

## 87161 BEL 7 913 monuments

<b>POINT NAME</b>	<b>NORTHING</b>	<b>EASTING</b>	<b>ELEVATION</b>	<b>FEATURE CODE</b>	<b>STATION</b>	<b>OFFSET</b>
C700	705040.845	2457030.592	685.517	CMON	475+23.41	39.1292
C701	705503.484	2456800.003	685.917	CMON	480+40.06	39.5575
C702	705949.383	2456576.017	688.365	CMON	485+39.06	38.5405
C703	706197.12	2456452.473	689.53	CMON	488+16.15	38.6529
S600	705110.66	2456995.836	684.818	CMON	476+01.13	39.1188
S601	705879.765	2456611.322	687.692	CMON	484+61.00	38.9982
S602	706127.821	2456487.323	689.181	CMON	487+38.32	38.9742
S607	705432.123	2456836.808	685.17	CMON	479+59.78	40.5778

**PRE-CAST INLETS**

Before ordering precast inlet tops or troughs, the Contractor shall field verify all pertinent dimensions.

**ITEM 604, INLET RECONSTRUCTED TO GRADE, AS PER PLAN**

Where this item is specified in the plans, the Contractor shall carefully remove the existing inlet upper box and reconstruct the walls of the lower box as shown on sheet no. 29. The 6 1/2 inch thickness shown on the detail is only approximate. The actual thickness required to raise the walls shall be determined by the Engineer at the time of construction. If, in the opinion of the Engineer, reconstruction reveals excessive wall failure, the existing walls shall be removed and rebuilt to the depth specified by the Engineer.

After the walls of the inlet basin have been reconstructed, the Contractor shall install a new I-3C Type A inlet top and trough in accordance with Standard Drawing I-2.2M. The inlet top shall be provided with left and right side openings. The Contractor shall field verify the existing inlet basin size and manufacture the new trough to fit the existing inlet basin.

The cost to remove the existing median inlet top, reconstruct the inlet basin to grade, provide new I-3C Type A inlet top, trough, incidental materials, labor and equipment needed to complete this work shall be included in the unit price bid for Item 604 - Inlet Reconstructed To Grade, As Per Plan.

**ITEM 604, INLET NO. 2-6, AS PER PLAN**

This item of work shall consist of constructing a new inlet top on the salvaged base portion of the existing inlet in accordance with limits and dimensions as shown on Standard Construction Drawing I-1-M. The top of the salvaged base shall be extended by the use of brick masonry to the proper elevation for sealing the trough portion of the inlet assembly. The new inlet top shall be adjusted to match the adjacent 4" concrete median.

The inlet top shall be provided with left and right side openings.

All material, labor and incidentals required to complete the work shall be included in the unit bid per each Item 604, Inlet No. 2-6, As Per Plan.

**REVIEW OF DRAINAGE FACILITIES**

Before any work is started on the project, and again before final acceptance by the State, representatives of the State and of the Contractor, along with local representatives, shall make an inspection of all existing sewers which are to remain in service, and which may be affected by the work. The condition of the existing conduits and their appurtenances shall be determined from field observations. Records of the inspection shall be kept in writing by the State.

All new conduits, inlets, catch basins, and manholes constructed as a part of the project shall be free of all foreign matter, and in a clean condition before the project will be accepted by the State.

All existing sewers inspected initially by the above mentioned parties shall be maintained and left in a condition reasonably comparable to that determined by the original inspection. Any change in the condition resulting from the Contractor's operations shall be corrected by the Contractor to the satisfaction of the Engineer.

Payment for all operations described above shall be included in the contract price for the pertinent 604 items.

**ITEM 202, RAISED PAVEMENT MARKER REMOVED FOR STORAGE, AS PER PLAN**

Existing raised pavement markers shall be removed per Section 202.071, except that the requirement to fill the depressions shall be waived. The following quantity has been carried to the General Summary to remove existing raised pavement markers:

Item 202, Raised Pavement Marker Removed for Storage, As Per Plan ----- 542 Each

**ITEM 621, RAISED PAVEMENT MARKER CASTING INSTALLATION ONLY**

This Item shall consist of installing a two-way plowable Raised Pavement Marker (RPM) casting furnished to the Contractor by the Ohio Department of Transportation. The casting will not be equipped with an attached Prismatic Retro-Reflector. The Contractor will be paid separately for the Prismatic Retro-Reflector to be attached to these castings. The RPM shall be installed as shown in Item 621. Prismatic Retro-Reflectors will be paid for separately as Item 621 Prismatic Reflector.

Payment for installing the ODOT furnished Raised Pavement Marker shall be included in the unit price bid of Each for Item 621 Raised Pavement Marker Casting Installation Only, As Per Plan, and shall include all material, equipment, labor and incidentals required to perform the above work.

All Raised Pavement Markers will be placed in accordance with Std. Dwg's: TC-65.10M, TC-65.11M and TC-65.12M.

**SEALING OF CONCRETE SURFACES (EPOXY-URETHANE):**

The following concrete surfaces shall be sealed :

- 1.) 32" Concrete Median Barrier including top of base to 6" from barrier.
- 2.) Concrete Median inlets, exterior surfaces.
- 3.) Existing 50" rockfall barrier including from the toe of barrier to 6" down from top on the back side of barrier.

The color of the urethane coating shall be Federal Color Standard No. 17778 (Neutral).

The following quantity has been carried to the General Summary for Item 512- Sealing Of Concrete Surfaces (Epoxy-Urethane) . . . . . 18,239 Sq. Yd.

**STATION MARKING IN CONCRETE BARRIER**

Centerline stationing shall be impressed in the "Green" concrete on both sides of the 32" concrete barrier.

The stationing shall be marked at even 50 feet stations in the format of XXX+XX.

Payment for the above shall be incidental to the cost of the pertinent Item 622, Concrete Barrier items.

**RAISED PAVEMENT MARKERS SUPPLIED BY ODOT**

All materials are to be Contractor furnished, except that the Ohio Department of Transportation shall supply to the Contractor Raised Pavement Marker materials in the quantities shown in the plan. Pay Items for ODOT supplied materials shall be shown as "Installation Only". The quantity and type of ODOT supplied materials are shown in the plan.

The Contractor will be informed at the pre-construction conference of the location in Columbus of the ODOT supplied materials. When specified, additional Raised Pavement Marker materials will be stored within the District for use on this project. The Contractor shall pick up ODOT supplied Raised Pavement Marker materials at the specified location(s) for transport to the work site or to the Contractor's storage facility. The District Construction Engineer will furnish an "authorization for pick up" form to the Contractor at the pre-construction conference. The Contractor shall notify the District and/or the parties listed on the authorization form (dependent on the storage locations of the materials) in writing at least five calendar days before pick up of ODOT supplied materials. He shall store them without damage or contamination with foreign matter. A deduction in the amount of the actual cost to ODOT shall be made for materials damaged by the Contractor or for castings received by the Contractor that were not installed, and were not returned to ODOT.

**ITEM SPECIAL, PIPE CLEANOUT**

This item of work shall consist of removing all foreign material, buildup and obstructions from the inside of existing pipe conduits.

The cleanout shall be accomplished by any method as approved by the Engineer. The Contractor shall dispose of all collected material and debris as per 203.05.

Payment for the above work shall be made at the contract price for Item Special, Linear Feet- Pipe Cleanout, and shall include the cost of all labor, tools, equipment, materials, and incidentals necessary to complete the work.

The following are estimated lengths and sizes of conduits to be cleaned. The total quantity has been carried to the General Summary.

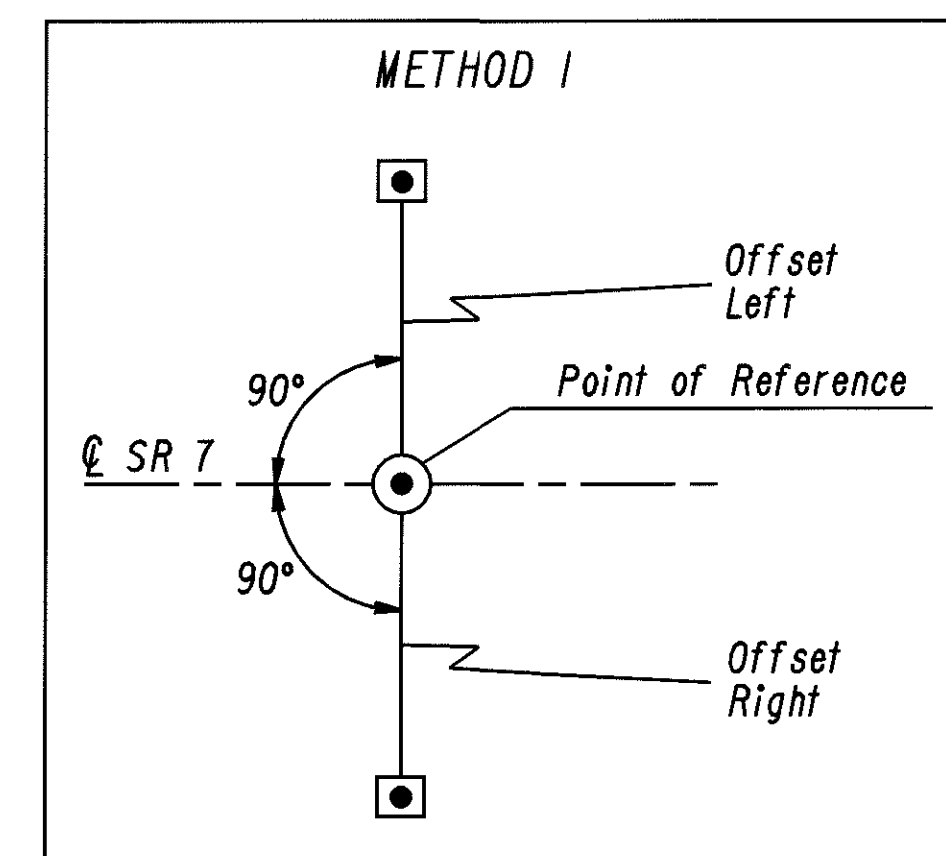
12" - 24"	24" - 30"	36"	42"	60"
3700 Lin. Ft.	908 Lin. Ft.	154 Lin. Ft.	200 Lin. Ft.	124 Lin. Ft.

Item Special, Pipe Cleanout . . . . . 5086 Lin. Ft.

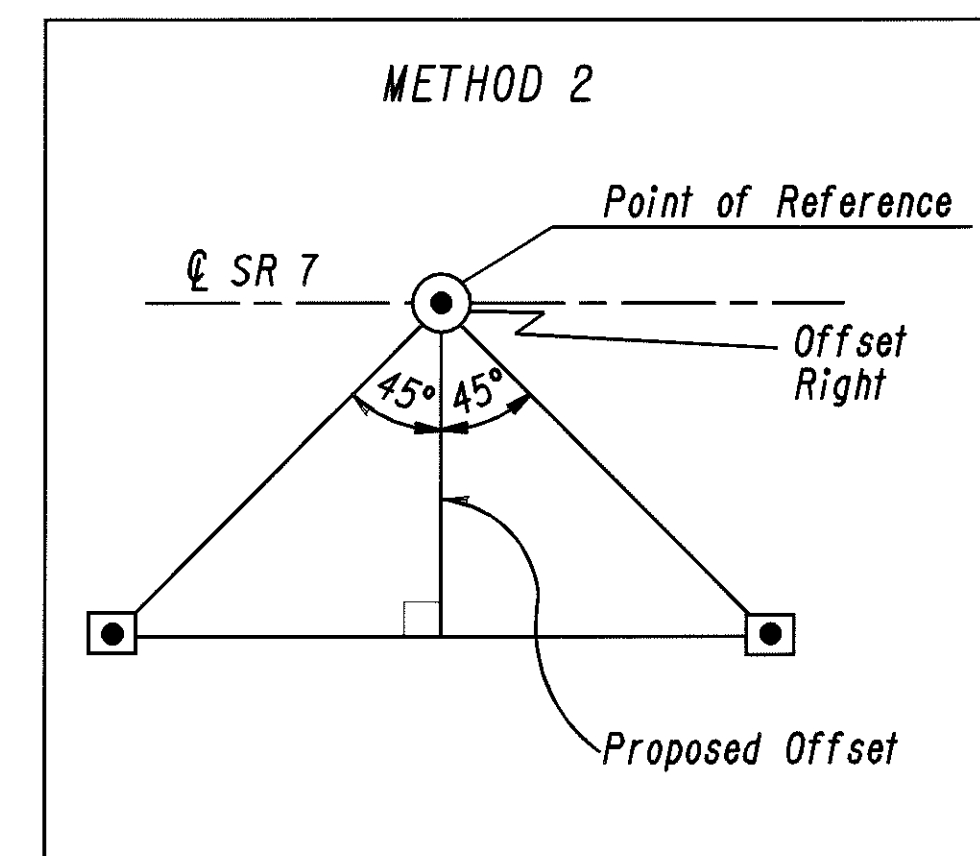
**ITEM 604, MONUMENT ASSEMBLIES**

Existing Centerline monument assemblies are located at the following locations in the existing concrete median of SR 7. The existing monument assemblies shall be replaced with new reference monuments at the proposed locations. Monuments shall be constructed in accordance with details as shown on Standard Construction Drawing RM-1.1. If during construction the Contractor has to set the monuments at offsets that differ from the plan, he must provide that information to the District Production office.

CENTERLINE MONUMENTS ASSEMBLIES					
	STATION	Proposed Offset Lin. Ft.		Method	Each
		LT.	RT.		
S.C.	464+01.98		40	2	2
P.O.C.	470+00		40	2	2
P.T.	475+62.15		39	2	2
P.O.T.	480+00		40	2	2
P.O.T.	485+00		39	2	2
P.C.	487+77.73		39	2	2
P.O.C.	490+00		40	2	2
P.O.C.	495+00		40	2	2
P.O.T.	510+00	45	40	1	2
P.O.T.	515+00	40	40	1	2
P.O.T.	520+00	40	40	1	2
P.C.	522+28.61	40	39	1	2
P.T.	527+34.50	40	40	1	2
P.O.T.	530+00		40	2	2
P.O.T.	535+00		40	2	2
P.O.T.	540+00	40	40	1	2
P.O.T.	545+00		40	2	2
P.O.T.	550+00		40	2	2
P.O.T.	555+00		40	2	2
P.O.T.	560+00		40	2	2
P.C.	562+59.20		40	2	2
P.O.C.	567+00		40	2	2
P.O.C.	573+00		40	2	2
P.O.C.	578+00		40	2	2
P.O.C.	583+00		40	2	2
P.O.C.	588+00		40	2	2
P.I.	594+02.08	40	40	1	2
P.O.T.	599+00	40	50	1	2
P.O.T.	604+00	65	65	1	2
T.S.	601+64.44	65	40	1	2
S.C.	611+64.44	40	40	1	2
P.O.C.	614+50	40	40	1	2
P.O.C.	620+00	40	40	1	2
C.S.	625+63.42	40	65	1	2
S.T.	629+63.42	55	55	1	2
<b>TOTAL CARRIED TO GENERAL SUMMARY</b>					<b>70</b>



Proposed Offset As Shown In Table Above



Proposed Offset As Shown In Table Above

CALCULATED GDM CHECKED RDA  
 GENERAL NOTES  
 BEL-7-8.70  
 7  
 39

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS

F 534 -(II)

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	F-534-(II)

BEL - 7 - 8.68

LIMITED ACCESS

This improvement is especially designed for through traffic and has been declared a limited access highway or freeway by action of the Director of Highways in accordance with the provisions of Section 5511.02 of the Revised Code of Ohio.

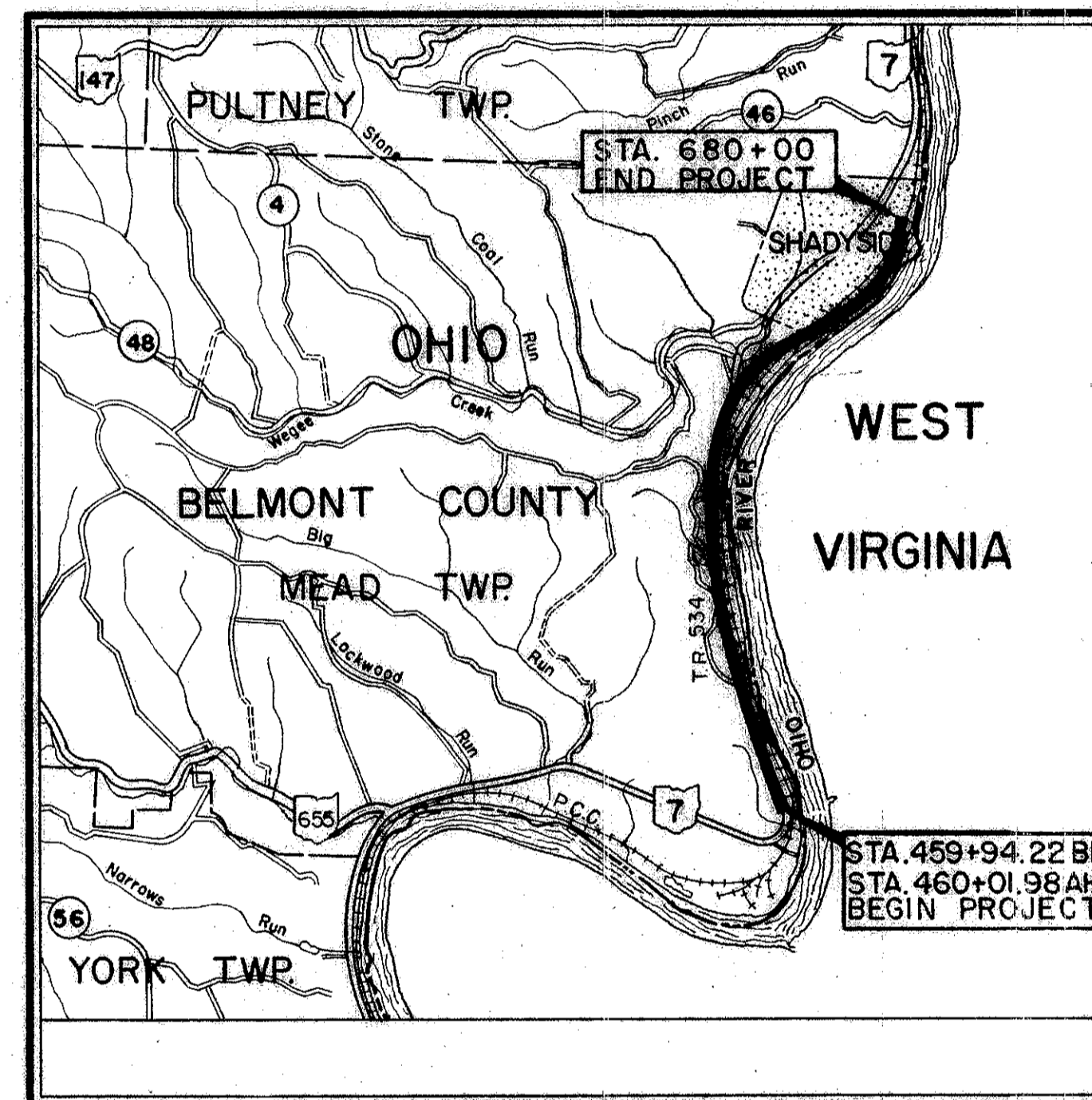
DESIGN DESIGNATION		
Current ADT	5096	(1970)
Design Year ADT	8170	(1987)
DHV	1062	
D (Directional Distribution)	4902	
T (Percent B & C Trucks)	12 %	
V (Design Speed)	60 M.P.H.	

# BEL-7-8.68

VILLAGE OF SHADYSIDE  
MEAD TOWNSHIP  
BELMONT COUNTY

CONVENTIONAL SIGNS

State Line	-----
County Line	-----
Township Line	-----
Section Line	-----
Center Line	-----
Corporation Line	-----
Fence Line	-----
Guard Rail (existing)	-----
Guard Rail (proposed)	-----
Railroads	-----
Power Poles	P P P P P P P P
Telephone Poles	T T T T T T T T
Trees or Stumps (existing)	⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗
Property Line	----- P/L
Right of Way with Limited Access	----- LA RW
Right of Way without Limited Access	----- RW
Existing Right of Way	-----
Right of Way Limited Access Only	----- LA



LOCATION MAP  
SCALE OF MILES



Portion to be improved	-----
State Roads	-----
Other Roads	-----

1969 SPECIFICATIONS

The standard specifications of the State of Ohio, Department of Highways, including changes and supplemental specifications listed in the proposal shall govern this improvement.

The right of way for this improvement will be provided by the State of Ohio.

## RIGHT OF WAY

# CENTER LINE SURVEY PLAT

BELMONT COUNTY

BEL-7-8.68

MEAD TOWNSHIP

T-1N, R-2W, SEC. 29, 30, & 36

CURVE DATA  
of T.R. 534 Reloc.

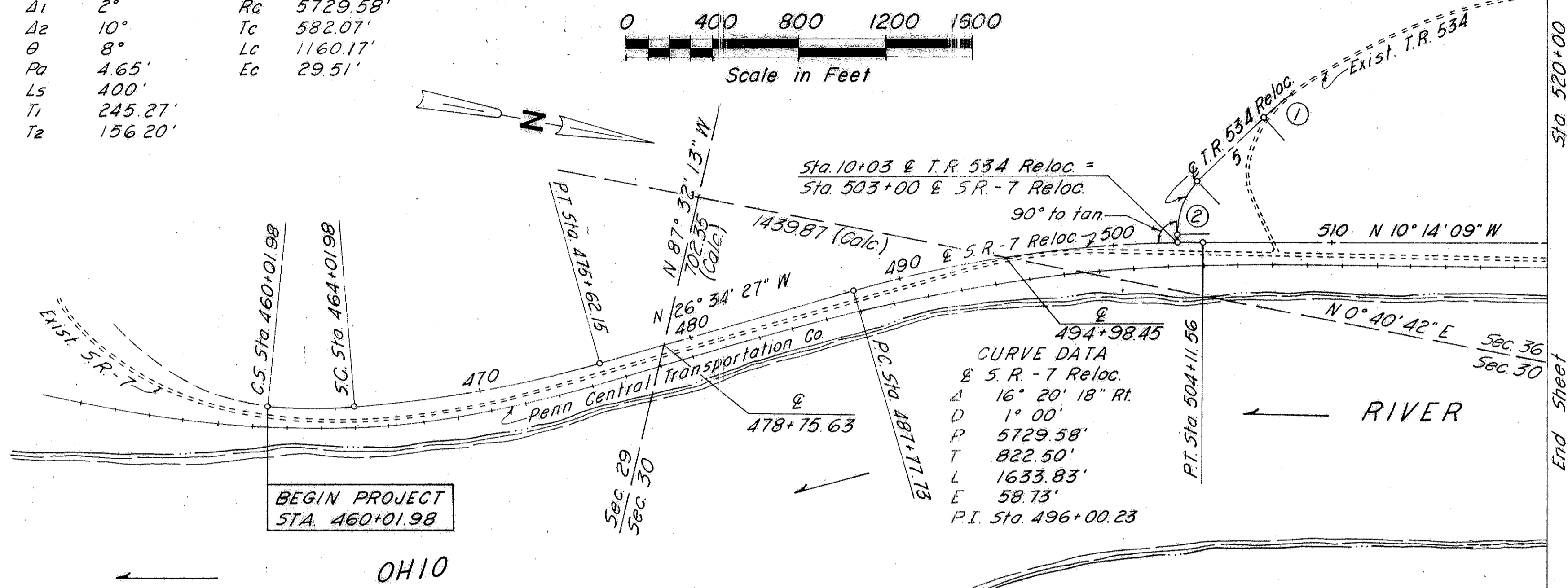
①	②
Δ 31° 21' Lt.	Δ 40° 30' Lt.
D 11° 00'	D 16° 00'
R 520.87'	R 358.10'
T 146.16'	T 132.11'
L 285.00'	L 253.12'
E 20.11'	E 23.59'
P.C. Sta. 0+01.16	P.C. Sta. 7+13.99
P.T. Sta. 2+86.16	P.T. Sta. 9+67.11
P.I. Sta. 1+47.32	P.I. Sta. 8+46.10

SPIRAL DATA

D1	1° 00'	Δc	11° 36' 06"
D2	5° 00'	Dc	1° 00'
Δ1	2°	Rc	5729.58'
Δ2	10°	Tc	582.07'
θ	8°	Lc	1160.17'
Pa	4.65'	Ec	29.51'
Ls	400'		
T1	245.27'		
T2	156.20'		

0 400 800 1200 1600

Scale in Feet



APPROVED BY R.J. BOCCABELLA

COUNTY ENGINEER.

DATE Aug. 6, 1969

R.J. Boccabella

This plat is in conjunction with plat recorded in Belmont County record of plats. Plat book 14, page 12.

THIS IMPROVEMENT HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY FROM STATION 460 + 01.98 TO STATION 680 + 00 BY ACTION OF THE DIRECTOR OF HIGHWAYS AND RECORDED IN VOLUME 51, PAGE 925 OF THE DIRECTOR'S JOURNAL PURSUANT TO LAW.

