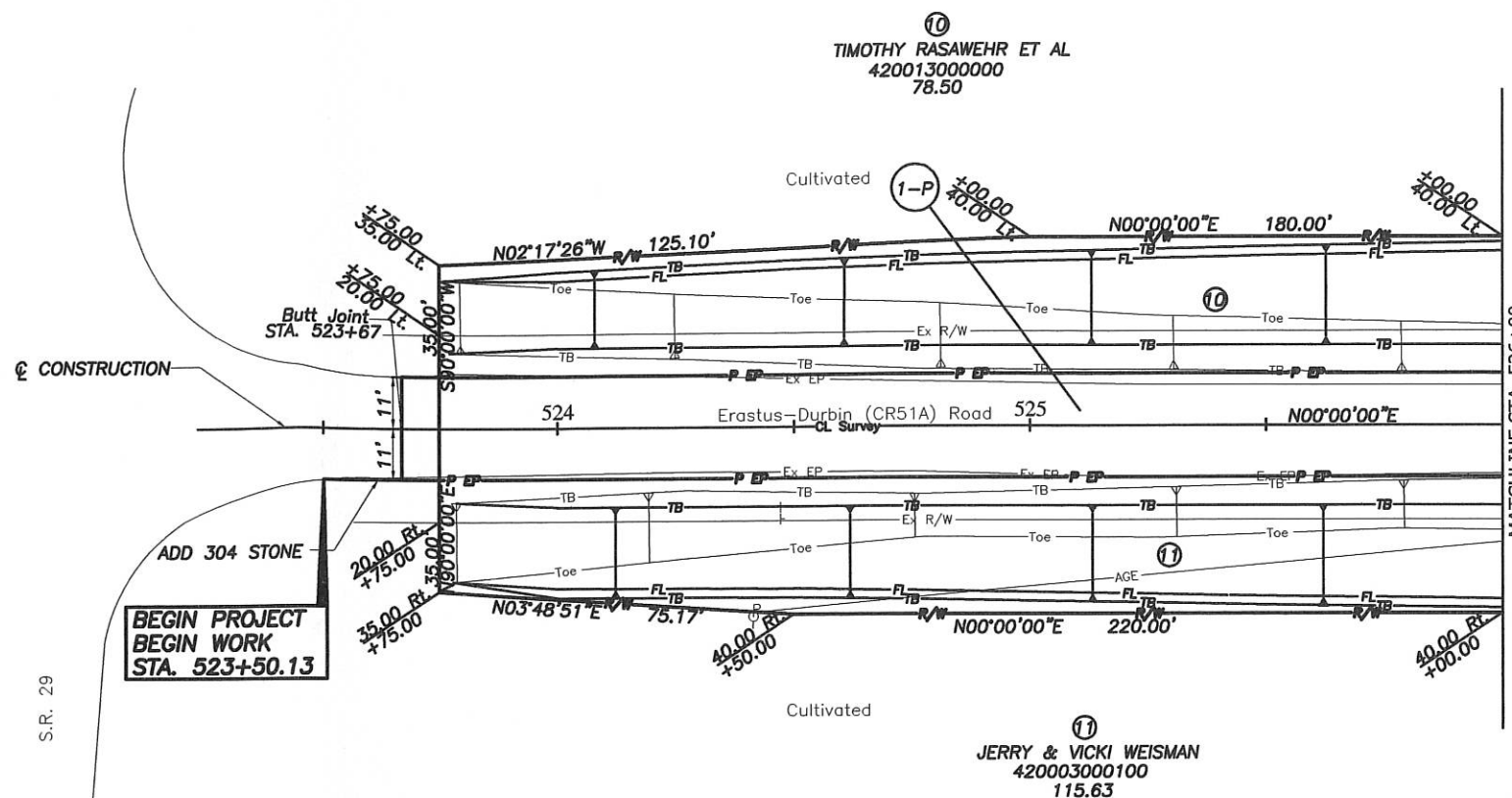
860	855.68	855.53	855.44	855.41																860
855		150' VC PVI Sta = 531+00 El. 855.41 SSD = 455' Pr. Grade			0.00% Ex. Grade															855
850																				850
845																				845
840																				840
835																				835
Existing Elev. CL	855.41																			Existing Elev. CL
	531+00	532+00	533+00	534+00																