RECEIVED AUGUST 7, 1969

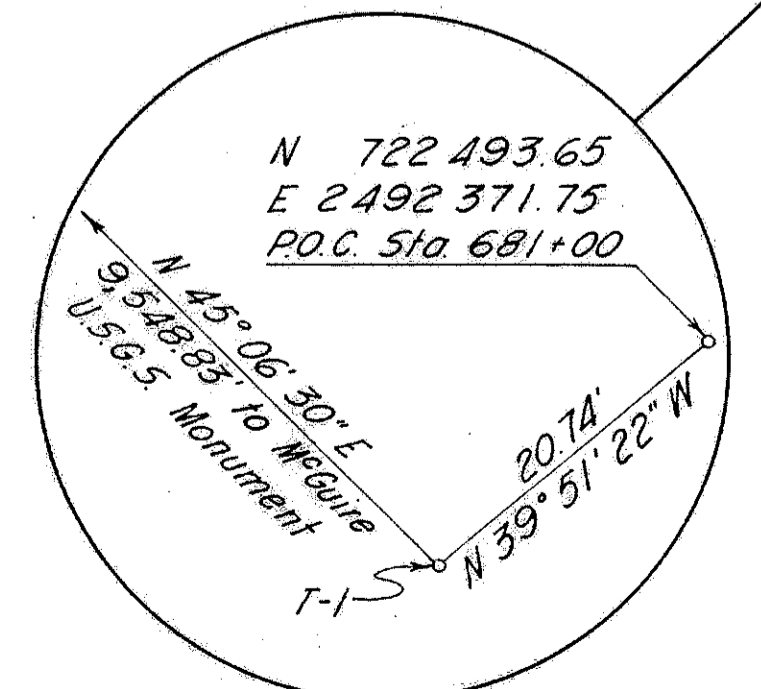
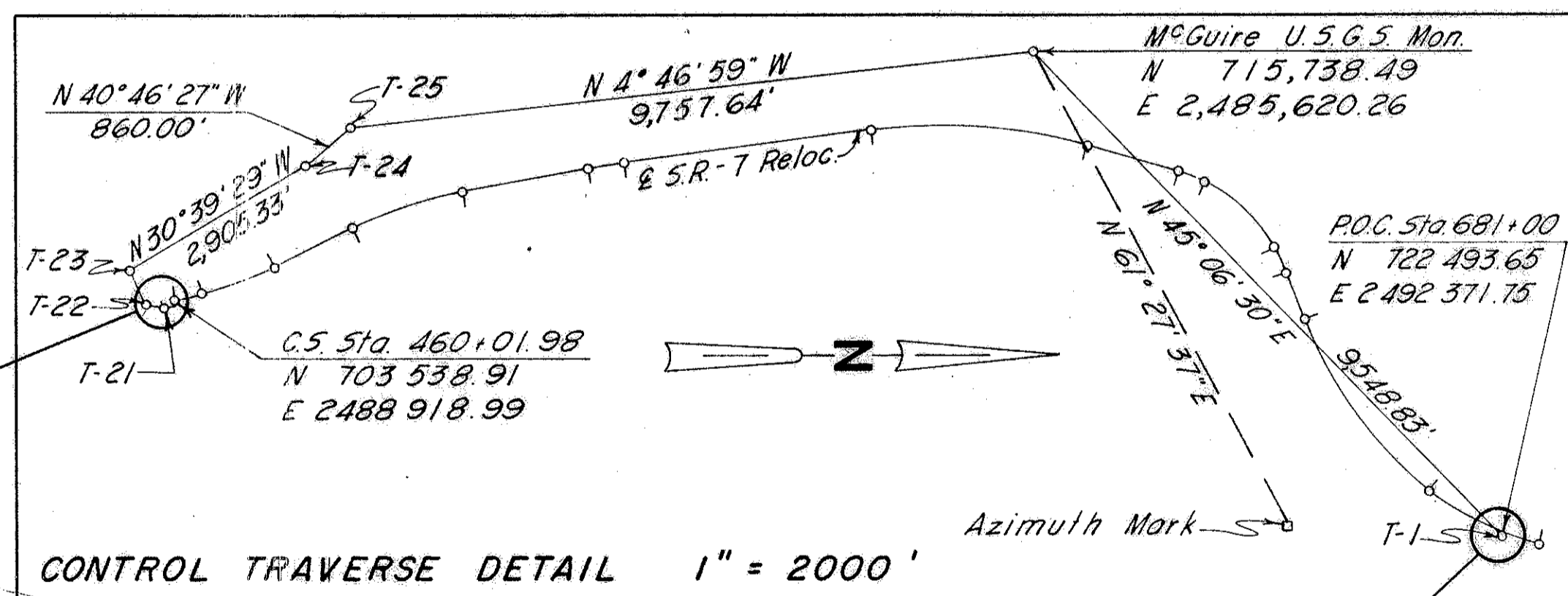
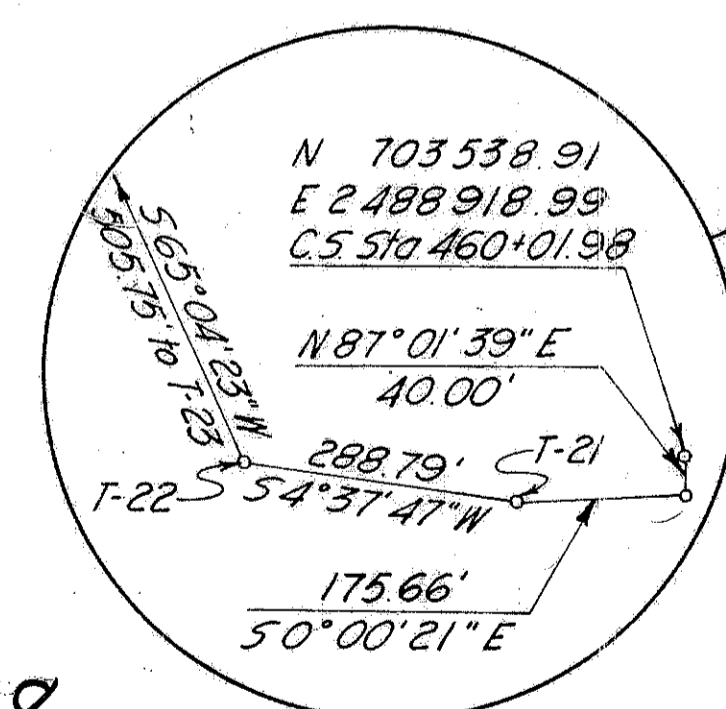
RECORDED SEPTEMBER 4, 1969

BOOK 14 PAGE 39

SIGNED Nick Munas Belmont County Recorder

SIGNED Larr K. Kimball Division Deputy Director

DATE 7-30 1969



I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF HIGHWAYS IN 1966 BY STICKLEN-BELSHEIM & ASSOCIATES.

Bernard F. Strough DATE 11/26/68  
Bernard F. Strough Reg. Sur. No. 4736



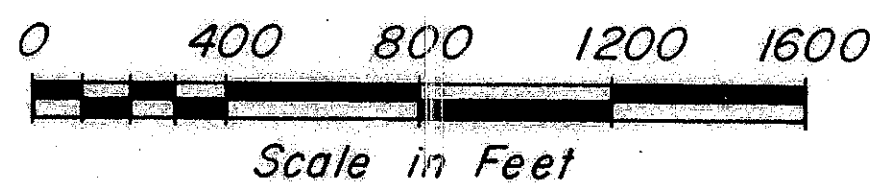
# CENTER LINE SURVEY PLAT

## BELMONT COUNTY

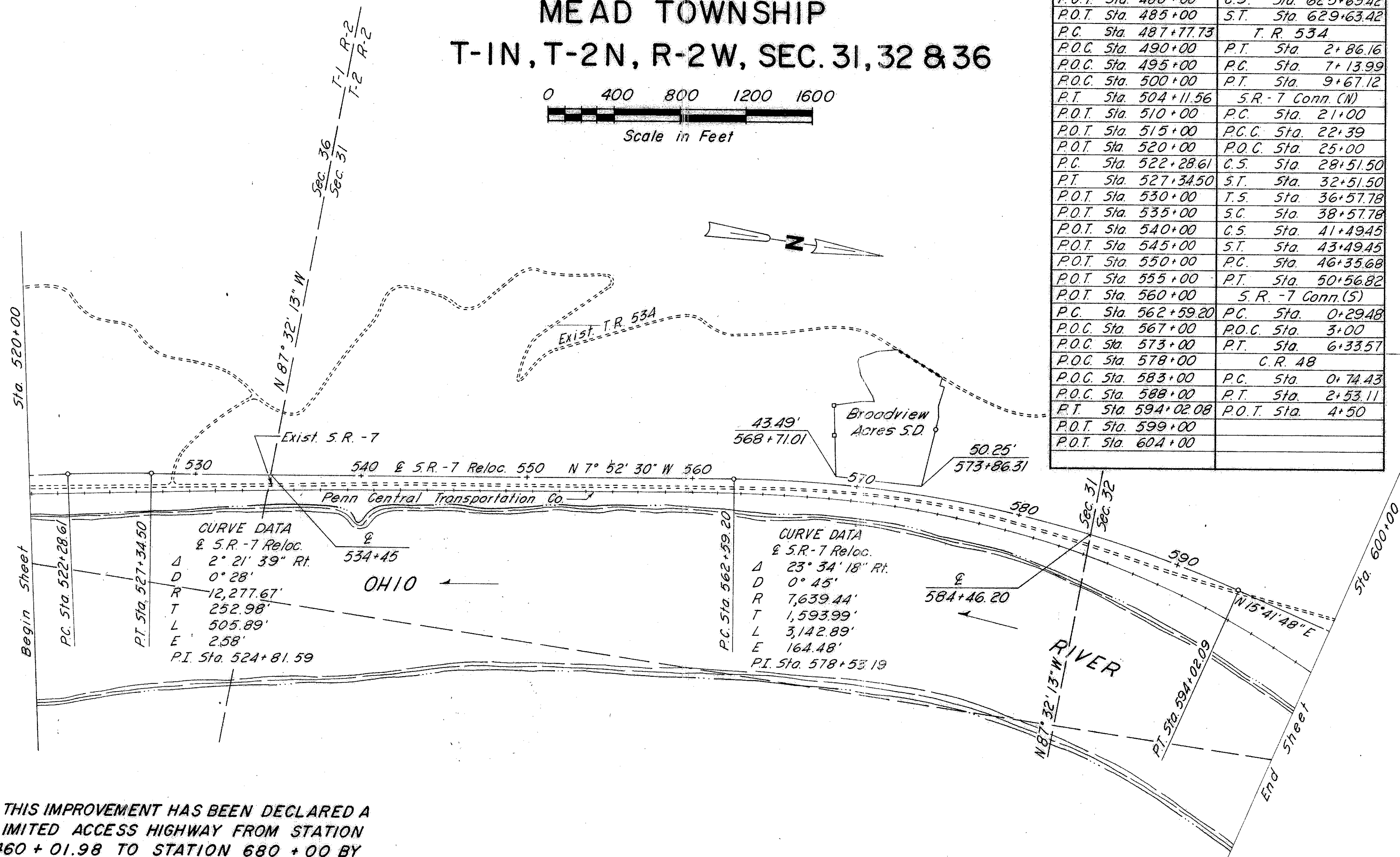
### BEL - 7-8.68

### MEAD TOWNSHIP

### T-1N, T-2N, R-2W, SEC. 31, 32 & 36



CENTER LINE MONUMENT ASSEMBLIES AT THE FOLLOWING LOCATIONS	
S.R. - 7 Reloc.	T.S. Sta 607+64.44
S.C. Sta 464+01.98	S.C. Sta 611+64.44
P.O.C. Sta 470+00	P.O.C. Sta 614+50
P.T. Sta 475+62.15	P.O.C. Sta 620+00
P.O.T. Sta 480+00	C.S. Sta 625+63.42
P.O.T. Sta 485+00	S.T. Sta 629+63.42
P.C. Sta 487+77.73	T.R. 534
P.O.C. Sta 490+00	P.T. Sta 2+86.16
P.O.C. Sta 495+00	P.C. Sta 7+13.99
P.O.C. Sta 500+00	P.T. Sta 9+67.12
P.T. Sta 504+11.56	S.R. - 7 Conn. (N)
P.O.T. Sta 510+00	P.C. Sta 21+00
P.O.T. Sta 515+00	P.C.C. Sta 22+39
P.O.T. Sta 520+00	P.O.C. Sta 25+00
P.C. Sta 522+28.61	C.S. Sta 28+51.50
P.T. Sta 527+34.50	S.T. Sta 32+51.50
P.O.T. Sta 530+00	T.S. Sta 36+57.78
P.O.T. Sta 535+00	S.C. Sta 38+57.78
P.O.T. Sta 540+00	C.S. Sta 41+49.45
P.O.T. Sta 545+00	S.T. Sta 43+49.45
P.O.T. Sta 550+00	P.C. Sta 46+35.68
P.O.T. Sta 555+00	P.T. Sta 50+56.82
P.O.T. Sta 560+00	S.R. - 7 Conn. (S)
P.C. Sta 562+59.20	P.C. Sta 0+29.48
P.O.C. Sta 567+00	P.O.C. Sta 3+00
P.O.C. Sta 573+00	P.T. Sta 6+33.57
P.O.C. Sta 578+00	C.R. 48
P.O.C. Sta 583+00	P.C. Sta 0+74.43
P.O.C. Sta 588+00	P.T. Sta 2+53.11
P.T. Sta 594+02.08	P.O.T. Sta 4+50
P.O.T. Sta 599+00	
P.O.T. Sta 604+00	



THIS IMPROVEMENT HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY FROM STATION 460 + 01.98 TO STATION 680 + 00 BY ACTION OF THE DIRECTOR OF HIGHWAYS AND RECORDED IN VOLUME 51, PAGE 925 OF THE DIRECTOR'S JOURNAL PURSUANT TO LAW.

RECEIVED AUGUST 7, 1969  
 RECORDED \_\_\_\_\_ 1969  
 BOOK 14 PAGE \_\_\_\_\_  
 SIGNED Nick Munas  
 Belmont County Recorder  
 SIGNED Terris Kincaid  
 Division Deputy Director  
 DATE 7-30- 1969



I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF HIGHWAYS IN 1966 BY STICKLEN-BELSHEIM & ASSOCIATES.

Bernard F. Strough DATE 11/26/68  
 Bernard F. Strough Reg. Sur. No. 4736

APPROVED BY R. J. BOCCABELLA  
 COUNTY ENGINEER.  
 DATE Aug. 6, 1969  
R. J. Boccabella  
 R. J. Boccabella

# CENTER LINE SURVEY PLAT

## BELMONT COUNTY

### BEL-7-8.68

### MEAD TOWNSHIP

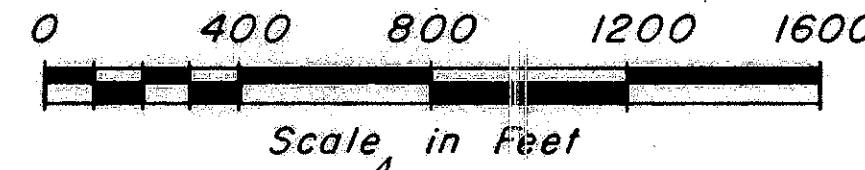
### VILLAGE OF SHADYSIDE &

### T-2N, R-2W, SEC. 26, 27, & 32

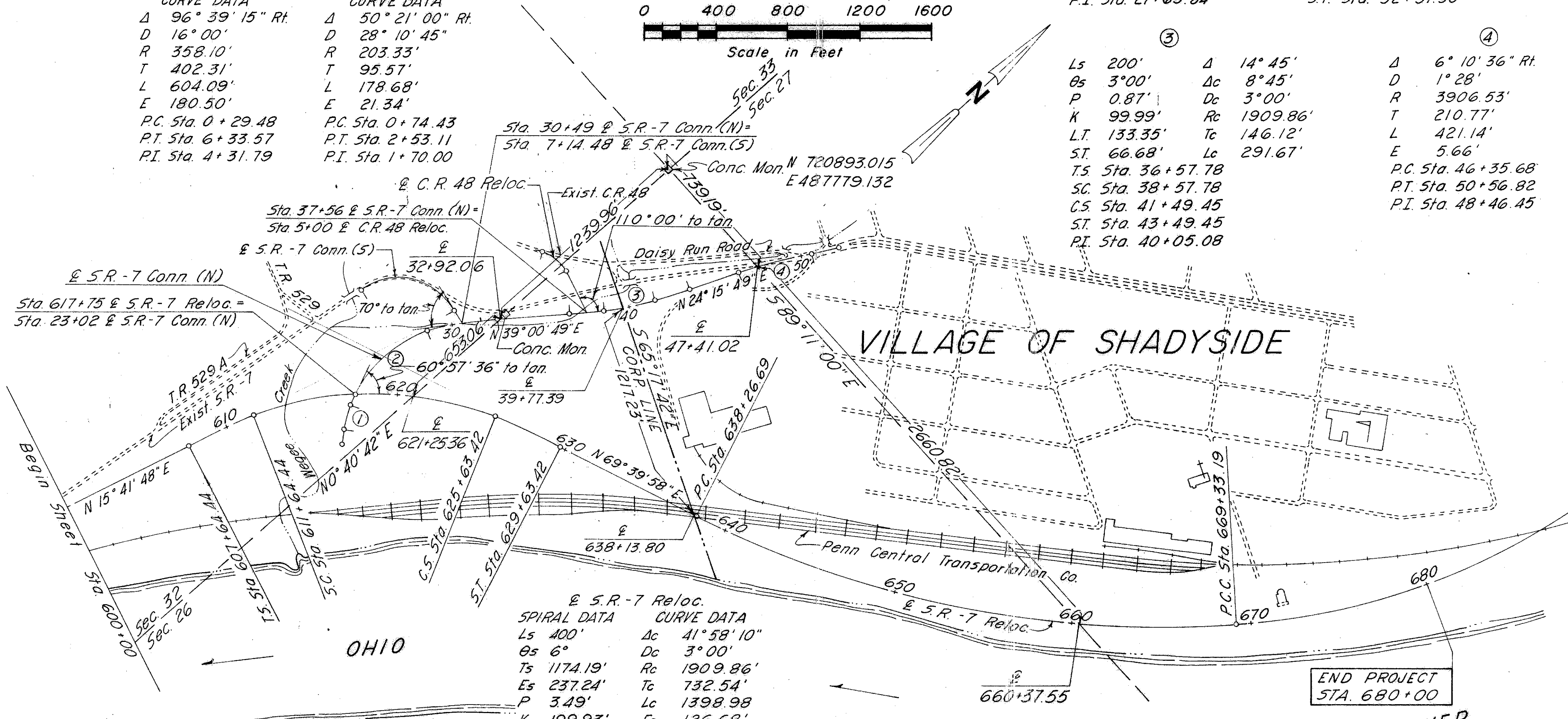
CURVE DATA & S.R.-7 CONN. (NORTH)

① $\Delta$ 13° 54' 00" Rt. $D$ 10° 00' $R$ 572.96' $T$ 69.84' $L$ 139.00' $E$ 4.24' $P.C.$ Sta. 21+00.00 $P.C.C.$ Sta. 22+39.00 $P.I.$ Sta. 21+69.84	② $L_s$ 400' $\theta_s$ 16° 00' $P$ 9.28' $K$ 199.48' $L.T.$ 267.76' $ST.$ 134.33' $P.C.C.$ Sta. 22+39.00 $C.S.$ Sta. 28+51.50 $S.T.$ Sta. 32+51.50	$\Delta$ 65° 00' $D_c$ 49° 00' $D_c$ 8° 00' $R_c$ 716.20' $T_c$ 326.39' $L_c$ 612.50'
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& S.R.-7 Conn.(S) CURVE DATA $\Delta$ 96° 39' 15" Rt. $D$ 16° 00' $R$ 358.10' $T$ 402.31' $L$ 604.09' $E$ 180.50' $P.C.$ Sta. 0+29.48 $P.T.$ Sta. 6+33.57 $P.I.$ Sta. 4+31.79	& C.R.-48 Reloc. CURVE DATA $\Delta$ 50° 21' 00" Rt. $D$ 28° 10' 45" $R$ 203.33' $T$ 95.57' $L$ 178.68' $E$ 21.34' $P.C.$ Sta. 0+74.43 $P.T.$ Sta. 2+53.11 $P.I.$ Sta. 1+70.00
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③ $L_s$ 200' $\theta_s$ 3° 00' $P$ 0.87' $K$ 99.99' $L.T.$ 133.35' $ST.$ 66.68' $T.S.$ Sta. 36+57.78 $SC.$ Sta. 38+57.78 $C.S.$ Sta. 41+49.45 $ST.$ Sta. 43+49.45 $P.I.$ Sta. 40+05.08	$\Delta$ 14° 45' $D_c$ 8° 45' $D_c$ 3° 00' $R_c$ 1909.86' $T_c$ 146.12' $L_c$ 291.67'	④ $\Delta$ 6° 10' 36" Rt. $D$ 1° 28' $R$ 3906.53' $T$ 210.77' $L$ 421.14' $E$ 5.66' $P.C.$ Sta. 46+35.68 $P.T.$ Sta. 50+56.82 $P.I.$ Sta. 48+46.45
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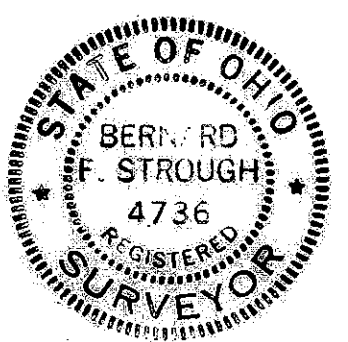
& S.R.-7 Reloc. SPIRAL DATA $L_s$ 400' $\theta_s$ 6° $T_s$ 1174.19' $E_s$ 237.24' $P$ 3.49' $K$ 199.93' $L.T.$ 266.82' $ST.$ 133.47'	CURVE DATA $\Delta_c$ 41° 58' 10" $D_c$ 3° 00' $R_c$ 1909.86' $T_c$ 732.54' $L_c$ 1398.98' $E_c$ 126.68' $\Delta$ 53° 58' 10" $P.I.$ BK 619+38.63 $P.I.$ Ahd 617+89.23
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Note: All stations and offsets on spiral curves are on tangent.

THIS IMPROVEMENT HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY FROM STATION 460+01.98 TO STATION 680+00 BY ACTION OF THE DIRECTOR OF HIGHWAYS AND RECORDED IN VOLUME 51, PAGE 925 OF THE DIRECTOR'S JOURNAL PURSUANT TO LAW.

RECEIVED AUGUST 7, 1969  
 RECORDED \_\_\_\_\_ 1969  
 BOOK 14 PAGE \_\_\_\_\_  
 SIGNED Nick Mrenas  
 Belmont County Recorder  
 SIGNED Tom H. ...  
 Division Deputy Director  
 DATE 7-30 1969

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF HIGHWAYS IN 1966 BY STICKLEN-BELSHEIM & ASSOCIATES.



Bernard F. Strough  
 Bernard F. Strough Reg. Sur. No. 4736

DATE 1/26/68

APPROVED BY R. J. BOCCABELLA  
 COUNTY ENGINEER.  
 DATE Aug 6 1969  
  
 R. J. Boccabella

& S.R.-7 Reloc. CURVE DATA $\Delta$ 31° 03' 54" Lt. $D$ 1° 00' $R$ 5729.58' $T$ 1592.45' $L$ 3106.50' $E$ 217.21' $P.I.$ Sta. 654+19.14	CURVE DATA $\Delta$ 26° 11' 27" Lt. $D$ 1° 28' $R$ 3906.53' $T$ 908.75' $L$ 1785.74' $E$ 104.30' $P.I.$ Sta. 678+41.49
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# CENTER LINE SURVEY PLAT

BELMONT COUNTY

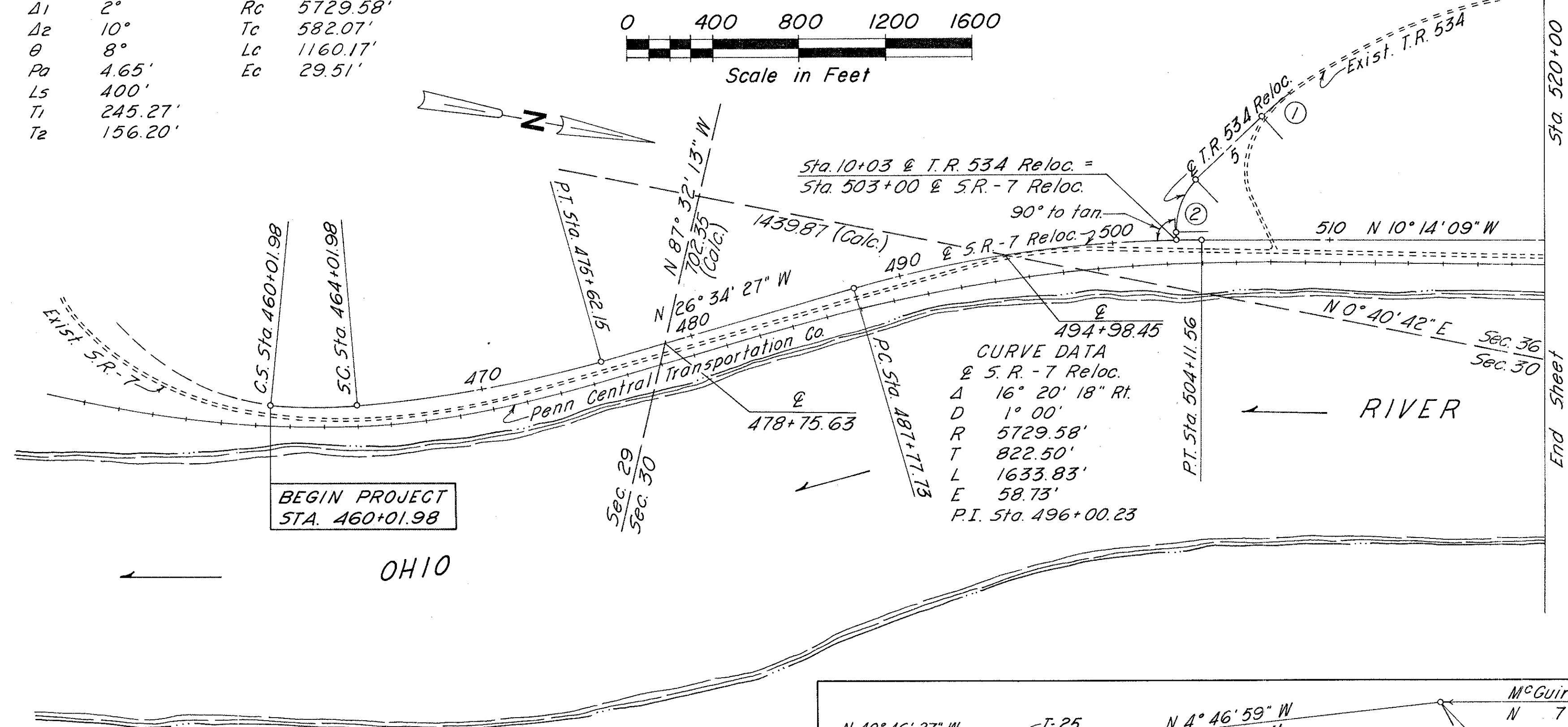
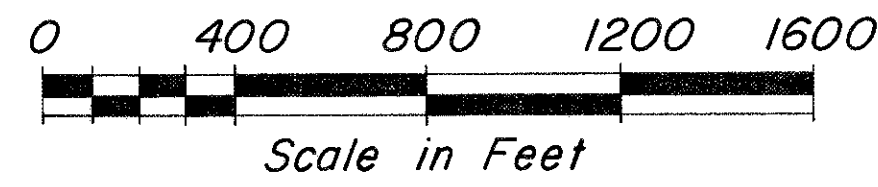
BEL-7-8.68

MEAD TOWNSHIP

T-1N, R-2W, SEC. 29, 30, & 36

SPIRAL DATA		CURVE DATA	
E 5.R.-7 Reloc.			
D1	1° 00'	Δc	11° 36' 06"
D2	5° 00'	Dc	1° 00'
Δ1	2°	Rc	5729.58'
Δ2	10°	Tc	582.07'
θ	8°	Lc	1160.17'
Pa	4.65'	Ec	29.51'
L5	400'		
T1	245.27'		
T2	156.20'		

CURVE DATA			
E T.R. 53A Reloc.			
Δ	31° 21' Lt.	Δ	40° 30' Lt.
D	11° 00'	D	16° 00'
R	520.87'	R	358.10'
T	146.16'	T	132.11'
L	285.00'	L	253.12'
E	20.11'	E	23.59'
P.C. Sta.	0+01.16	P.C. Sta.	7+13.99
P.T. Sta.	2+86.16	P.T. Sta.	9+67.11
P.I. Sta.	1+47.32	P.I. Sta.	8+46.10



LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

This plat is in conjunction with plat recorded in Belmont County record of plats. Plat book 14, page 12.

APPROVED FOR RECORD

*R. J. Boccabella*  
**R. J. BOCCABELLA**  
 BELMONT COUNTY ENGINEER

DATE Dec. 18, 1968

THIS IMPROVEMENT HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY FROM STATION 460 + 01.98 TO STATION 680 + 00 BY ACTION OF THE DIRECTOR OF HIGHWAYS AND RECORDED IN VOLUME 51, PAGE 925 OF THE DIRECTOR'S JOURNAL PURSUANT TO LAW.

RECEIVED DECEMBER 18, 2:30 PM 1968

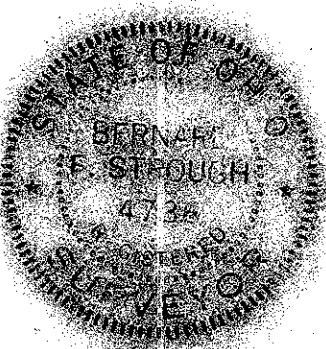
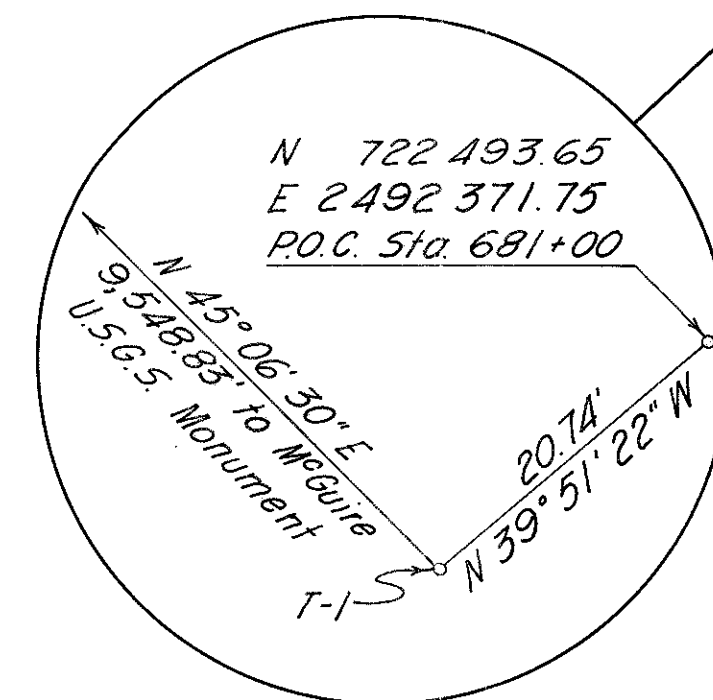
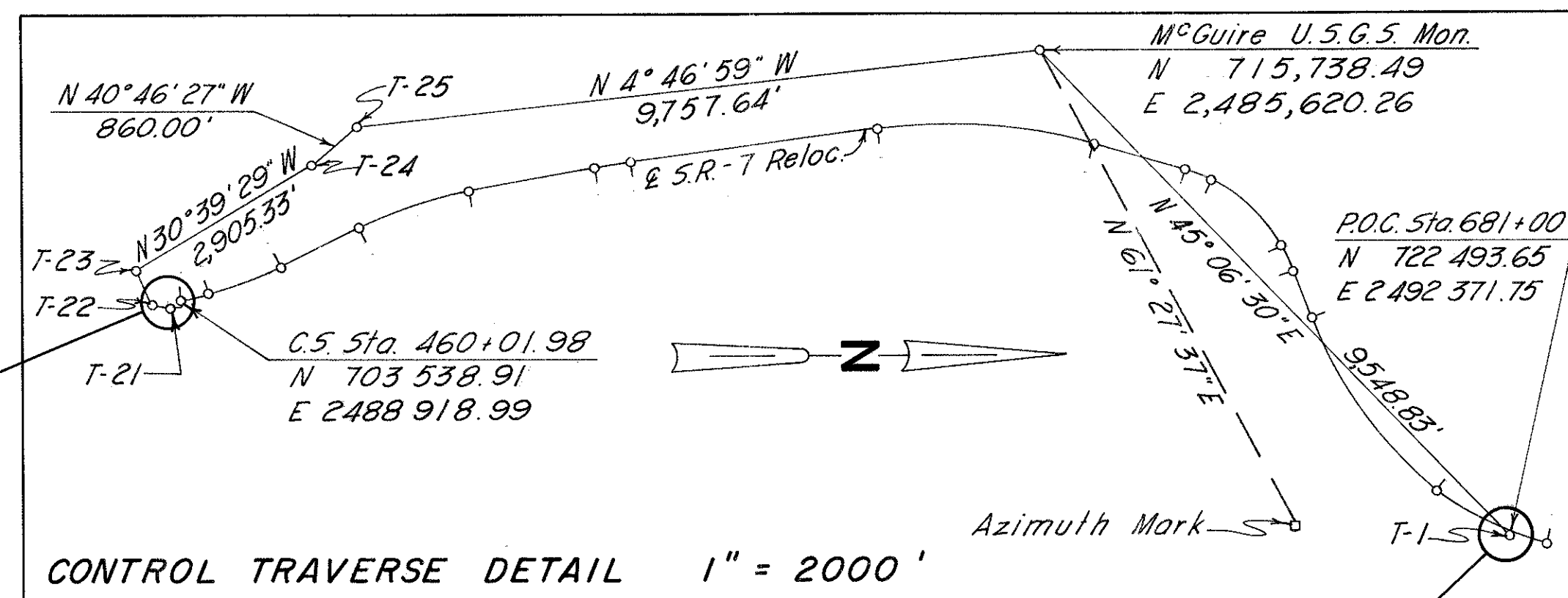
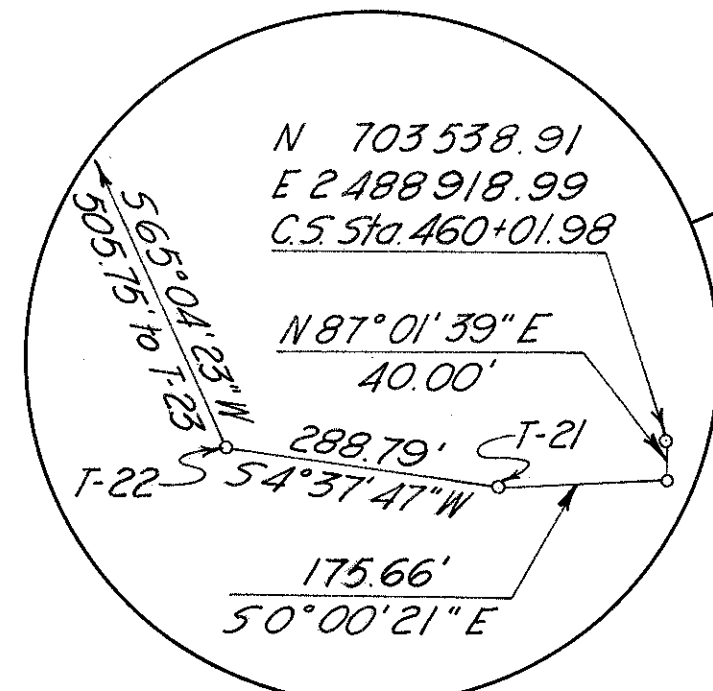
RECORDED JANUARY 3, 9:41 A.M. 1969

BOOK 14 PAGE 25

SIGNED *Nick Munas*  
 Belmont County Recorder

SIGNED *Leri Kambal*  
 Division Deputy Director

DATE 12-5- 1968



*Bernard F. Strough* DATE 11/26/68  
**Bernard F. Strough** Reg. Sur. No. 4736

CENTER LINE SURVEY PLAT Sta. 460+01.98 to Sta. 520+00

Sheet 1 of 3

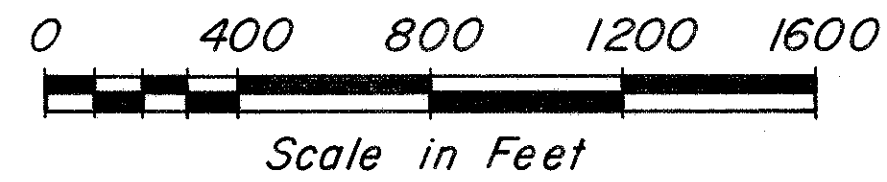
# CENTER LINE SURVEY PLAT

## BELMONT COUNTY

### BEL - 7-8.68

### MEAD TOWNSHIP

### T-1N, T-2N, R-2W, SEC. 31, 32 & 36

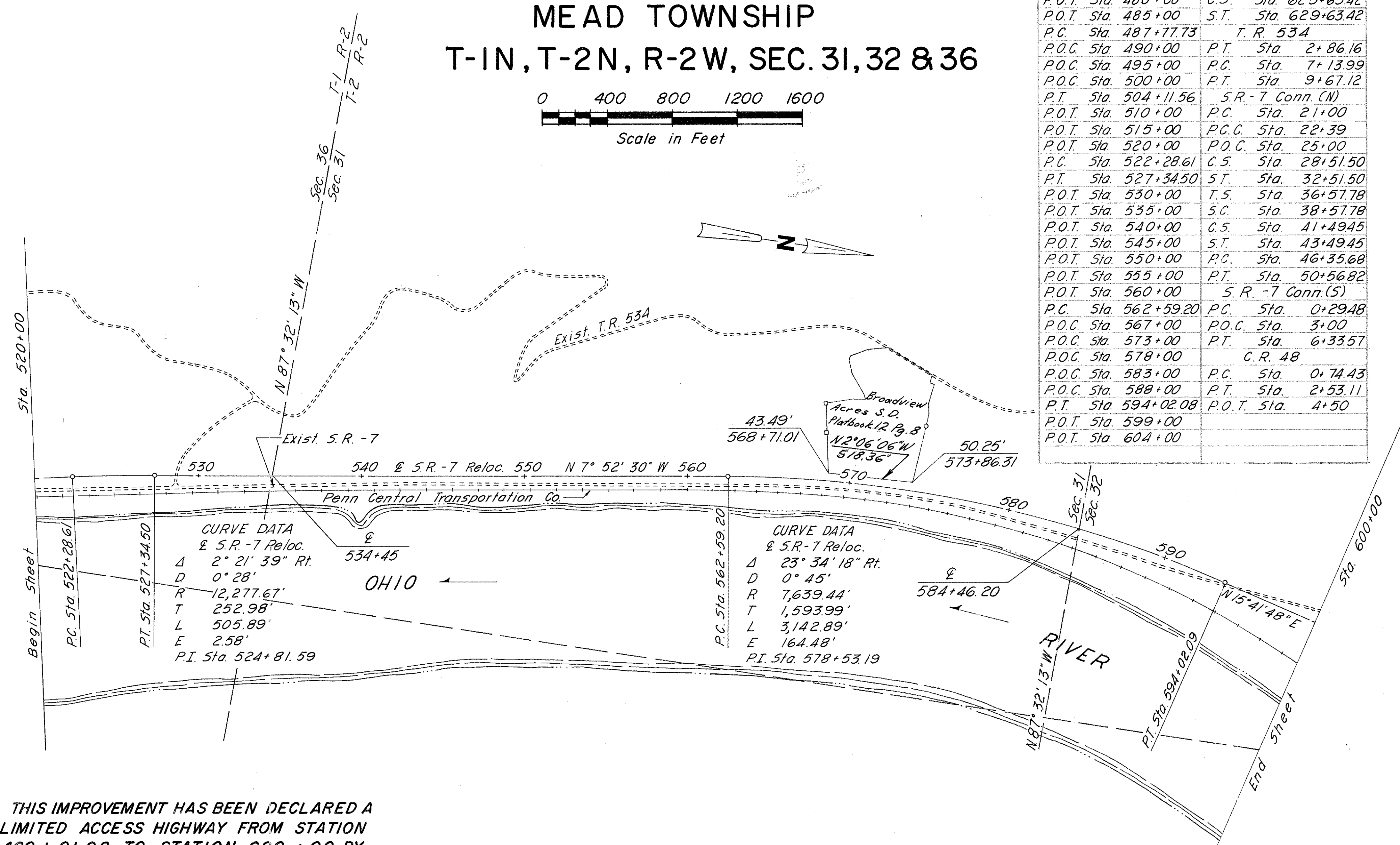


LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

S.R. - 7 Reloc.	T.S. Sta. 607+64.44
S.C. Sta. 464+01.98	S.C. Sta. 611+64.44
P.O.C. Sta. 470+00	P.O.C. Sta. 614+50
P.T. Sta. 475+62.15	P.O.C. Sta. 620+00
P.O.T. Sta. 480+00	C.S. Sta. 625+63.42
P.O.T. Sta. 485+00	S.T. Sta. 629+63.42
P.C. Sta. 487+77.73	T.R. 534
P.O.C. Sta. 490+00	P.T. Sta. 2+86.16
P.O.C. Sta. 495+00	P.C. Sta. 7+13.99
P.O.C. Sta. 500+00	P.T. Sta. 9+67.12
P.T. Sta. 504+11.56	S.R. - 7 Conn. (N)
P.O.T. Sta. 510+00	P.C. Sta. 21+00
P.O.T. Sta. 515+00	P.C.C. Sta. 22+39
P.O.T. Sta. 520+00	P.O.C. Sta. 25+00
P.C. Sta. 522+28.61	C.S. Sta. 28+51.50
P.T. Sta. 527+34.50	S.T. Sta. 32+51.50
P.O.T. Sta. 530+00	T.S. Sta. 36+57.78
P.O.T. Sta. 535+00	S.C. Sta. 38+57.78
P.O.T. Sta. 540+00	C.S. Sta. 41+49.45
P.O.T. Sta. 545+00	S.T. Sta. 43+49.45
P.O.T. Sta. 550+00	P.C. Sta. 46+35.68
P.O.T. Sta. 555+00	P.T. Sta. 50+56.82
P.O.T. Sta. 560+00	S.R. - 7 Conn. (S)
P.C. Sta. 562+59.20	P.C. Sta. 0+29.48
P.O.C. Sta. 567+00	P.O.C. Sta. 3+00
P.O.C. Sta. 573+00	P.T. Sta. 6+33.57
P.O.C. Sta. 578+00	C.R. 48
P.O.C. Sta. 583+00	P.C. Sta. 0+74.43
P.O.C. Sta. 588+00	P.T. Sta. 2+53.11
P.T. Sta. 594+02.08	P.O.T. Sta. 4+50
P.O.T. Sta. 599+00	
P.O.T. Sta. 604+00	

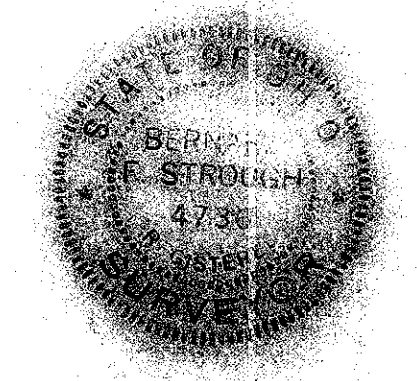


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RECEIVED DECEMBER 18, 2:30 PM 1968  
 RECORDED JANUARY 3, 9:41 AM 1969 #26.80 PAID  
 BOOK 14 PAGE 25  
 SIGNED Nick Munas  
 Belmont County Recorder  
 SIGNED Leri Kunkel  
 Division Deputy Director  
 DATE 12-5 1968

85834

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF HIGHWAYS IN 1968 BY STICKLEN-BELSHEIM & ASSOCIATES.



Bernard F. Strough DATE 11/26/68  
 Bernard F. Strough Reg. Sur. No. 4736

# CENTER LINE SURVEY PLAT

## BELMONT COUNTY

### BEL - 7 - 8.68

### MEAD TOWNSHIP

### VILLAGE OF SHADYSIDE &

### T-2N, R-2W, SEC. 26, 27, & 32

LIMITED ACCESS

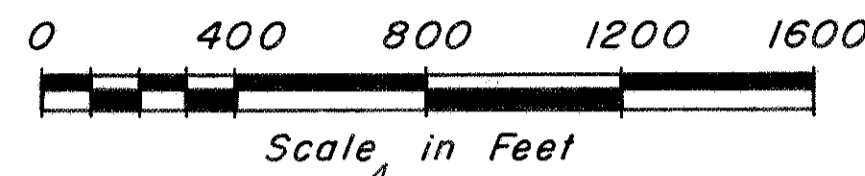
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL - 7 - 8.68

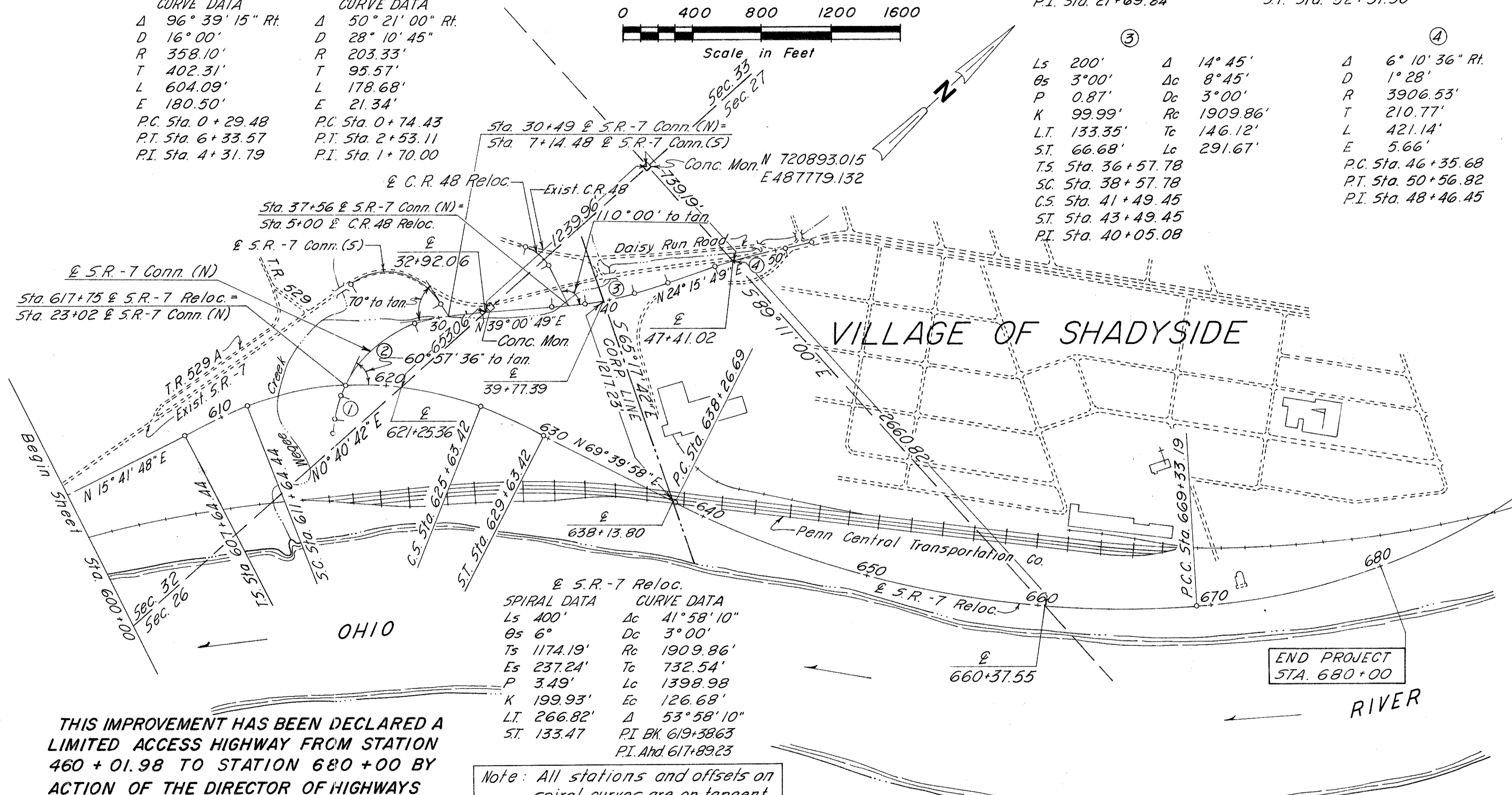
CURVE DATA & S.R. - 7 CONN. (NORTH)

①	②
Δ 13° 54' 00" Rt.	Ls 400'
D 10° 00'	Os 16° 00'
R 572.96'	P 9.28'
T 69.84'	K 199.48'
L 139.00'	LT 267.76'
E 4.24'	ST 134.33'
P.C. Sta. 21+00.00	P.C.C. Sta. 22+39.00
P.C.C. Sta. 22+39.00	C.S. Sta. 28+51.50
P.I. Sta. 21+69.84	S.T. Sta. 32+51.50

⑤ S.R. - 7 Conn. (S)	④ C.R. - 48 Reloc.
CURVE DATA	CURVE DATA
Δ 96° 39' 15" Rt.	Δ 50° 21' 00" Rt.
D 16° 00'	D 28° 10' 45"
R 358.10'	R 203.33'
T 402.31'	T 95.57'
L 604.09'	L 178.68'
E 180.50'	E 21.34'
P.C. Sta. 0+29.48	P.C. Sta. 0+74.43
P.T. Sta. 6+33.57	P.T. Sta. 2+53.11
P.I. Sta. 4+31.79	P.I. Sta. 1+70.00



③	④
Ls 200'	Δ 14° 45'
Os 3° 00'	Δc 8° 45'
P 0.87'	Dc 3° 00'
K 99.99'	Rc 1909.86'
LT 133.35'	Tc 146.12'
ST 66.68'	Lc 291.67'
T.S. Sta. 36+57.78	P.C. Sta. 46+35.68
SC Sta. 38+57.78	P.T. Sta. 50+56.82
C.S. Sta. 41+49.45	P.I. Sta. 48+46.45
S.T. Sta. 43+49.45	
P.I. Sta. 40+05.08	



⑤ S.R. - 7 Reloc.

SPIRAL DATA	CURVE DATA
Ls 400'	Δc 41° 58' 10"
Os 6°	Dc 3° 00'
Ts 1174.19'	Rc 1909.86'
Es 237.24'	Tc 732.54'
P 3.49'	Lc 1398.98'
K 199.93'	Ec 126.68'
LT 266.82'	Δ 53° 58' 10"
ST 133.47'	P.I. Bk 619+3863
	P.I. Ahd 617+8923

Note: All stations and offsets on spiral curves are on tangent.

⑤ S.R. - 7 Reloc.

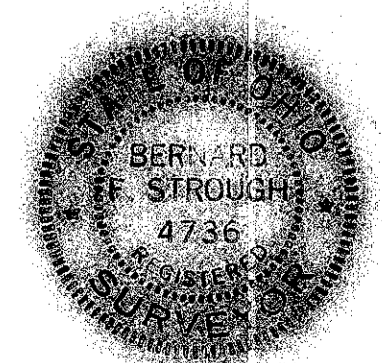
CURVE DATA	CURVE DATA
Δ 31° 03' 54" Lt.	Δ 26° 11' 27" Lt.
D 1° 00'	D 1° 28'
R 5729.58'	R 3906.53'
T 1592.45'	T 908.75'
L 3106.50'	L 1785.74'
E 217.21'	E 104.30'
P.I. Sta. 654+19.14	P.I. Sta. 678+41.49

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RECEIVED DECEMBER 18, 2:30PM 1968  
 RECORDED JANUARY 3 9:41AM 1969  
 BOOK 14 PAGE 25  
 SIGNED Nick Munoz  
 Belmont County Recorder  
 SIGNED Loni Kendall  
 Division Deputy Director  
 DATE 12-5- 1968

85834  
 \$26.89 PAID

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF HIGHWAYS IN 1968 BY STICKLEN-BELSHEIM & ASSOCIATES.