MER-CR51A-9.99

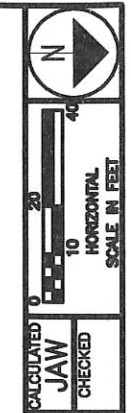
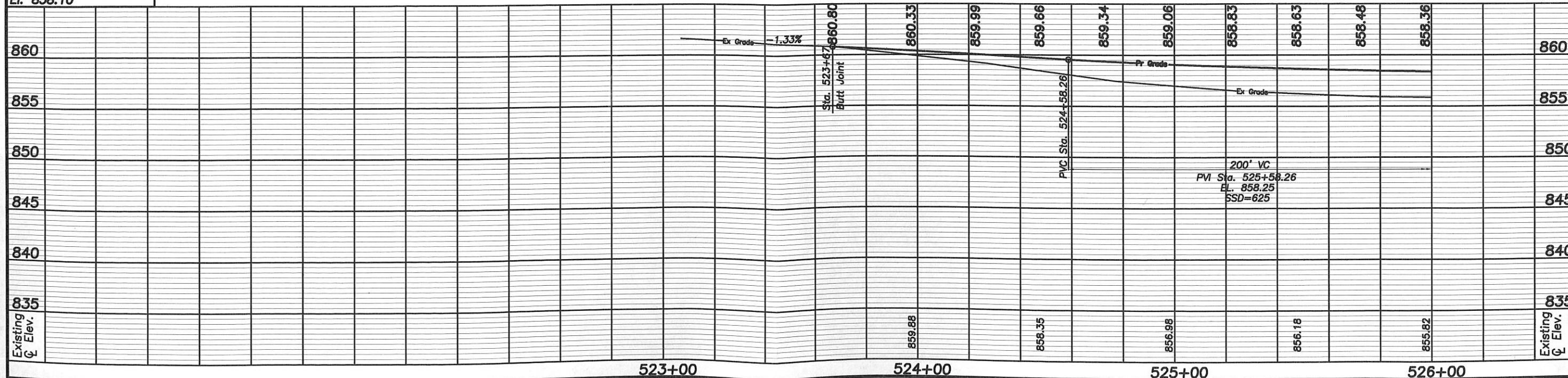


SUMMARY OF ADDITIONAL RIGHT OF WAY

PARCEL NO.	OWNER'S NAME	AUD. PARCEL NO.	RECORD AREA	GROSS	P.R.O.	NET
10	TIMOTHY RASAWEHR ET AL	42001300000	78.50	0.769	0.379	0.390
11	JERRY & VICKI WEISMAN	420003000100	115.63	0.860	0.379	0.481



BM #3  
PK Nail in PP  
East of Int. of SR 29  
& CR51A- N. side Rd.  
El. 858.10



CALCULATED  
JAW  
CHECKED

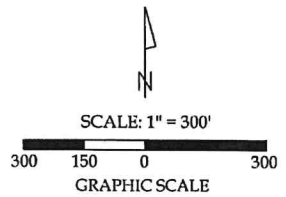
PLAN AND PROFILE - CR 51A-9.99  
STA. 523+67 TO STA. 526+00

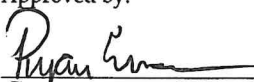
MER-CR51A-9.99

07-01-300-005, -008

Survey of Parcel #42-000900.0000 and being a part of the SW 1/4 of Section 1, Town 6 South, Range 1 East, Washington Township, Mercer County, Ohio.

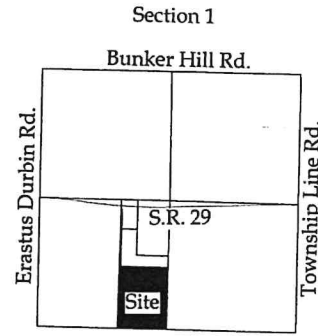
(Prior Deed Referenced in Instrument #201600002446)



Approved by:  
  
 Washington Twp. Zoning Inspector

Surveys Referenced

- Mote & Assoc. 9/2016
- State Route 29 R/W Plans (1955)
- Thomas Steinke & Assoc. (July 1981)



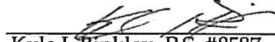
Curve Data


- (C - 1)  
 Radius = 9641.96'  
 Arc Length = 15.01'  
 Chord Distance = 15.01'  
 Chord Bearing = S 85°-52'-07" E
- (C - 2)  
 Radius = 9641.96'  
 Arc Length = 15.01'  
 Chord Distance = 15.01'  
 Chord Bearing = S 85°-57'-29" E



- Legend
- A = #5 Rebar set at the SE corner of the SW 1/4 of Section 1, as re-established based on Mote & Assoc. Survey of the Mercer County Tax Map Office
  - B = Existing Railroad Spike at the SW corner of Section 1
  - D = Existing Railroad Spike at the NE corner of Section 1
  - E = Existing Railroad Spike at the SW corner of Section 6, T 6 S, R 2 E, Jefferson Twp.
  - F = Existing ODOT Concrete Monument
  - G = Existing Wood Post
  - H = Existing #5 Rebar
  - I = Set #5 Rebar

This plat and the accompanying legal descriptions represent an actual boundary survey completed under my direct supervision on October 16, 2020.