Bernard F. Strough  
 Reg. Sur. No. 4736  
 DATE 11/26/68

# UTILITY PLAN

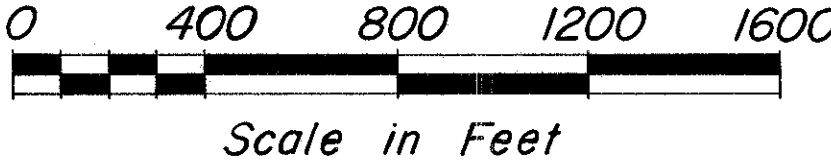
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

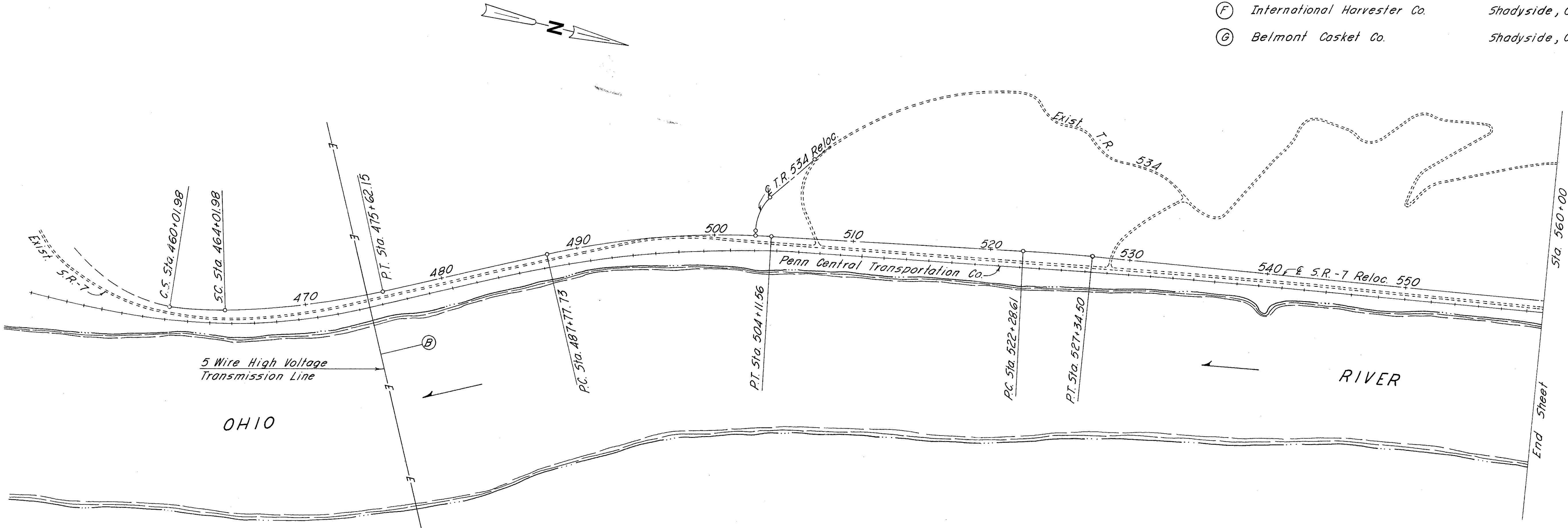
BEL - 7 - 8.68

657  
666

4  
33



UTILITY COMPANY	ADDRESSES
(A) Manufacturer's Light & Heat Co.	44 16th Street, Wheeling, W. Va.
(B) Ohio Power Co.	340 34th Street, Belleaire, Ohio
(C) Ohio Valley Gas Co.	99 N. Front Street, Columbus, Ohio
(D) Ohio Bell Telephone Co.	223 N. 5th Street, Stuebenville, Ohio
(E) Village of Shadyside	Shadyside, Ohio
(F) International Harvester Co.	Shadyside, Ohio
(G) Belmont Casket Co.	Shadyside, Ohio



# UTILITY PLAN

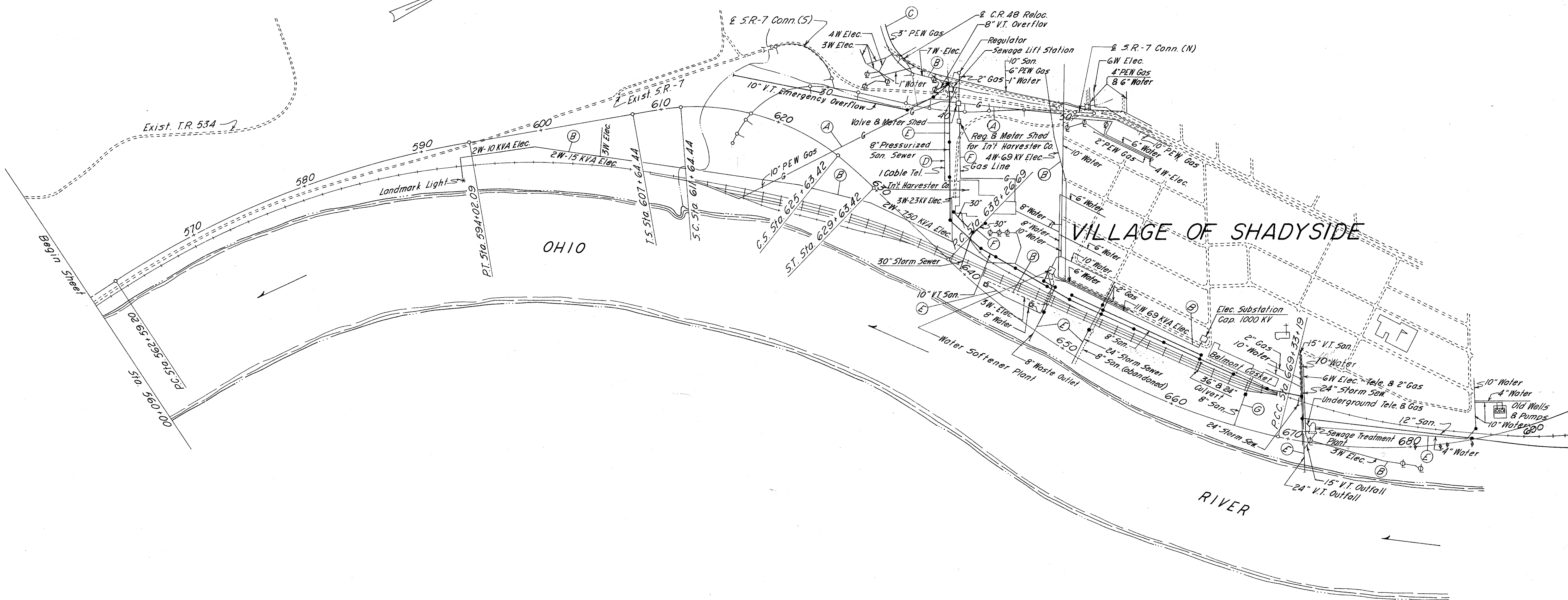
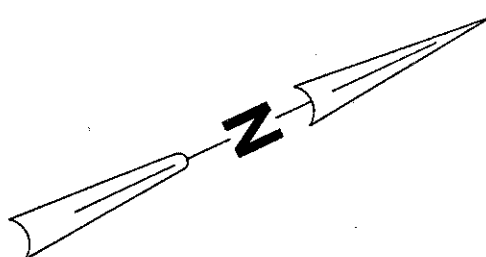
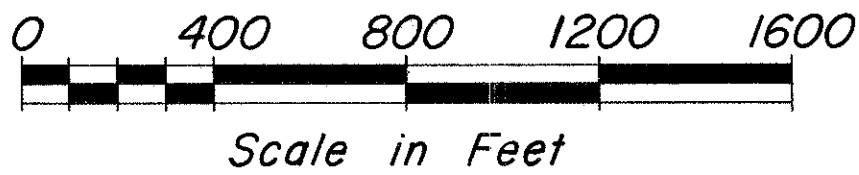
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

638  
666

5  
33



VILLAGE OF SHADYSIDE

RIVER

OHIO

MEAD TWP.  
T1 R2  
Sections 29, 30 & 36

# PROPERTY MAP

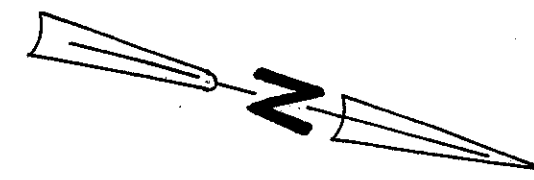
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

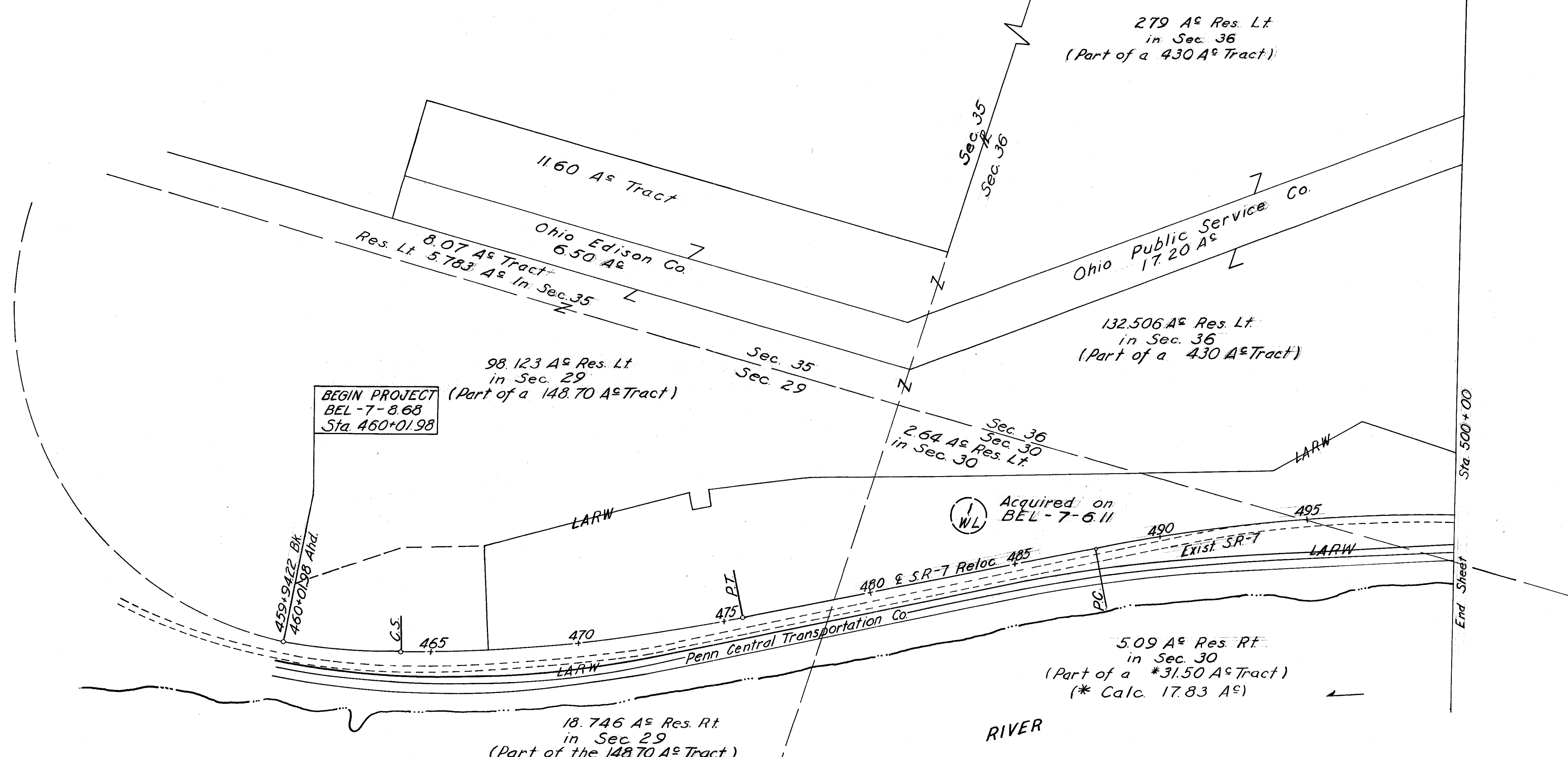
BEL-7-8.68

639  
666

6  
33



Parcel No.	Owner
I WL	Pittsburgh Consolidation Coal Co.



BEGIN PROJECT  
BEL-7-8.68  
Sta. 460+01.98

Acquired on  
BEL-7-6.11

COMPLETION DATE: 6-23-69 SCALE: 1"=200'

Date	Remarks	By
8-4-69	Rev. Par. I-WL	
2-19-70	Rev. Residues on Par. No. I-WL&I	
2-27-70	Rev. Pittsburgh Consolidation Coal Co.	
5-21-70	Removed Begin Acquisition Flag	

PROPERTY MAP Sta. 460+01.98 to Sta. 500+00

MEAD TWP.  
T182 R2  
Sections 30,31 & 36

# PROPERTY MAP

LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

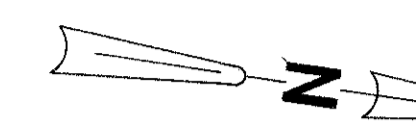
640  
666

BEL-7-8.68

7  
33

Parcel No.	Owner
1 WL	Pittsburgh Consolidation Coal Co.
1	Pittsburgh Consolidation Coal Co.
1 T	Pittsburgh Consolidation Coal Co.
3 WL	James R. & Lilly N. Sproul
4 PR	William E. & Ellen F. Parker
5 WL	Flora C. Brown
6 WL	John B. Smith
6 T	John B. Smith
8 WL	Lois I. Byrd
8A-WL	Lois I. Byrd
9 WL	Anna Marie Salvaterra
10 WL	Rudy & June Tonkovich
11 WL	Kenneth R. & Elizabeth Brown
12 WL	Steve Malolepszy

279 A<sup>±</sup> Res. Lt.  
in Sec. 36  
(Part of a 430 A<sup>±</sup> Tract)



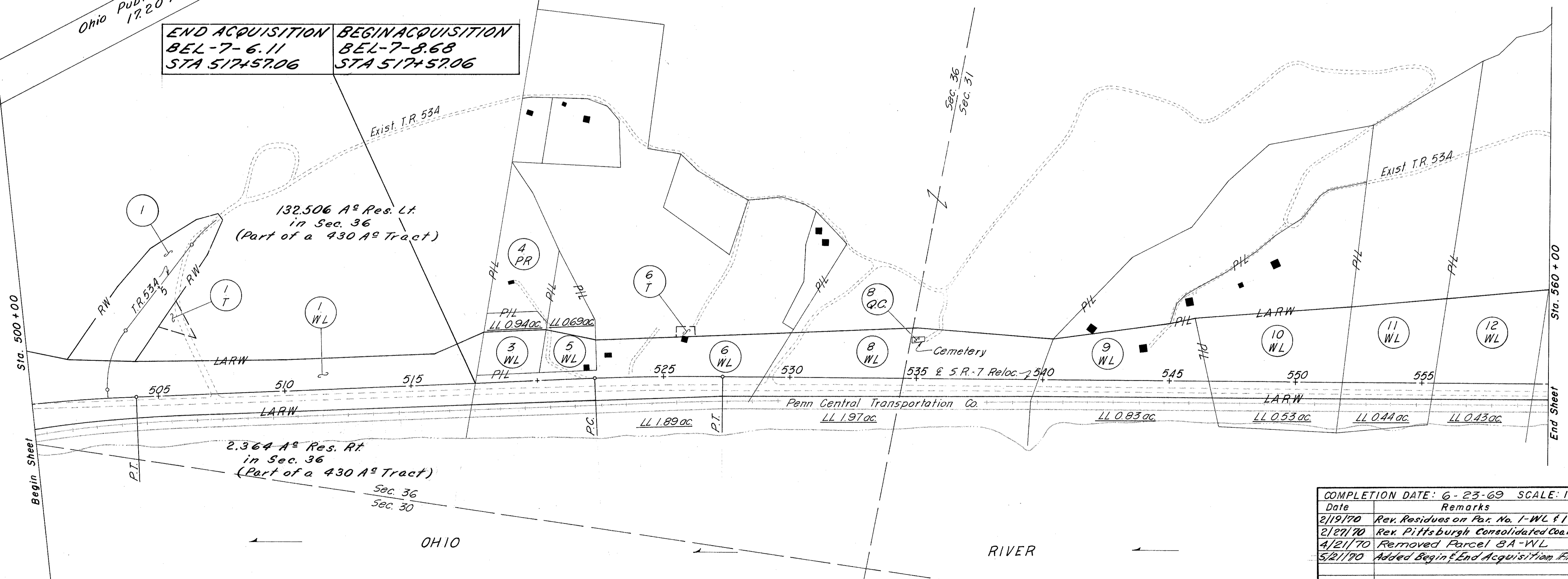
Ohio Public Service Co.  
17.20 A<sup>±</sup>

END ACQUISITION BEL-7-6.11  
STA 517+57.06

BEGIN ACQUISITION BEL-7-8.68  
STA 517+57.06

132.506 A<sup>±</sup> Res. Lt.  
in Sec. 36  
(Part of a 430 A<sup>±</sup> Tract)

2.364 A<sup>±</sup> Res. Rt.  
in Sec. 36  
(Part of a 430 A<sup>±</sup> Tract)



COMPLETION DATE: 6-23-69 SCALE: 1"=200'		
Date	Remarks	By
2/19/70	Rev. Residues on Par. No. 1-WL & 1	
2/27/70	Rev. Pittsburgh Consolidated Coal Co.	
4/21/70	Removed Parcel 8A-WL	
5/21/70	Added Begin & End Acquisition Flag	

MEAD TWP.  
T182 R2  
Sections 30, 31 & 36

MEAD TWP.  
T2 R2  
Sections 26, 31 & 32

# PROPERTY MAP

LIMITED ACCESS

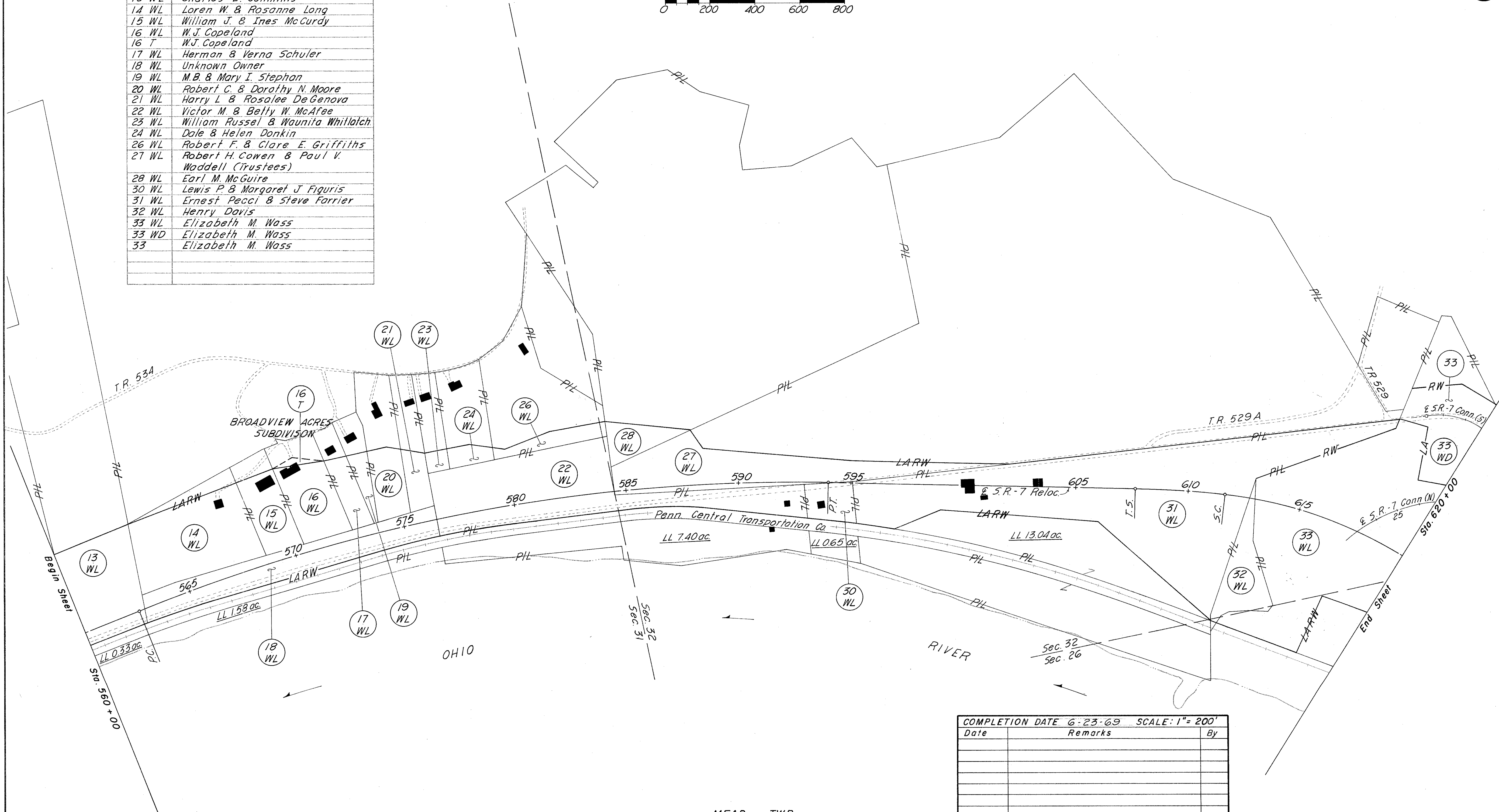
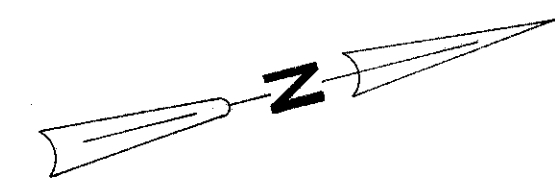
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

641  
666

BEL-7-8.68

8  
33

Parcel No.	Owner
13 WL	Charles E. Cummins
14 WL	Loren W. & Rosanne Long
15 WL	William J. & Ines McCurdy
16 WL	W.J. Copeland
16 T	W.J. Copeland
17 WL	Herman & Verna Schuler
18 WL	Unknown Owner
19 WL	M.B. & Mary I. Stephan
20 WL	Robert C. & Dorothy N. Moore
21 WL	Harry L. & Rosalee DeGenova
22 WL	Victor M. & Betty W. McAfee
23 WL	William Russel & Wainita Whitlatch
24 WL	Dale & Helen Donkin
26 WL	Robert F. & Clare E. Griffiths
27 WL	Robert H. Cowen & Paul V. Waddell (Trustees)
28 WL	Earl M. McGuire
30 WL	Lewis P. & Margaret J. Figuris
31 WL	Ernest Pecci & Steve Farrier
32 WL	Henry Davis
33 WL	Elizabeth M. Wass
33 WD	Elizabeth M. Wass
33	Elizabeth M. Wass



COMPLETION DATE 6-23-69 SCALE: 1" = 200'		
Date	Remarks	By

MEAD TWP.  
T2 R2  
Sections 26, 31 & 32

PROPERTY MAP Sta. 560+00 to Sta. 620+00

VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Sections 26, 27 & 32

# PROPERTY MAP

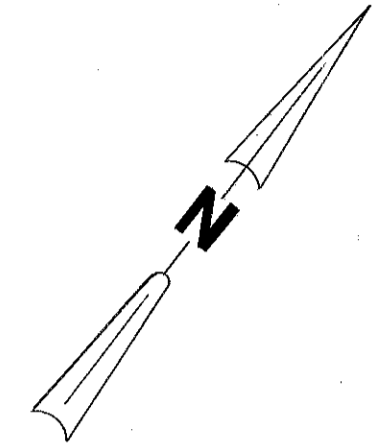
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

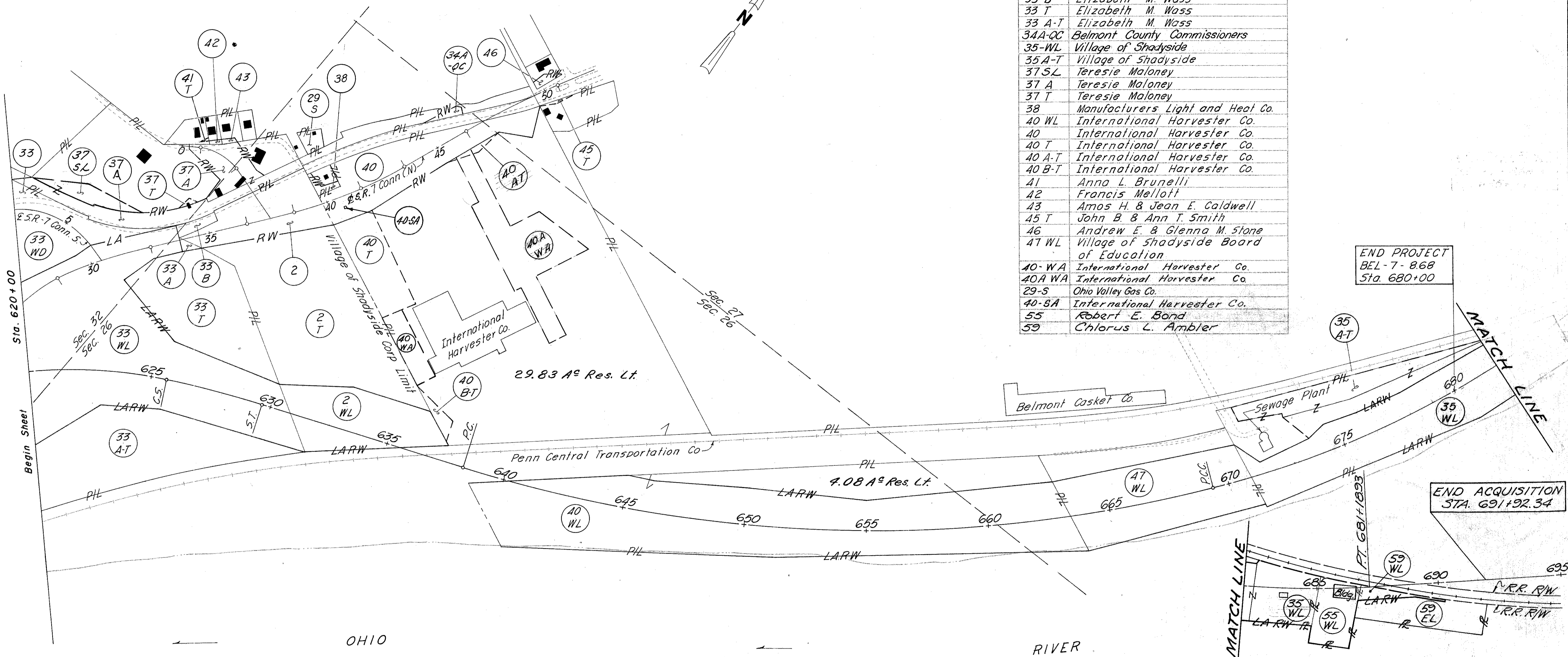
642  
666

BEL-7-8.68

9  
33



Parcel No.	Owner
2 WL	Penn Central Transportation Co.
2	Penn Central Transportation Co.
2 T	Penn Central Transportation Co.
33 WL	Elizabeth M. Wass
33 WD	Elizabeth M. Wass
33	Elizabeth M. Wass
33 A	Elizabeth M. Wass
33 B	Elizabeth M. Wass
33 T	Elizabeth M. Wass
33 A-T	Elizabeth M. Wass
34A-QC	Belmont County Commissioners
35-WL	Village of Shadyside
35A-T	Village of Shadyside
37 SL	Teresie Maloney
37 A	Teresie Maloney
37 T	Teresie Maloney
38	Manufacturers Light and Heat Co.
40 WL	International Harvester Co.
40	International Harvester Co.
40 T	International Harvester Co.
40 A-T	International Harvester Co.
40 B-T	International Harvester Co.
41	Anna L. Brunelli
42	Francis Mellott
43	Amos H. & Jean E. Caldwell
45 T	John B. & Ann T. Smith
46	Andrew E. & Glenna M. Stone
47 WL	Village of Shadyside Board of Education
40-WA	International Harvester Co.
40A WA	International Harvester Co.
29-S	Ohio Valley Gas Co.
40-SA	International Harvester Co.
55	Robert E. Bond
59	Chlorus L. Ambler



END PROJECT  
BEL-7-8.68  
Sta. 680+00

END ACQUISITION  
STA. 691+92.34

COMPLETION DATE 6-23-69				SCALE: 1"=200'			
Date	Remarks	By	Date	Remarks	By		
8-28-72	Added Par. N°29-S, Deleted Par. N°40-S	Div.	1/22/70	Remove 41; Added 41-T			
9-22-72	Added Par. 49-WD	Div.	2/20/70	Rev. Record Area Res. on Par. 40-WL			
1-26-73	Rev. Par. 35-WL, Added Par. 35A-T & Deleted Par. 49-WD	Dist.	6-8-70	Changed 37 To 37-SL			
3-9-73	Added Parcel 40-SA	Dist.	6-18-70	Changed 34 & 34A To 34-QC & 34A-QC			
			6-8-71	Added Parcels 40WA & 40A-WA			
			6-16-71	Revised W. R/W Line on Parcel 35-WL			
			8-15-72	Deleted Parcel 34QC			
			8-15-72	Revised R. and Area for Parcel 37A			

VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Sections 26, 27 & 32

PROPERTY MAP Sta. 620+00 to Sta. 685+04.86

PARCEL NO.	OWNER
25-WM	HORACE L. MAYNE

MEAD TWP  
T1&2 R 2  
SEC. 31&36

# PROPERTY MAP

MEIGS CREEK COAL

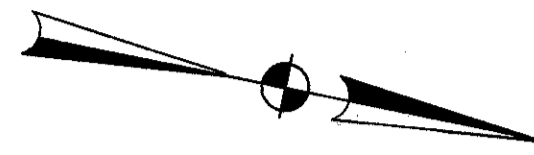
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

622A

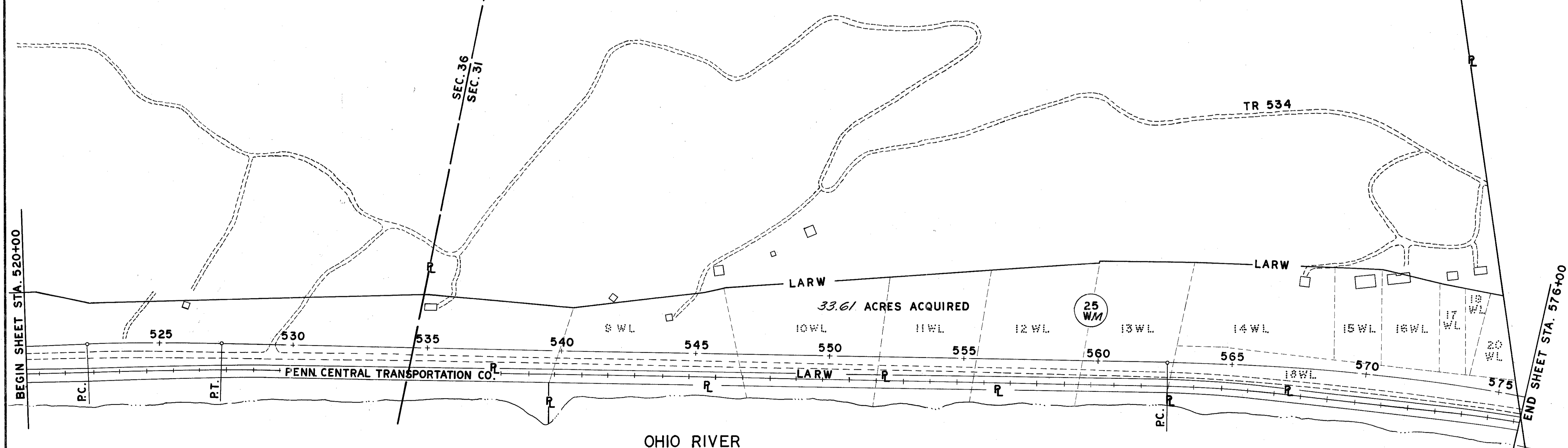
9A  
33



COMPLETION DATE: 7-27-70

DATE	REMARKS	BY
9/14/70	Added this Sheet to Plan	
9-25-70	Changed Parcel 25-WS to 25-WR	
10-30-70	Changed Parcel 25-WR to 25-WM	
11-3-70	Revised Breakdown Parcel 25-WM	

HORACE L. MAYNE  
339.64 ACRES  
306.03 ACRES RESIDUE



SUMMARY OF ADDITIONAL RIGHT OF WAY REQUIRED

TOTAL NUMBER OF OWNERS 45
TOTAL NUMBER OF OWNERS WITH STRUCTURES 14

NOTE: The sum of the net residue plus the net take will equal the record area less the total P.R.O.
NOTE: Parcels 1 WL, 1 and 1-T will be acquired with the Right-of-Way for BEL-7-6.11.

Parcels numbers not used - 7, 25, 29, 36, 39 & 40

Main table with columns: PARCEL NO., TYPE, FUNDS, OWNER, DEED RECORD BOOK/PAGE, RECORD AREA, TOTAL P.R.O., GROSS TAKE, P.R.O. IN TAKE, NET TAKE, NET RESIDUE RIGHT/LEFT, BLDG., SHEET NO., REMARKS. Includes detailed parcel data and notes.

COMPLETION DATE (CONTINUED) table with columns: Date, Remarks, By. Lists completion dates and responsible parties for various parcels.

COMPLETION DATE 6-23-69 table with columns: Date, Remarks, By. Lists completion dates and responsible parties for various parcels.

SUMMARY OF ADDITIONAL R/W REQUIRED

# SUMMARY OF ADDITIONAL RIGHT OF WAY REQUIRED

LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

644  
666

BEL-7-8.68

11  
33

TOTAL NUMBER OF OWNERS 45  
TOTAL NUMBER OF OWNERS WITH STRUCTURES 14

PARCEL NO.	TYPE FUNDS	OWNER	DEED RECORD		RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	NET RESIDUE		BLDG.	SHEET NO.	REMARKS
			BOOK	PAGE						RIGHT	LEFT			
41 T	S	Anna L. Brunelli	447	522	0.273	0.11	0.01	-	0.01	-	0.27	-	27	To Provide Work Area; Do Required Grading
42	S	Francis E. & Joyce M. Mellott	455	415	0.13	0.01	0.01	0.01	0.00	-	0.12	-	27	Lot 4
42 T	S						0.01	-	0.01				27	
43	S	Amos H & Jean E. Caldwell	419	325	0.27	0.04	0.02	0.02	0.00	-	0.23	-	27	Lot 2 & 3
43 T	S						0.014	-	0.014				27	
45 T	S	John B. & Ann T. Smith	377	527	0.843	-	0.023	-	0.023	-	0.843	-	26	
46	S	Andrew E. & Glenna M. Stone	436	499	0.271	-	0.05	-	0.05	-	0.22	-	26	Lots 275 & 276
47 WL	S	Village of Shadyside Board of Education	404	298	2.47 3.389	-	5.11	-	5.11	-	0.75	-	32,33	Acreage Corrected 2.37 ac. from 2.47 ac. 2.74 ac. from 3.389 ac.
44-SA	S	Village of Shadyside	407	1									31	Easement Rights and Relocation from Well in area to be acquired
25-WM	S	Horace L. Mayne			339.64		33.61				306.03	-	9 A	Area of mineable coal is reduced to 22.82 acres because present road occupies 10.79 acres.
29-S	S	Ohio Valley Gas Co.	517	541	0.140		0.02	-	0.02				27	
55 WL	S	Robert E. Bond	457	590	0.50	-	1.06	-	1.06	-	-	Yes	22	Acreage Corrected
59 WL	S	Chlorus L. Amber	345	235	*1.75	-	0.25	-	0.25	1.50	-	-	22,23,23A	*Calculates 180 A <sup>c</sup>
59 EL	S	" " "	"	"	"	-	1.55	-	1.55	-	-	-	22,23,23A	

**RAILROAD TEMPORARY PARCELS**

Temporary easement lines are shown on the right-of-way detail sheets for areas of work inside the Penn. Central R.R. right-of-way, in order to confine the Contractor to only those areas designated. These parcels are not included on the right-of-way summary sheet and payment for these parcels are not required in accordance with Section 10 of the State-Railroad Agreement.

<p><i>Sheet 12</i></p> <p>2A-T 2B-T 2C-T* 2D-T* 2E-T</p> <p><i>Sheet 13</i></p> <p>2E-T 2F-T 2G-T*</p>	<p><i>Sheet 14</i></p> <p>2H-T 2I-T* 2J-T 2K-T* 2L-T*</p> <p><i>Sheet 18</i></p> <p>2K-T* 2M-T 2N-T 2O-T</p>	<p><i>Sheet 20</i></p> <p>2T-T*</p> <p>2P-T 2Q-T 2W-T*</p> <p><i>Sheet 21</i></p> <p>2R-T* 2S-T 2U-T 2X-T*</p> <p><i>Sheet 23</i></p> <p>2Y-T</p>
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\* For Culvert replacement under tracks

S Indicates 100% State Funds  
LL Indicates residual lands that are landlocked

Notes: The sum of the net residue plus the net take will equal the record area less the total P.R.O.

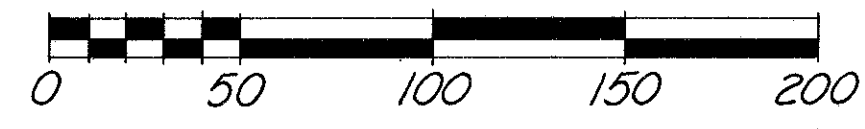
Parcels IWL, I and IT will be acquired with the Right-of-Way for BEL-7-6.11

Parcel numbers not used - 7, 25, 29, 36, 39 & 44.

COMPLETION DATE : 6-23-69		
Date	Remarks	By
8-28-72	Added Parcel N <sup>o</sup> 29-S	Div.
9-22-72	Added Parcel 49-WD	Div.
9-26-72	Removed Yes from Bldg. column - Par. N <sup>o</sup> 49-WD	Div.
1-26-73	Deleted Parcel 49-WD	Dist.
6-5-74	Added Parcel 44-SA-1	Dist.
6-27-74	Deleted Parcel 44-SA-1	Dist.
11/22/70	Removed 41; Rev. 41-T, 42, 42-T, 43 & 43-T	
4-27-70	Added Parcel 44-SA	
5-21-70	Rev. Residue Par. 47-WL	
9-14-70	Added Parcel 25-WS	
9-25-70	Changed Parcel 25WS to 25-WR	
10-30-70	Changed Parcel 25-WR to 25-WM	
11-3-70	Revised Breakdown Parcel 25-WM	

**SPIRAL DATA**  
 D1 1°00'  
 D2 5°00'  
 Δ1 2°00'  
 Δ2 10°00'  
 θa 8°00'  
 Pa 4.65'  
 Ls 400'  
 T1 245.27'  
 T2 156.20'

**CURVE DATA**  
 Δc 11°-36'-06" Lt.  
 Dc 1°-00'  
 Rc 5729.58'  
 Tc 582.07'  
 Lc 1160.17'  
 Ec 29.51'



MEAD TWP  
 T1 R2  
 Section 29

LIMITED ACCESS

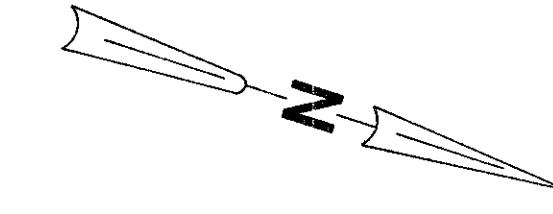
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

645  
666

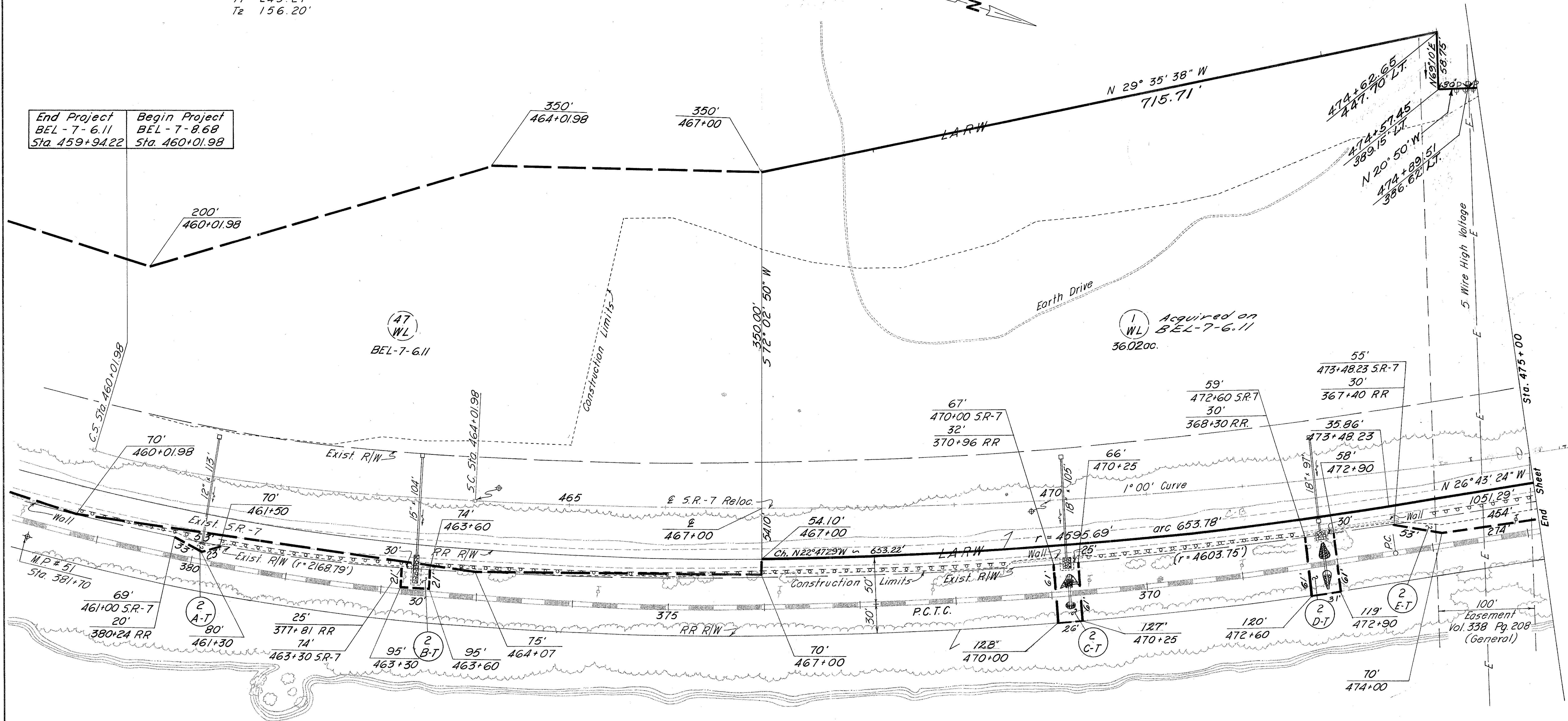
BEL-7-8.68

12  
33

Pittsburgh Consolidation Coal Co.



End Project BEL-7-6.11 Sta. 459+94.22	Begin Project BEL-7-8.68 Sta. 460+01.98
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Note: R.R. Stationing taken from Valuation Plat V-12 Pgs 4-8

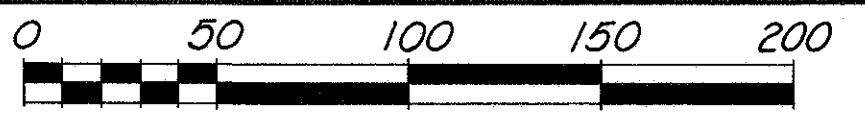
Note: It is not the State of Ohio's intent to vacate any existing right-of-way with the construction of BEL-7-8.68

Note: Minimum Vertical Clearance 212.3 feet ±

MEAD TWP  
 T1 R2  
 Section 29

COMPLETION DATE: 6-23-69		SCALE: 1" = 50'
Date	Remarks	By
8-4-69	Rev. Par. 1 - YVL	
9-3-69	Rev. Par. 1 - YVL	
5-22-70	Removed Begin Acquisition Flag	
6-23-71	Expanded Parcel 2 C-T & 2 D-T	
5-7-79	Add Chord Distance & Bearing on LAR/W Line between Parcel 1-WL and the Railroad R/W	Dist. II

RIGHT OF WAY Sta. 460+00 to Sta. 475+00



MEAD TWP.  
T1 R2  
Sections 29 & 30

LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

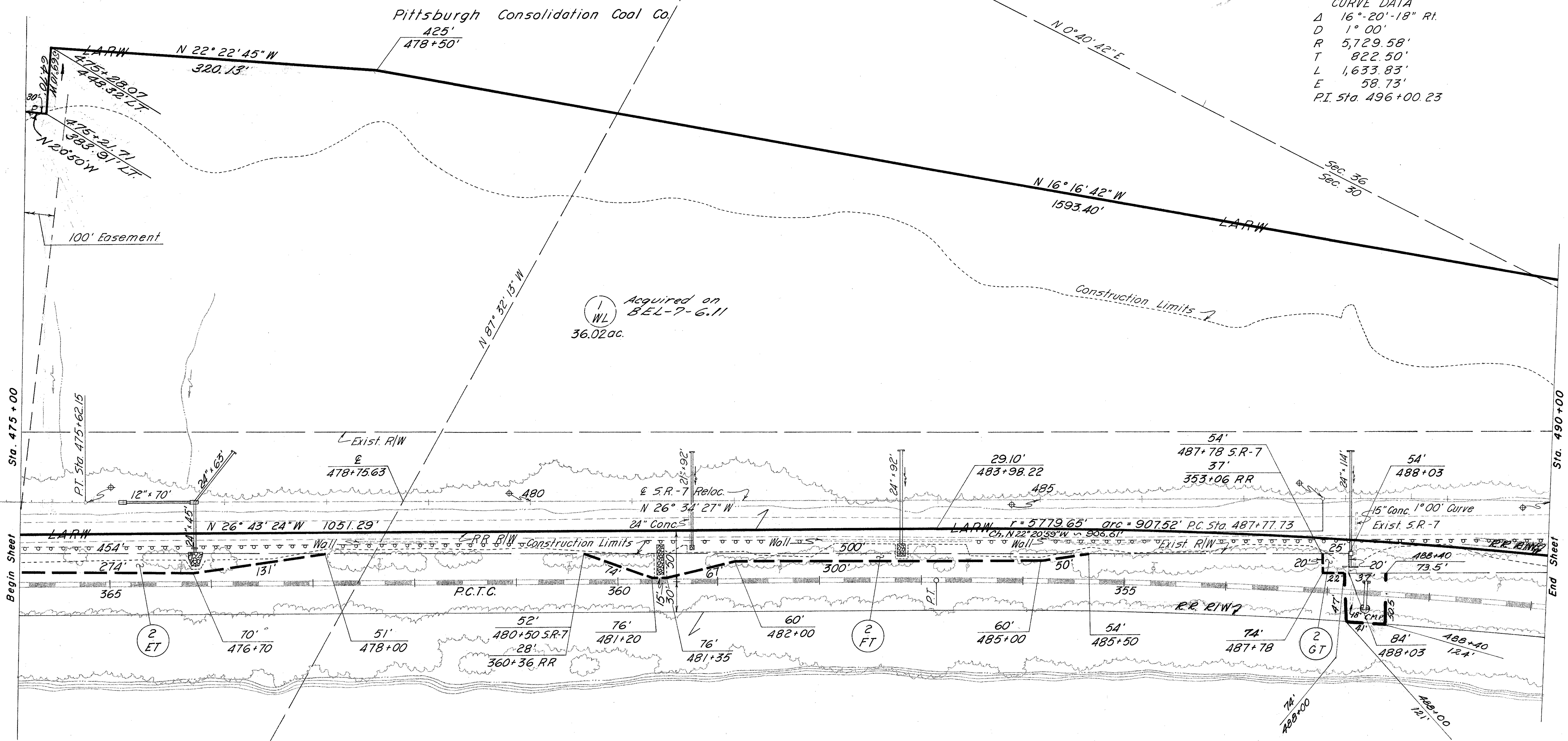
BEL-7-8.68

646  
666

13  
33

CURVE DATA  
 $\Delta$  11°-36'-06" Lt.  
 D 1°-00'  
 R 5729.58'  
 T 582.07'  
 L 1160.17'  
 E 29.51'  
 P.I. Sta. 469+84.05

CURVE DATA  
 $\Delta$  16°-20'-18" Rt.  
 D 1° 00'  
 R 5,729.58'  
 T 822.50'  
 L 1,633.83'  
 E 58.73'  
 P.I. Sta. 496+00.23



Sta. 475+00  
Begin Sheet

Sta. 490+00  
End Sheet

OHIO

RIVER

MEAD TWP.  
T1 R2  
Sections 29 & 30

RIGHT OF WAY Sta. 475+00 to Sta. 490+00

Date	Remarks	By
8-4-69	Rev. Par. 1 - WL	
9-3-69	Rev. Par. 1 - WL	
6-23-71	Expanded Parcel 2 G-T	
5-7-79	Added Chord Distance & Bearing on LARW Dist II Line between Parcel 1-WL and the Railroad RR	



MEAD TWP.  
T1 R2  
Sections 30 & 36

LIMITED ACCESS

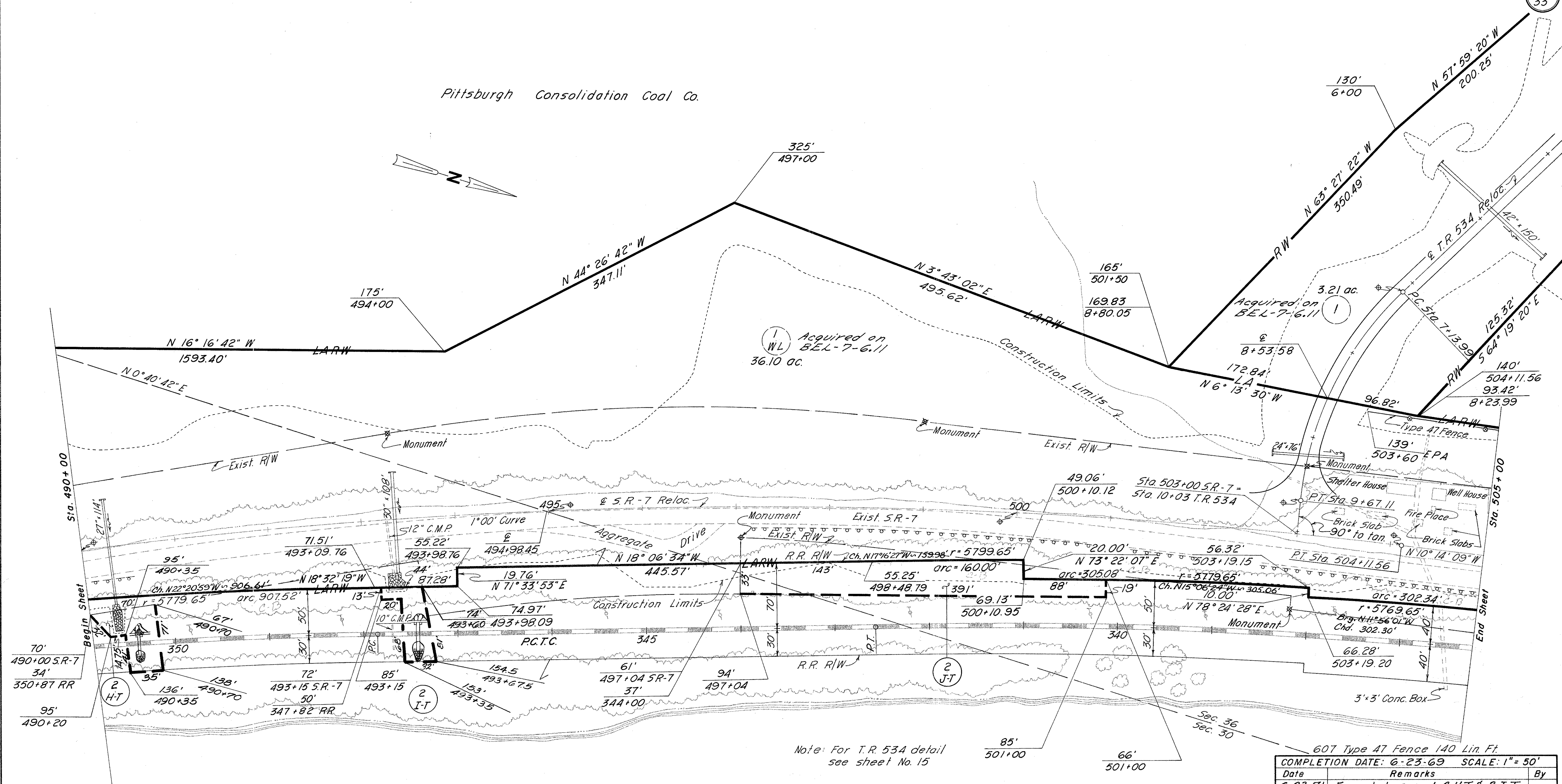
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

647  
666

14  
33

Pittsburgh Consolidation Coal Co.