  
 Kyle J. Binkley, P.S. #8587

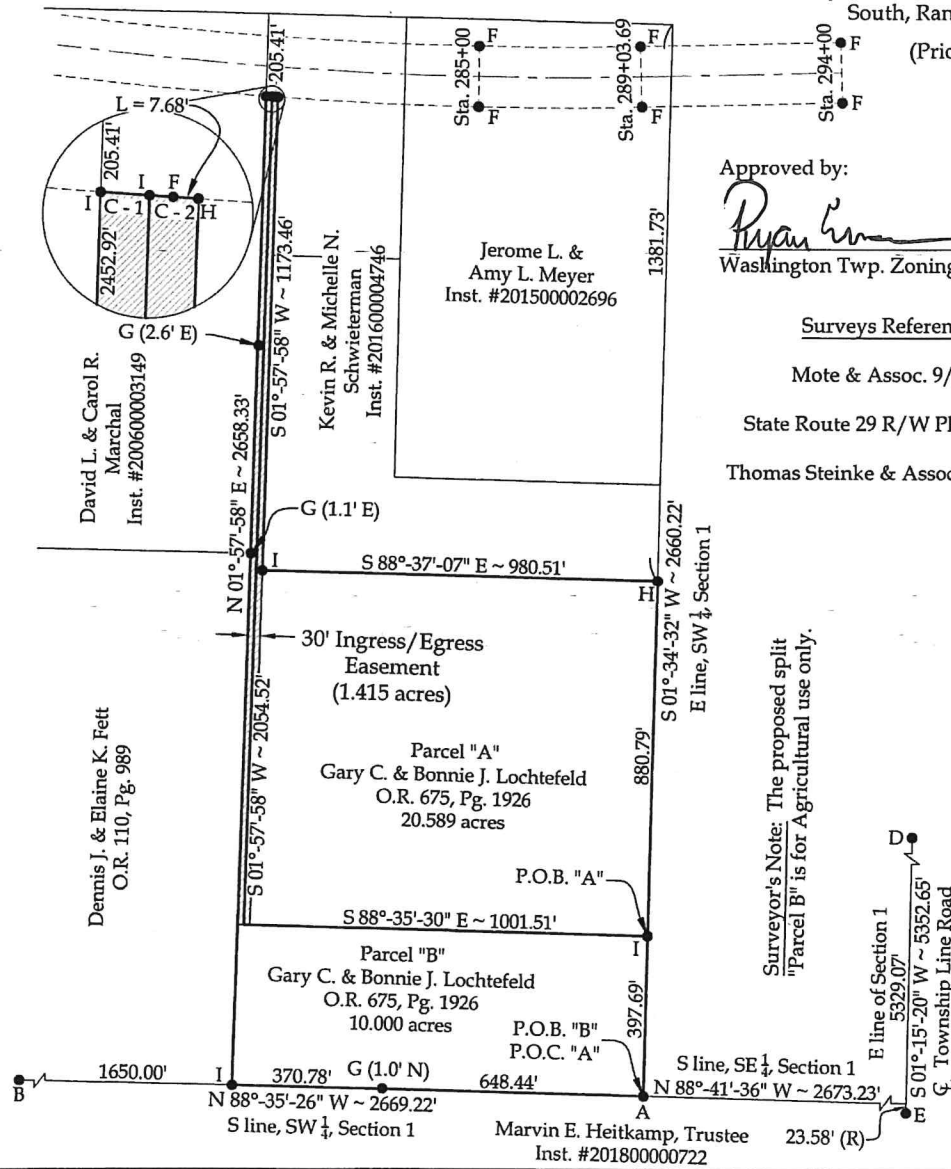


121 W. Auglaize Street  
 Wapakoneta, Ohio 45895  
 (419) 236-3768

CLIENT: Gary C. Lochtefeld

SURVEYED BY: T.E.W./T.J.S.	DATE: 10-16-2020	DRAWN BY: K.J.B.	CHECKED BY: K.J.B.
SCALE: 1" = 300'	PAGE 1	OF 1	PAGES 4

Surveyor's Note: The proposed split "Parcel B" is for Agricultural use only.



 - 30' Ingress/Egress Easement

NOTE: All distances on this plat are measured unless otherwise noted.

BASIS OF BEARINGS: The system of bearings for this plat and legal description is based on the Ohio State Plane - North Coordinate System NAD 83 (2011). Based on the E line of Section 1 (centerline of Township Road) bearing S 01°-09'-00" W per the Mercer County Local Coordinate Datum.