Note: For T.R. 534 detail see sheet No. 15

607 Type A7 Fence 140 Lin. Ft.

COMPLETION DATE:	6-23-69	SCALE:	1" = 50'
Date	Remarks	By	
6-23-71	Expanded parcel & H-T & I-T		
5-7-79	Added Chord Distance & Bearing on LARW Line between Parcel I-WL and the Railroad R/W	Dist II	

OHIO

RIVER

MEAD TWP.  
T1 R2  
Sections 30 & 36

RIGHT OF WAY Sta. 490+00 to Sta. 505+00





MEAD TWP.  
T1 R2  
Sections 36

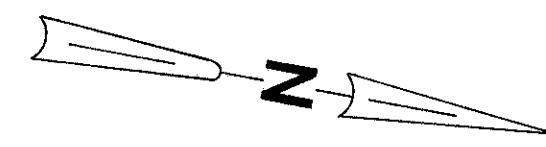
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FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

649  
666

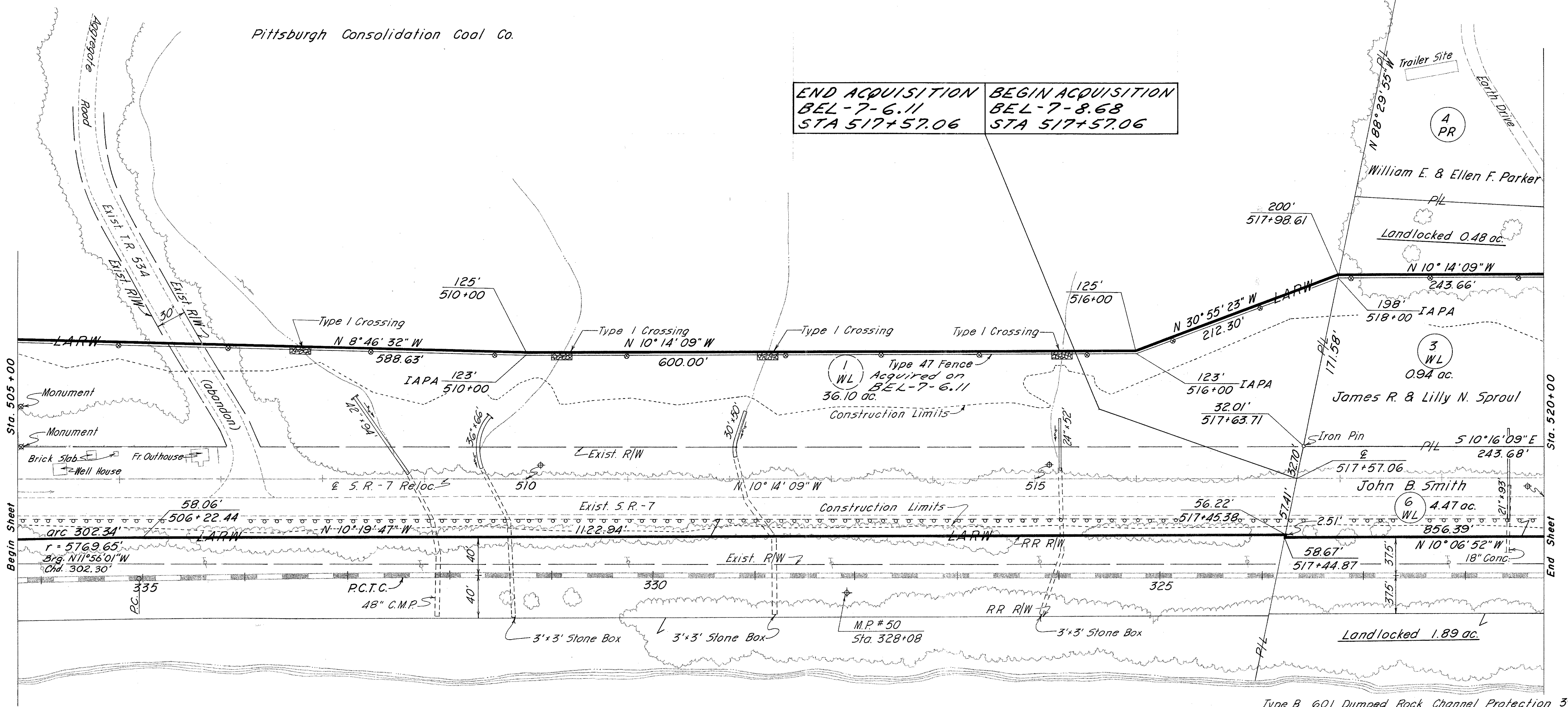
BEL-7-8.68

16  
33



Pittsburgh Consolidation Coal Co.

END ACQUISITION BEL-7-6.11 STA 517+57.06	BEGIN ACQUISITION BEL-7-8.68 STA 517+57.06
--	--



Sta. 505+00  
Begin Sheet

Sta. 520+00  
End Sheet

OHIO

RIVER

Note: For T.R. 534 details see sheet No. 15

MEAD TWP.  
T1 R2  
Sections 36

RIGHT OF WAY Sta. 505+00 to Sta. 520+00

Type B 601 Dumped Rock Channel Protection 36 Cu. Yds.  
607 Type 47 Fence 1522 Lin. Ft.

COMPLETION DATE: 6-23-69 SCALE: 1"= 50'		
Date	Remarks	By
5-22-70	Added Begin/End Acquisition Flag	
5-7-79	Add Chord Distance & Bearing on LARW Line Dist 11 between Parcel 1-WL and the Railroad RW	



MEAD TWP.  
T2 R2  
Section 31

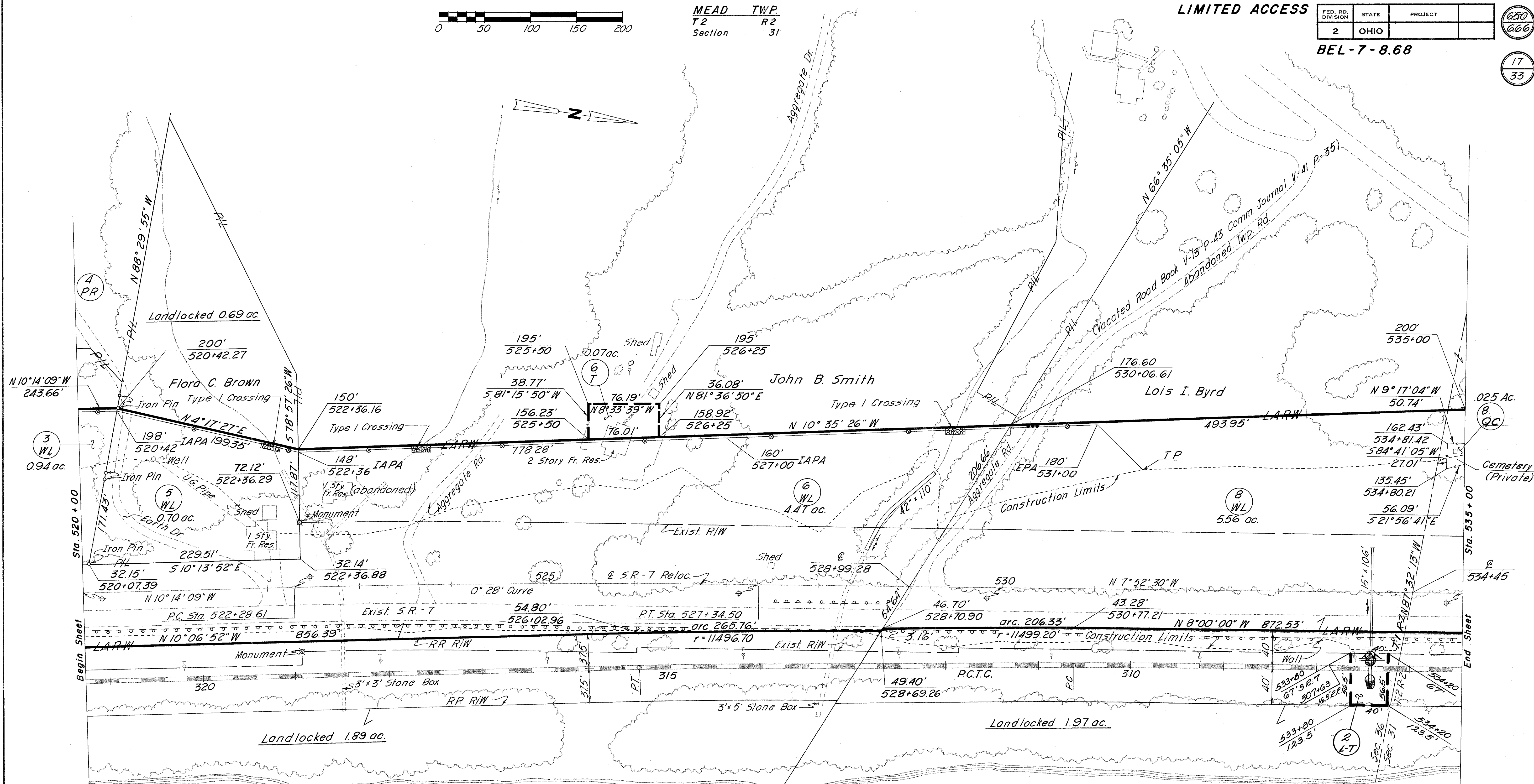
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

650  
666

17  
33



CURVE DATA  
 $\Delta$  2°-21'-39" Rt.  
 D 0°-28'  
 R 12,277.67'  
 T 252.98'  
 L 505.89'  
 E 2.58'  
 P.I. Sta. 524+81.59

MEAD TWP.  
T2 R2  
Sections 31

Type B 601 Dumped Rock Channel Protection 27 Cu Yds.  
 607 Type 47 Fence 1,188 Lin Ft.

COMPLETION DATE: 6-23-69 SCALE: 1" = 50'		
Date	Remarks	By
4/21/70	Removed Parcel 8A-WL	
6-23-71	Added Parcel 2 L-T	

OHIO

RIVER

RIGHT OF WAY Sta. 520+00 to Sta. 535+00



MEAD TWP.  
T2 R2  
Section 31

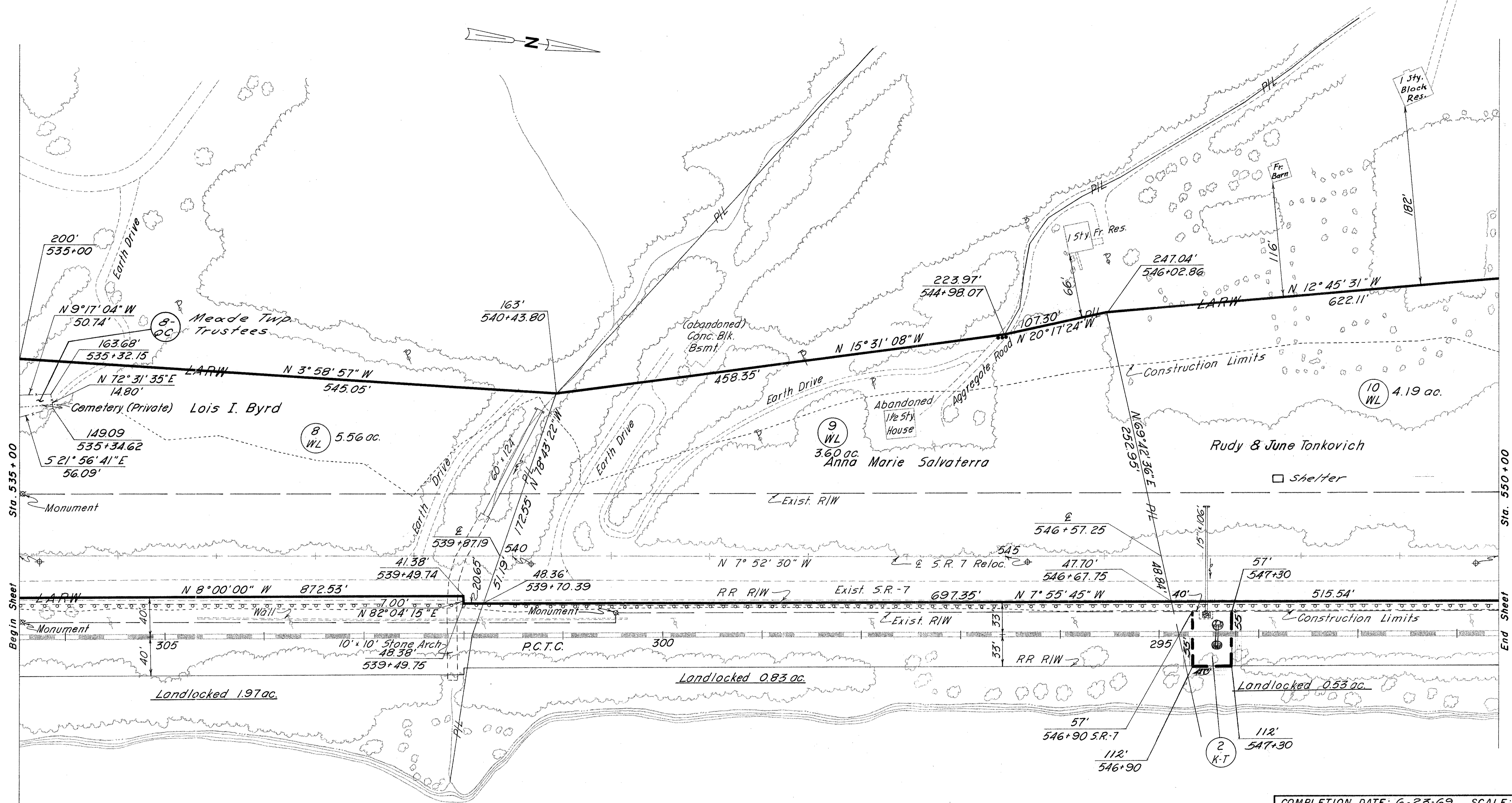
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

651  
666

BEL-7-8.68

18  
33



Sta. 535+00  
Begin Sheet

Sta. 550+00  
End Sheet

OHIO RIVER

MEAD TWP.  
T2 R2  
Section 31

RIGHT OF WAY Sta. 535+00 to Sta. 550+00

COMPLETION DATE: 6-23-69			SCALE: 1" = 50'
Date	Remarks	By	
10/16/69	Added Shelter to Parcel 10-WL		
10/31/69	Parcel No. 8-QC Added		
4/21/70	Removed Parcel 8A-WL		
6-23-71	Expanded Parcel 2-K-T		



MEAD TWP.  
T2 R2  
Section 31

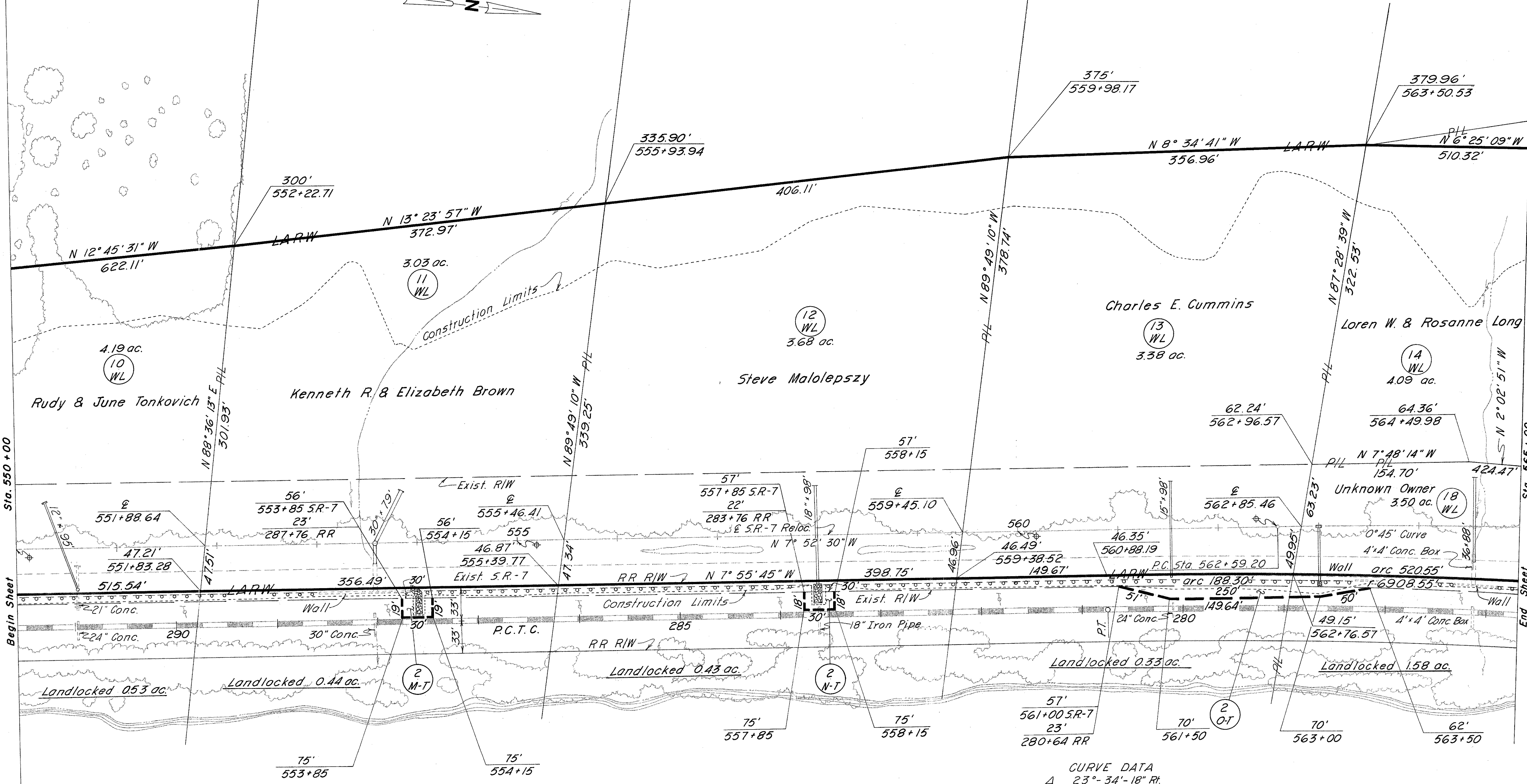
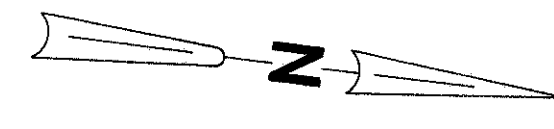
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

652  
666

BEL-7-8.68

19  
33



Sta. 550+00  
Begin Sheet

Sta. 565+00  
End Sheet

CURVE DATA  
 Δ 23°-34'-18" Rt.  
 D 0°-45'  
 R 7639.44'  
 T 1593.99'  
 L 3142.89'  
 E 164.48'  
 P.I. Sta. 578+53.19

COMPLETION DATE: 6-23-69 SCALE: 1" = 50'

Date	Remarks	By

MEAD TWP.  
T2 R2  
Section 31

RIGHT OF WAY Sta. 550+00 to Sta. 565+00



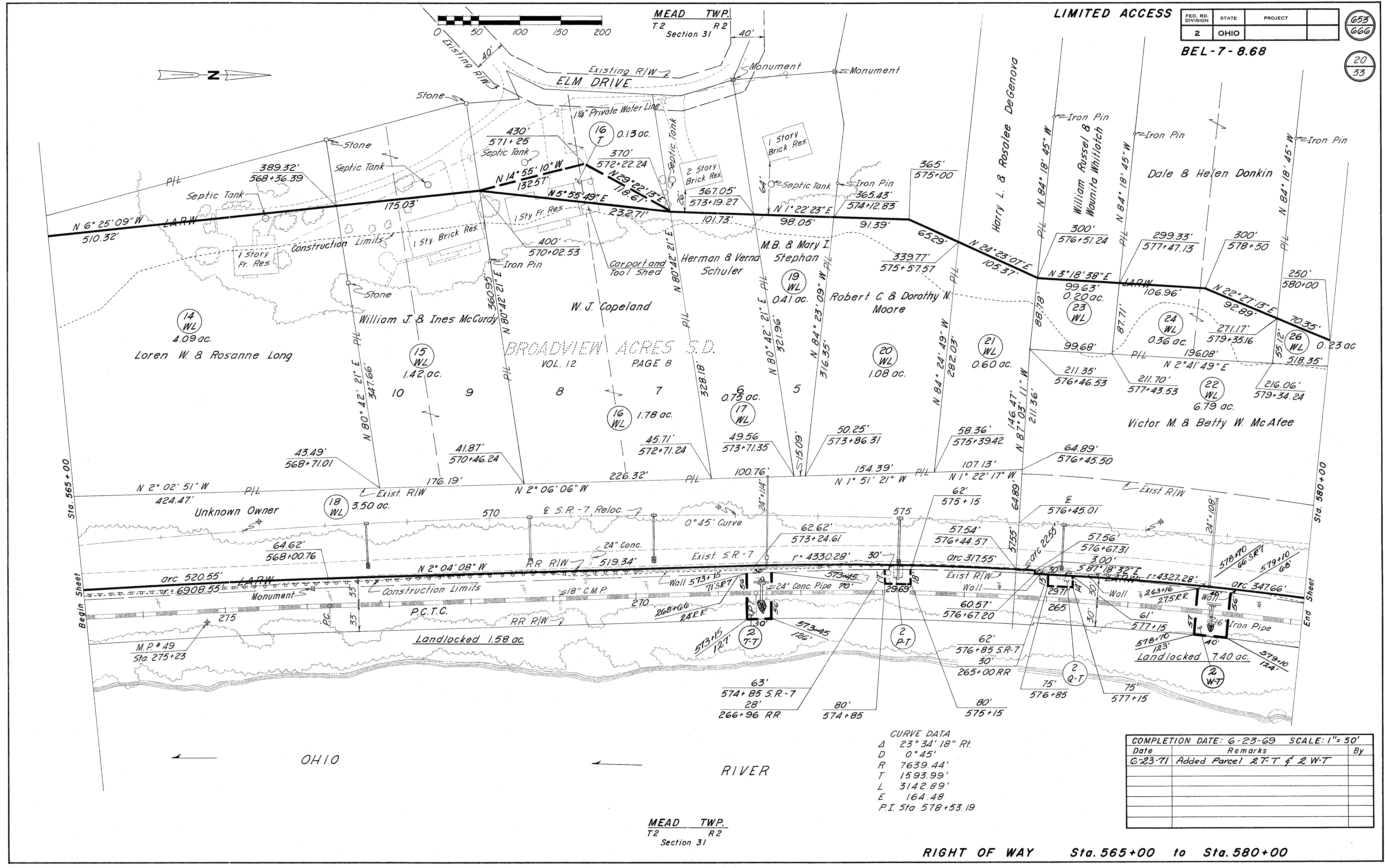
MEAD TWP.  
T2 R2  
Section 31

LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

653  
666  
20  
33



CURVE DATA  
 Δ 23° 34' 18" Rt.  
 D 0° 45'  
 R 7639.44'  
 T 1593.99'  
 L 3142.89'  
 E 164.48'  
 P.I. Sta 578+53.19

COMPLETION DATE: 6-23-69 SCALE: 1" = 50'		
Date	Remarks	By
6-23-71	Added Parcel 2 T-T & 2 W-T	

MEAD TWP.  
T2 R2  
Section 31

RIGHT OF WAY Sta. 565+00 to Sta. 580+00



MEAD TWP.  
T2 R2  
Sections 31 & 32

LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

654  
666

21  
33



Earl M. McGuire

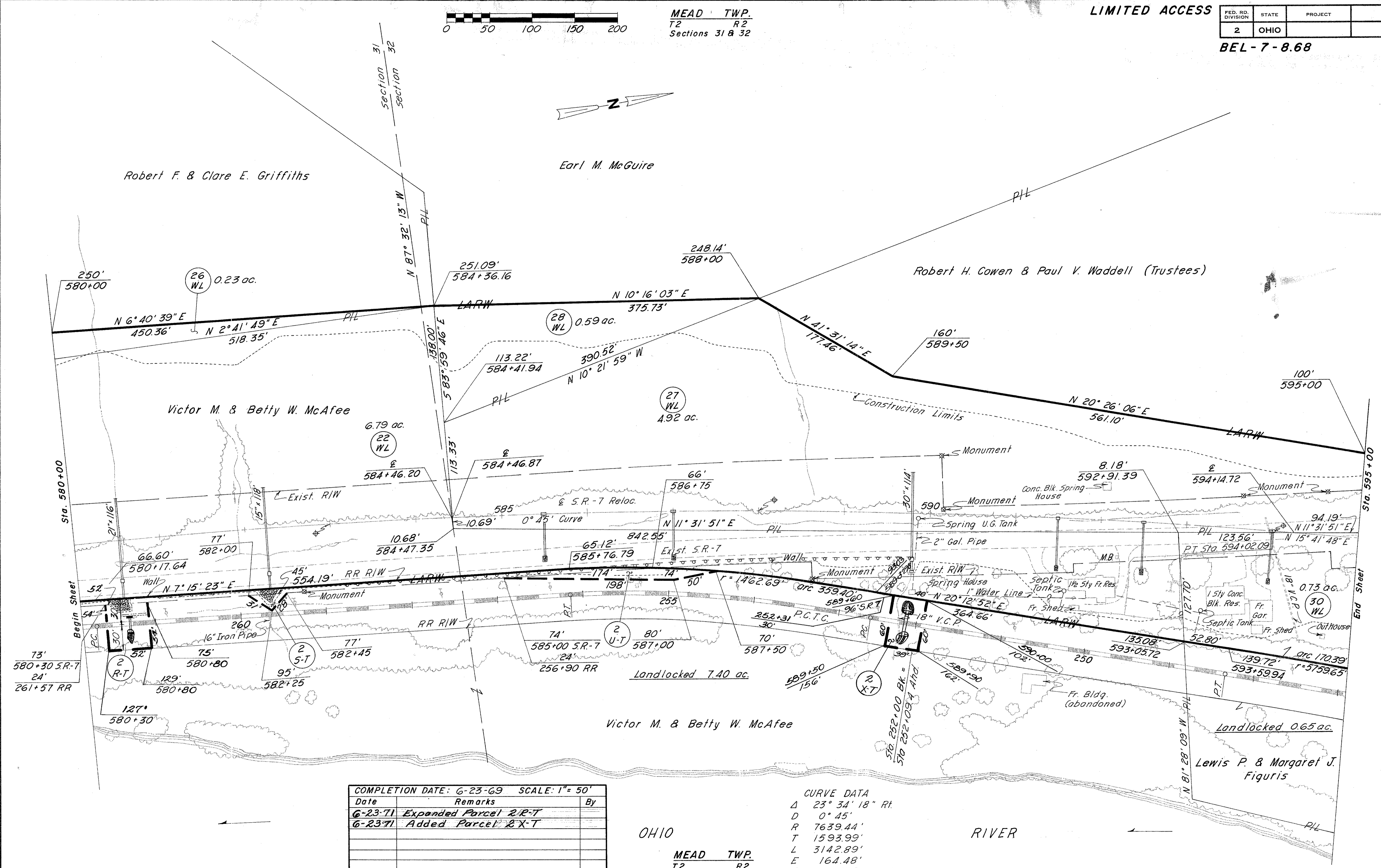
Robert F. & Clare E. Griffiths

Robert H. Cowen & Paul V. Waddell (Trustees)

Victor M. & Betty W. McAfee

Victor M. & Betty W. McAfee

Lewis P. & Margaret J. Figuris



COMPLETION DATE: 6-23-69 SCALE: 1" = 50'		
Date	Remarks	By
6-23-71	Expanded Parcel R/R-T	
6-23-71	Added Parcel R/R-T	

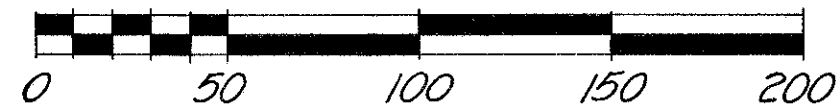
OHIO

MEAD TWP.  
T2 R2  
Sections 31 & 32

CURVE DATA  
 $\Delta$  23° 34' 18" Rt.  
 D 0° 45'  
 R 7639.44'  
 T 1593.99'  
 L 3142.89'  
 E 164.48'  
 P.I. Sta. 578 + 53.19

RIGHT OF WAY

Sta. 580+00 to Sta. 595+00



MEAD TWP.  
T2 R2  
Section 32

LIMITED ACCESS

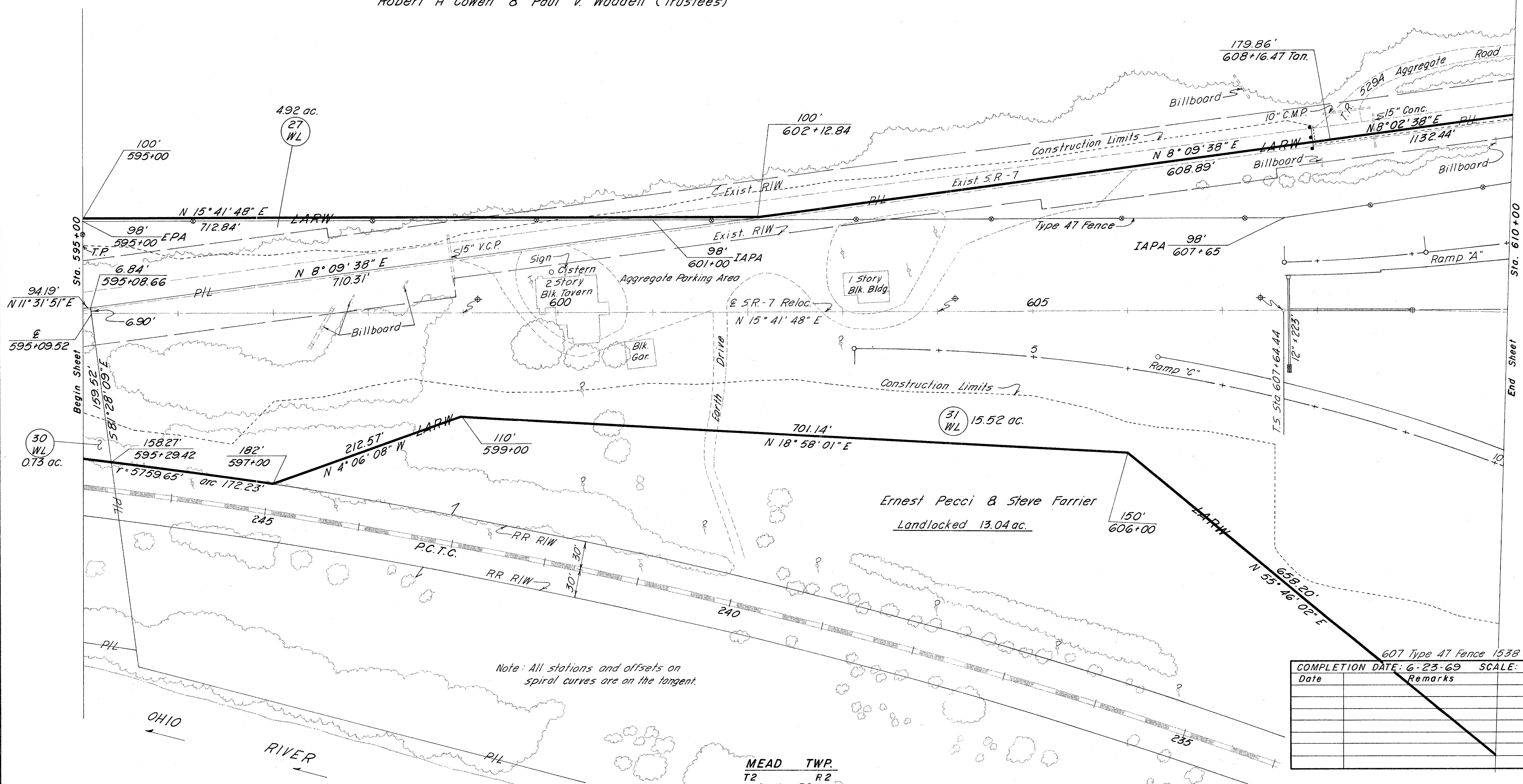
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

655  
666  
22  
33

SPIRAL DATA		CURVE DATA	
Ls	400'	Δc	41° 58' 10"
Os	6°	Dc	3° 00'
Ts	1174.19'	Rc	1909.86'
Es	237.24'	Tc	732.54'
P	3.49'	Lc	1398.98'
K	199.93'	Ec	126.68'
L.T.	266.82'	Δ	53° 58' 10"
ST.	133.47'	P.I. Bk.	619+38.63
		P.I. Ahd.	617+89.23

Robert H Cowen & Paul V. Waddell (Trustees)



Note: All stations and offsets on spiral curves are on the tangent.

607 Type 47 Fence 1538 Lin. Ft.

COMPLETION DATE: 6-23-69		SCALE: 1" = 50'	
Date	Remarks		By

MEAD TWP.  
T2 R2  
Section 32

RIGHT OF WAY Sta. 595+00 to Sta. 610+00



MEAD TWP.  
T2 R2  
Sections 26 & 32

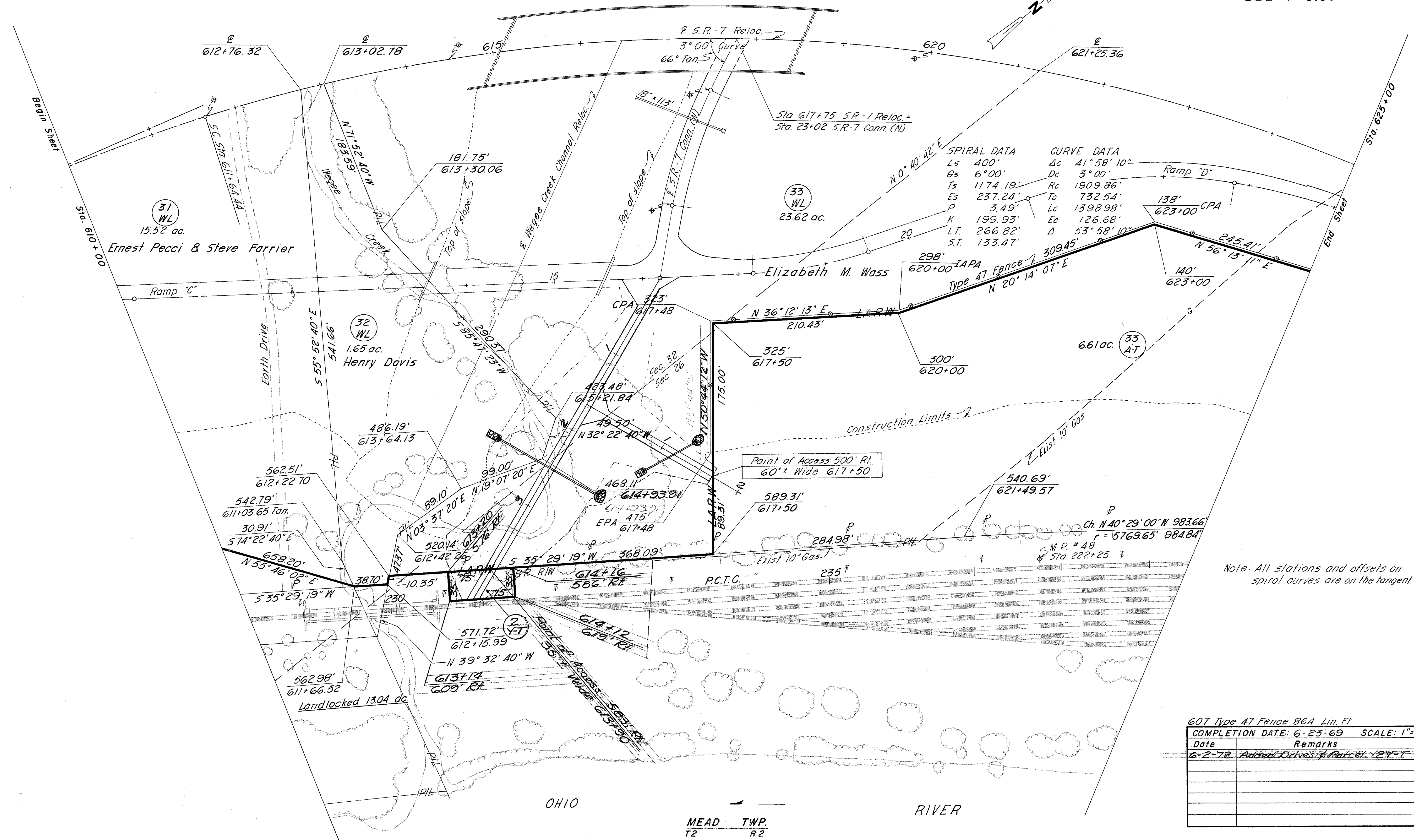
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL - 7 - 8.68

656  
666

23  
33



SPIRAL DATA		CURVE DATA	
Ls	400'	Δc	41° 58' 10"
Os	6° 00'	Dc	3° 00'
Ts	1174.19'	Rc	1909.86'
Es	237.24'	Tc	732.54'
P	3.49'	Lc	1398.98'
K	199.93'	Ec	126.68'
L.T.	266.82'	Δ	53° 58' 10"
S.T.	133.47'		

Note: All stations and offsets on spiral curves are on the tangent.

607 Type 47 Fence 864 Lin. Ft.

COMPLETION DATE:	6-23-69	SCALE:	1" = 50'
Date	Remarks		By
6-2-72	Added Drives & Parcel 2Y-T		

MEAD TWP.  
T2 R2  
Sections 26 & 32

RIGHT OF WAY Sta. 610+00 to Sta. 625+00 Right



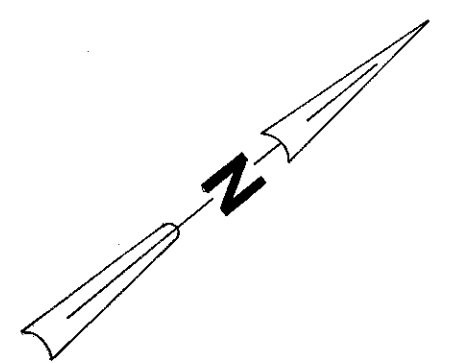
MEAD TWP.  
T2 R2  
Sections 26 & 32

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

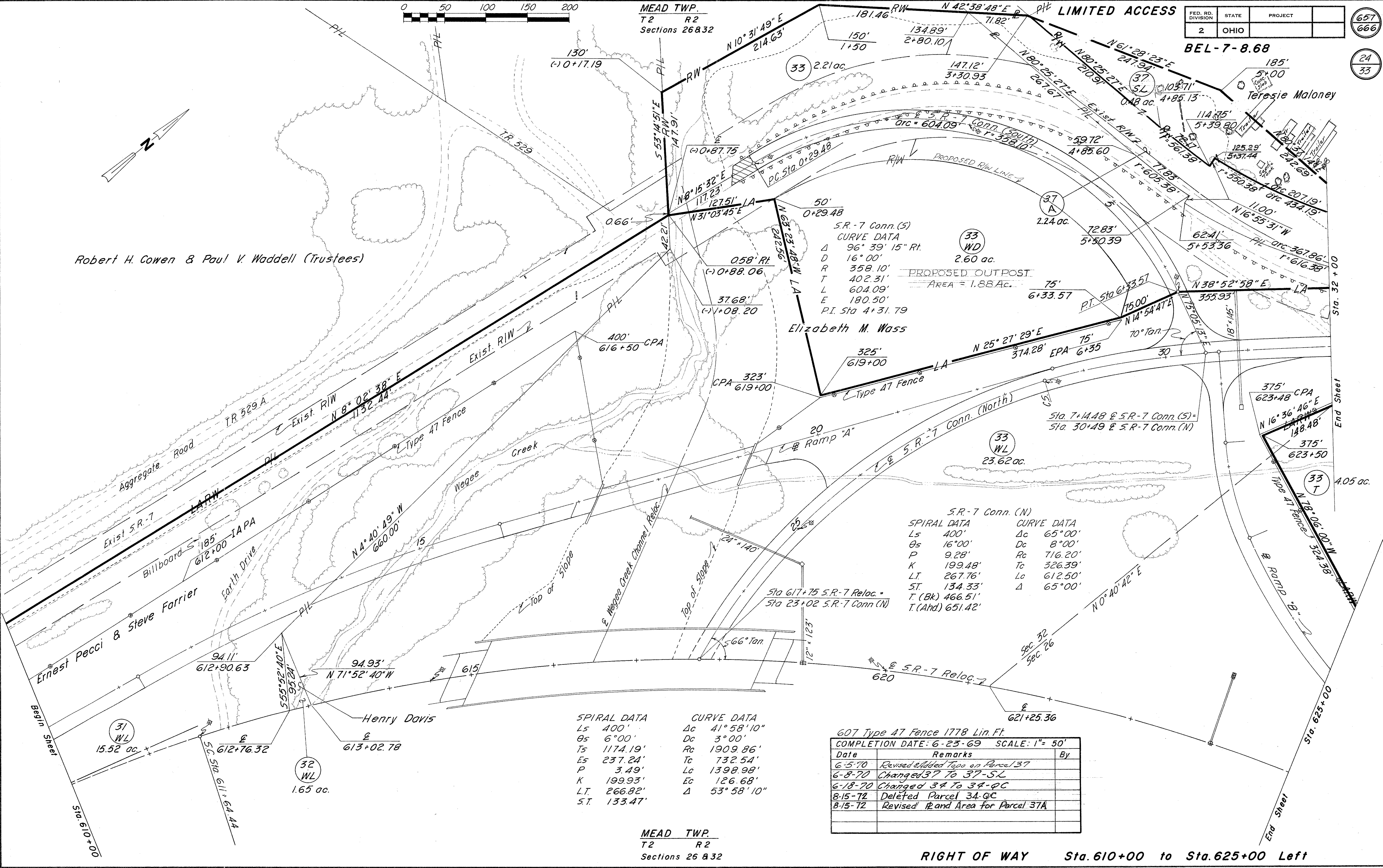
BEL-7-8.68

657  
666

24  
33



Robert H. Cowen & Paul V. Waddell (Trustees)



S.R.-7 Conn. (S)  
CURVE DATA  
Δ 96° 39' 15" Rt.  
D 16° 00'  
R 358.10'  
T 402.31'  
L 604.09'  
E 180.50'  
P.I. Sta 4+31.79

PROPOSED OUTPOST  
AREA = 1.88 Ac.

S.R.-7 Conn. (N)  
SPIRAL DATA  
Ls 400'  
θs 16° 00'  
P 9.28'  
K 199.48'  
LT 267.76'  
ST 134.33'  
T. (Bk) 466.51'  
T. (Ahd) 651.42'

CURVE DATA  
Δc 65° 00'  
Dc 8° 00'  
Rc 716.20'  
Tc 326.39'  
Lc 612.50'  
Δ 65° 00'

SPIRAL DATA  
Ls 400'  
θs 6° 00'  
Ts 1174.19'  
Es 237.24'  
P 3.49'  
K 199.93'  
LT 266.82'  
ST 133.47'

CURVE DATA  
Δc 41° 58' 10"  
Dc 3° 00'  
Rc 1909.86'  
Tc 732.54'  
Lc 1398.98'  
Ec 126.68'  
Δ 53° 58' 10"

607 Type 47 Fence 1778 Lin. Ft.

COMPLETION DATE: 6-23-69 SCALE: 1" = 50'

Date	Remarks	By
6-5-70	Revised Added Topo on Parcel 37	
6-8-70	Changed 37 To 37-SL	
6-18-70	Changed 34 To 34-QC	
8-15-72	Deleted Parcel 34-QC	
8-15-72	Revised Rand Area for Parcel 37A	

MEAD TWP.  
T2 R2  
Sections 26 & 32

RIGHT OF WAY Sta. 610+00 to Sta. 625+00 Left





VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Sections 26 & 27

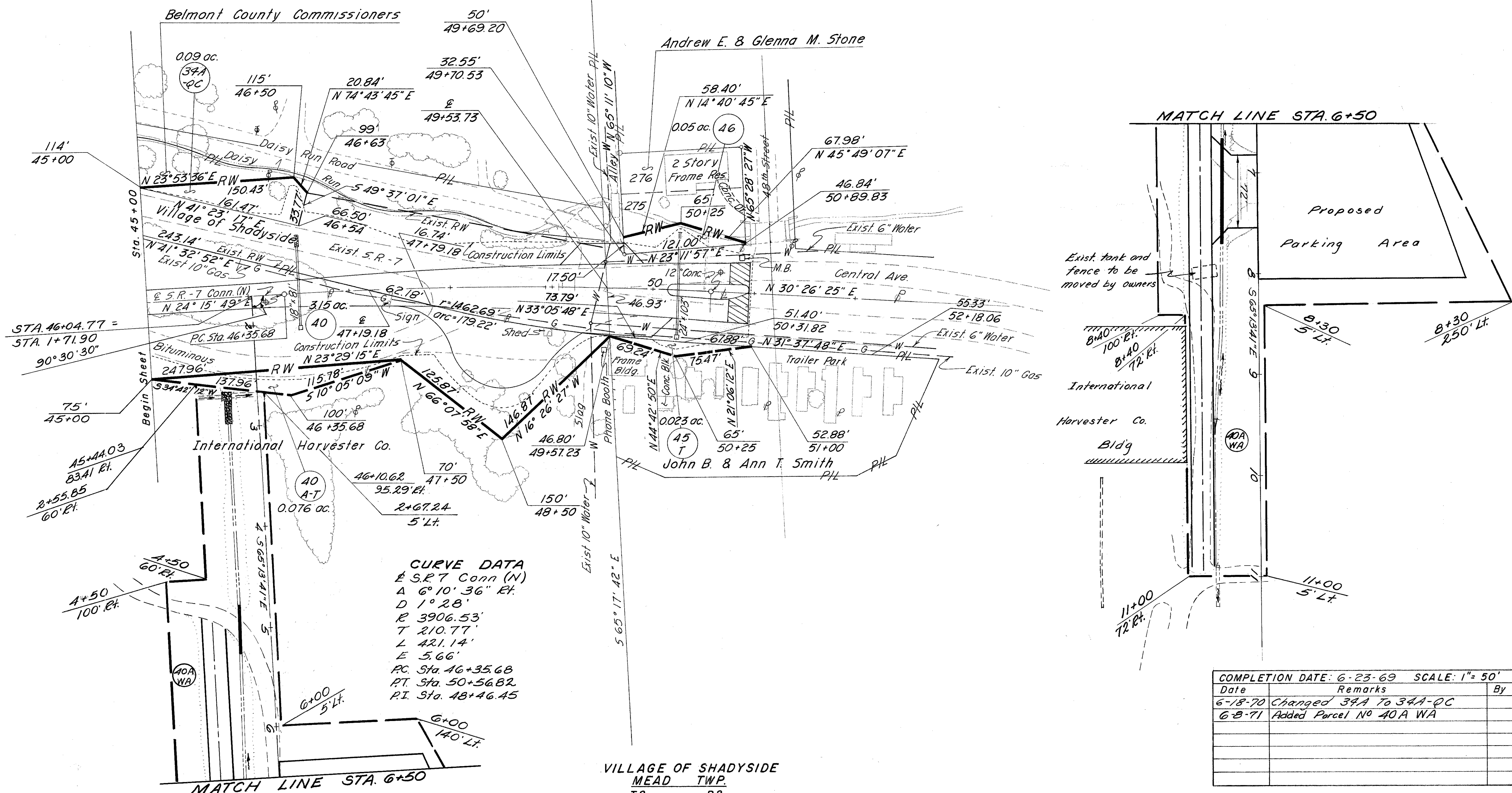
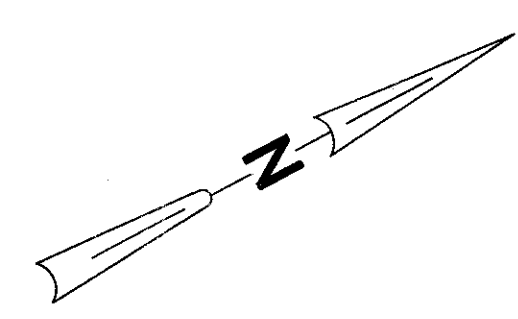
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FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

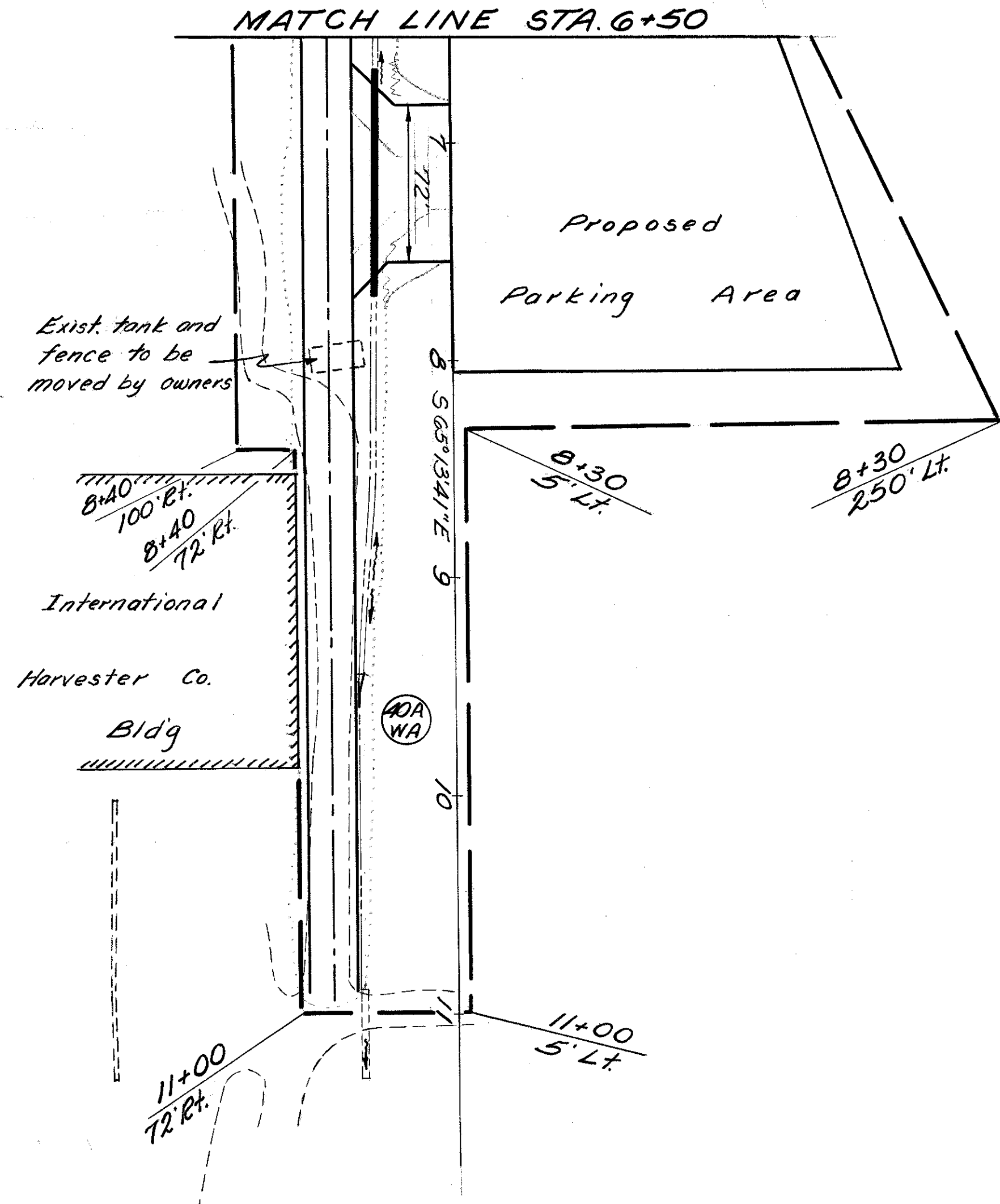
BEL-7-8.68

659  
666

26  
33



**CURVE DATA**  
 E S.R. 7 Conn (N)  
 Δ 6° 10' 36" R.  
 D 1° 28'  
 R 3906.53'  
 T 210.77'  
 L 421.14'  
 E 5.66'  
 P.C. Sta. 46+35.68  
 P.T. Sta. 50+56.82  
 P.I. Sta. 48+46.45



COMPLETION DATE: 6-23-69 SCALE: 1" = 50'

Date	Remarks	By
6-18-70	Changed 34A To 34A-OC	
6-8-71	Added Parcel No 40A WA	

VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Sections 26 & 27

RIGHT OF WAY S.R. 7 CONN. NORTH Sta. 45 + 00 to Sta. 51 + 00

LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

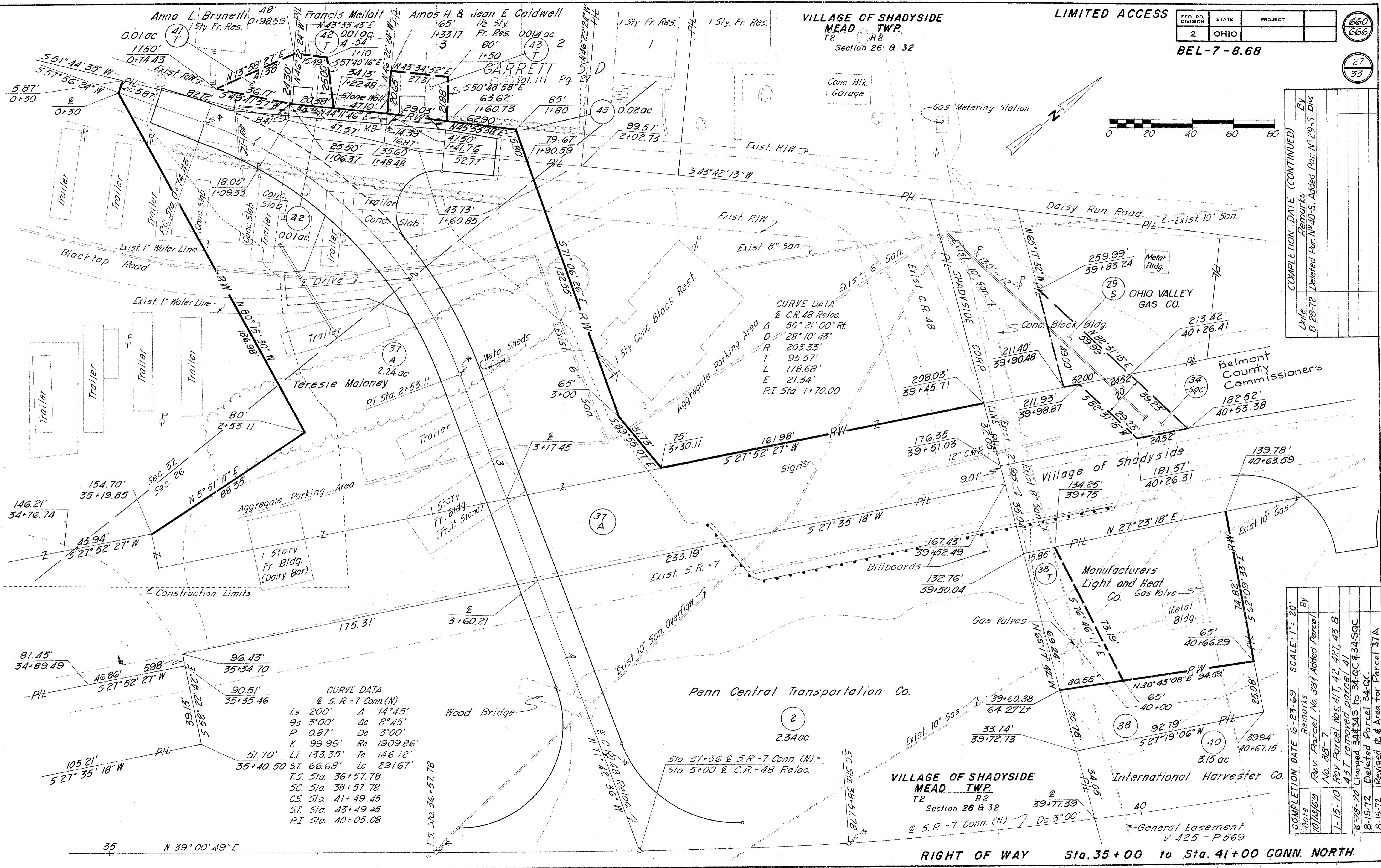
660  
666

27  
33

VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Section 26 & 32



COMPLETION DATE (CONTINUED)	By
8-28-72	Deleted Par. No. 40-S, Added Par. No. 29-S



CURVE DATA  
 @ C.R. 48 Reloc.  
 Δ 50° 21' 00" Rt.  
 D 28° 10' 43"  
 R 203.33'  
 T 95.57'  
 L 178.68'  
 E 21.34'  
 P.I. Sta. 1+70.00

CURVE DATA  
 @ S.R. -7 Conn. (N)  
 Ls 200' Δ 14° 45'  
 Os 3° 00' Δc 8° 45'  
 P 0.87' Δc 3° 00'  
 K 99.99' Rc 1909.86'  
 L.T. 133.35' Tc 146.12'  
 S.T. Sta. 36+57.78  
 S.C. Sta. 38+57.78  
 C.S. Sta. 41+49.45  
 S.T. Sta. 43+49.45  
 P.I. Sta. 40+05.08

COMPLETION DATE	SCALE	1" = 20'
10/18/69	Rev. Parcel No. 38f Added Parcel No. 38-T	By
1-15-70	Rev. Parcel Nos. 41, 42, 42T, 43 & 43T removed parcel 41	By
6-18-70	Changed 34f 34S to 34-QC & 34-SQC	By
8-15-72	Deleted Parcel 34-QC	By
8-15-72	Revised R. & Area for Parcel 37A	By

VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Section 26 & 32  
@ S.R. -7 Conn. (N) Δc 3° 00'

RIGHT OF WAY Sta. 35+00 to Sta. 41+00 CONN. NORTH



VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 Section 26 R2

LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

661  
666

28  
33

BEL-7-8.68

International Harvester Co.

2 T  
7.81 ac.

33 T  
4.05 ac.

Elizabeth M. Wass

Penn. Central Transportation Co.

CURVE DATA  
 $\Delta$  31° 03' 54"  
 D 1° 00'  
 R 5729.58'  
 T 1592.49'  
 L 3106.50'  
 E 217.21'  
 P.I. Sta. 654+19.14

160'  
625+63.42  
 N 72° 06' 00" W  
324.35'  
 Type 47 Fence  
 158'  
625+63 IAPA  
 Ramp "B"  
 25  
 51a. 625+00  
 Begin Sheet

33 WL  
23.62 ac.

EPA 98'  
630+06

123'  
625+63 IAPA

245.41'  
 SPIRAL DATA  
 Ls 400'  
 $\theta_s$  6° 00'  
 Ts 1174.19'  
 Es 237.24'  
 P 3.49'  
 K 199.93'  
 LT 266.82'  
 ST. 133.47'

CURVE DATA  
 $\Delta_c$  41° 58' 10"  
 Dc 3° 00'  
 Rc 1909.86'  
 Tc 732.54'  
 Lc 1398.98'  
 Ec 126.68'  
 $\Delta$  53° 58' 10"

33 AT  
6.61 ac.

383'  
627+00

390'  
627+50  
 RR RW  
 Construction Limits  
 $r=5769.65'$   
 $arc=984.84'$

Note: All stations and offsets on spiral curves are on the tangents.

VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 Section 26 R2

RIGHT OF WAY Sta. 625+00 to Sta. 640+00

607 Type 47 Fence 1228 Lin. Ft.

COMPLETION DATE:	6-23-69	SCALE:	1" = 50'
Date	Remarks	By	
6-8-71	Added Parcel 1/2 40 WA		

OHIO RIVER

Note: For RR details see sheet Nos 29 & 30

40' Easement V-476 P-1

End Sheet

40 WL  
15.05 ac.

2 Aerial

2 V-T

2 WL  
3.09 ac.

2 WL  
0.16 ac.

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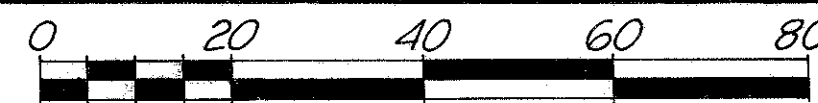
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MEAD TWP  
T2 R2  
Section 26

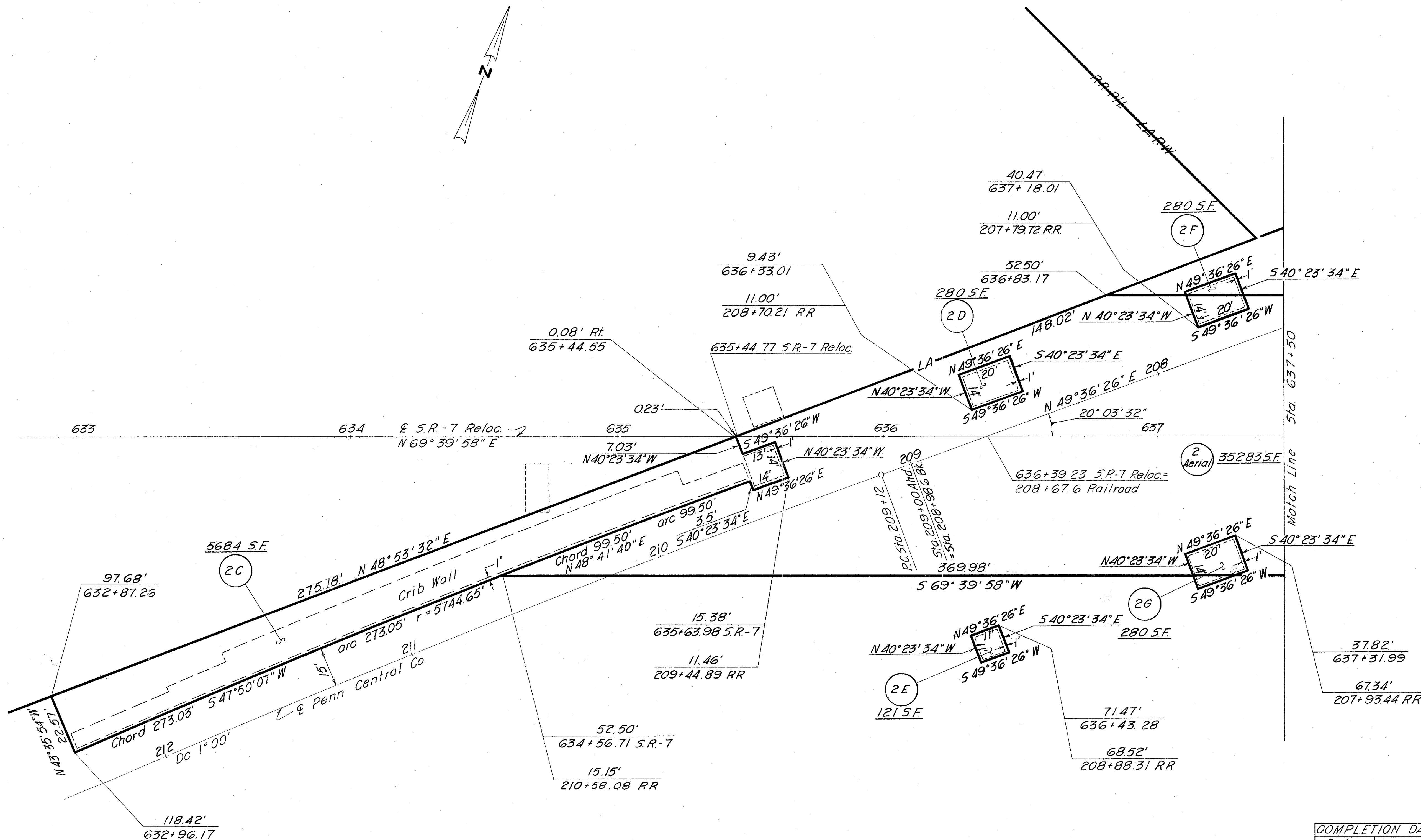
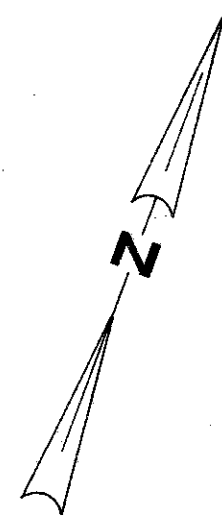
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT	FISCAL YEAR

662  
666

BEL-7-8.68

29  
33



Note: For Mainline details see sheet No's. 28 & 31

Railroad information shown on this plat was taken from RR Valuation Plat V-12 Ohio

MEAD TWP  
T2 R2  
Section 26

PENN CENTRAL CO. PLAT

COMPLETION DATE 6-23-69		SCALE 1"=20'
Date	Remarks	By



MEAD TWP.  
T2 R2  
Section 26

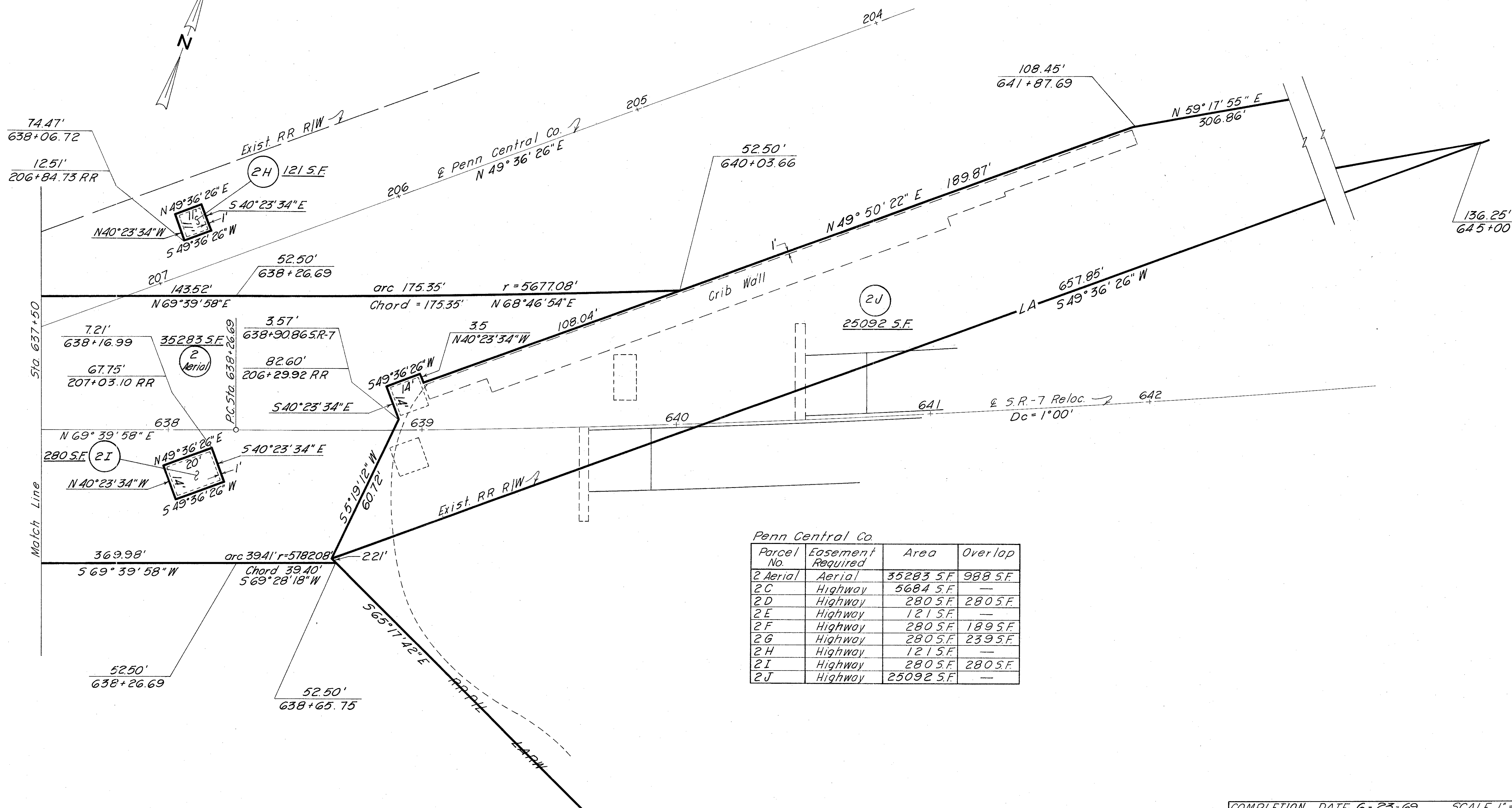
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT	FISCAL YEAR

663  
666

BEL-7-8.68

30  
35



Penn Central Co

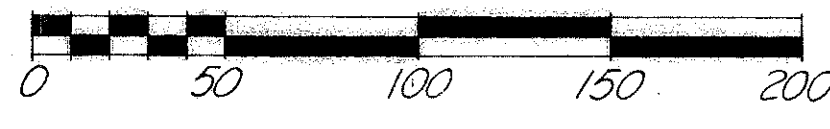
Parcel No.	Easement Required	Area	Overlap
2 Aerial	Aerial	35283 S.F.	988 S.F.
2C	Highway	5684 S.F.	—
2D	Highway	280 S.F.	280 S.F.
2E	Highway	121 S.F.	—
2F	Highway	280 S.F.	189 S.F.
2G	Highway	280 S.F.	239 S.F.
2H	Highway	121 S.F.	—
2I	Highway	280 S.F.	280 S.F.
2J	Highway	25092 S.F.	—

Note: For Mainline details  
see sheet Nos. 28 & 31

MEAD TWP.  
T2 R2  
Section 26

PENN CENTRAL CO. PLAT

COMPLETION DATE 6-23-69		SCALE 1"=20'
Date	Remarks	By



VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Section 26

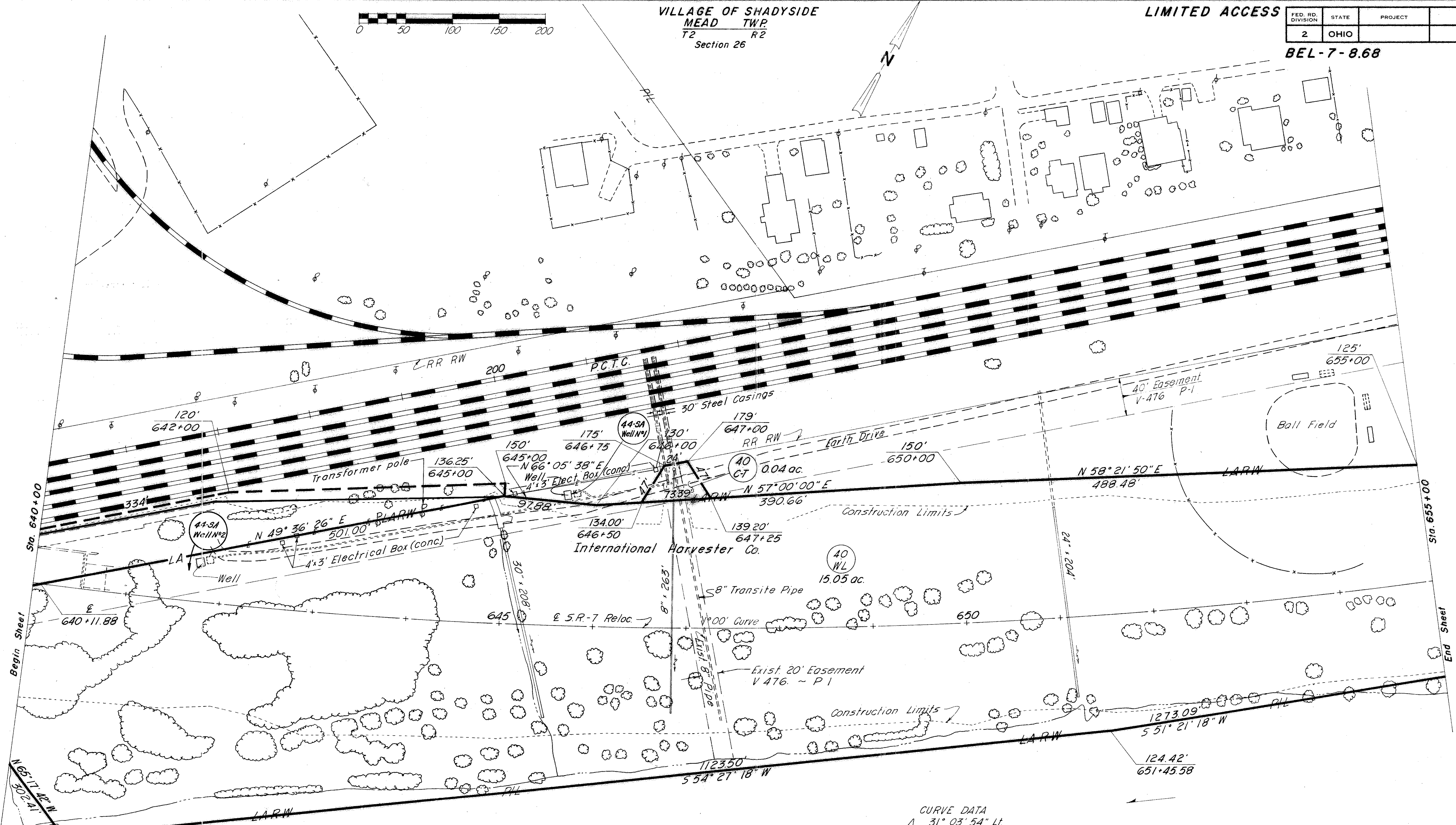
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

66A  
666

BEL-7-8.68

31  
33



CURVE DATA  
 $\Delta$  31° 03' 54" Lt  
 D 1° 00'  
 R 5729.58'  
 T 1592.45'  
 L 3106.50'  
 E 217.21'  
 P.I. Sta. 654+19.14

COMPLETION DATE: 6-23-69			SCALE: 1" = 50'
Date	Remarks	By	
4-27-70	Added Parcel 44-SA		
6-5-74	Added Parcel 4-SA-1		
6-27-74	Deleted Par. 41-SA-1, added Well N#1 and Well N#2 designation		

Note: For RR details see sheet Nos. 29 & 30

VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Section 26

RIGHT OF WAY Sta. 640+00 to Sta. 655+00

OHIO

RIVER

VILLAGE OF SHADYSIDE  
 MEAD TWP.  
 T2 R2  
 Sections 26 & 27

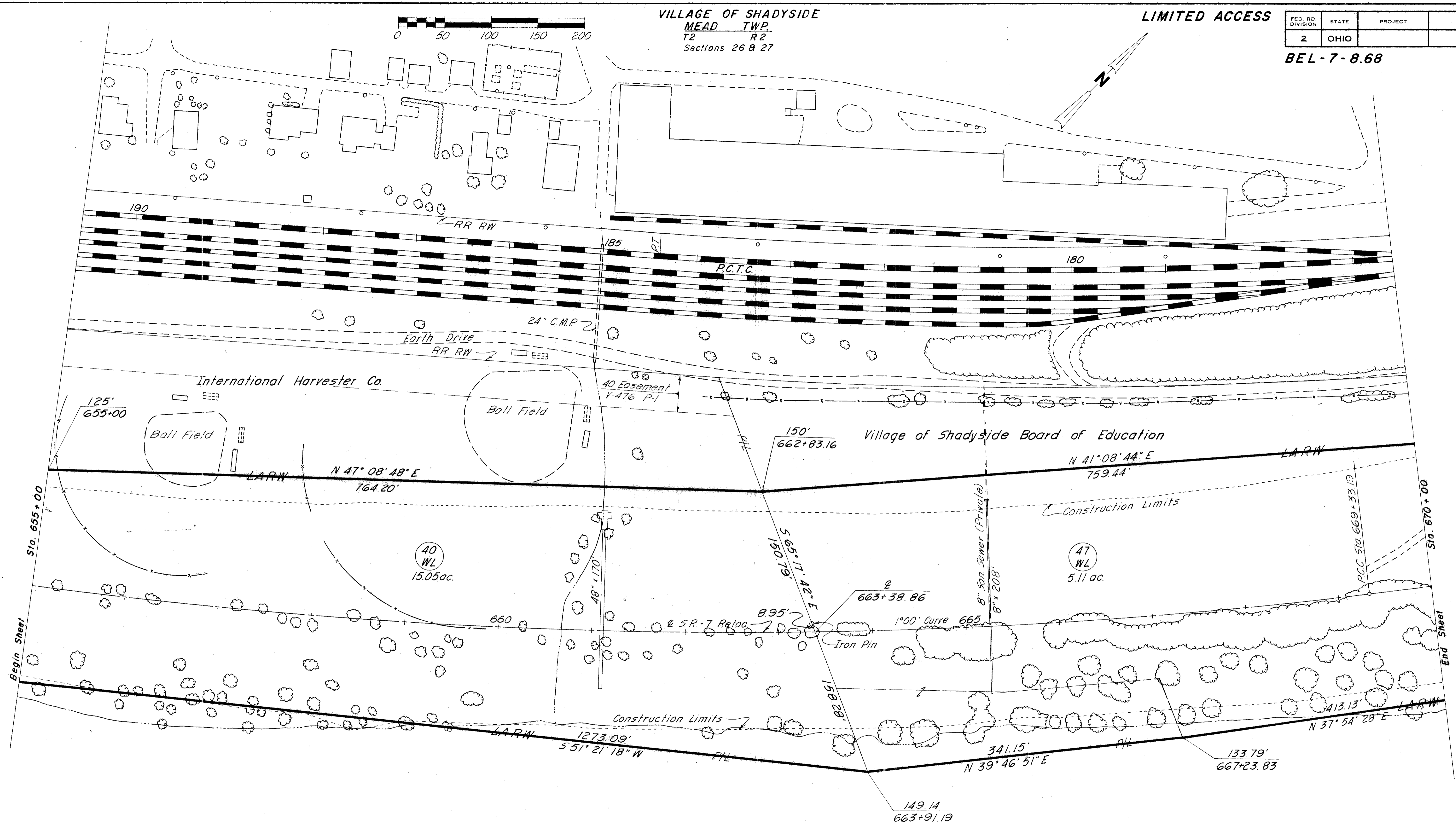
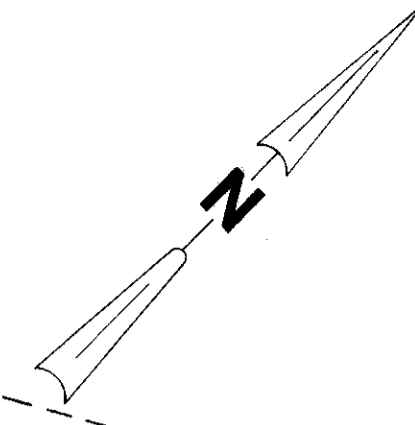
LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

BEL-7-8.68

666  
666

32  
33



OHIO

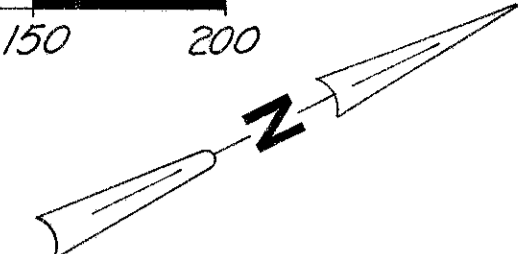
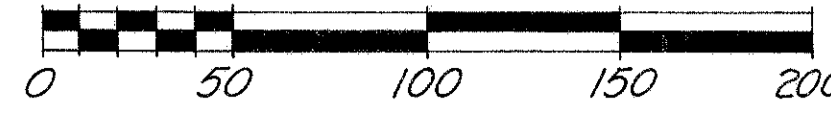
RIVER

CURVE DATA  
 Δ 31° 03' 54" Lt.  
 D 1° 00'  
 R 5729.58'  
 T 1592.45'  
 L 3106.50'  
 E 217.21'  
 P.I. Sta. 654+19.14

VILLAGE OF SHADYSIDE  
 MEAD TWP.  
 T2 R2  
 Sections 26 & 27

COMPLETION DATE: 6-23-69		SCALE: 1" = 50'
Date	Remarks	By

RIGHT OF WAY Sta. 655+00 to Sta. 670+00



VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Section 27

LIMITED ACCESS

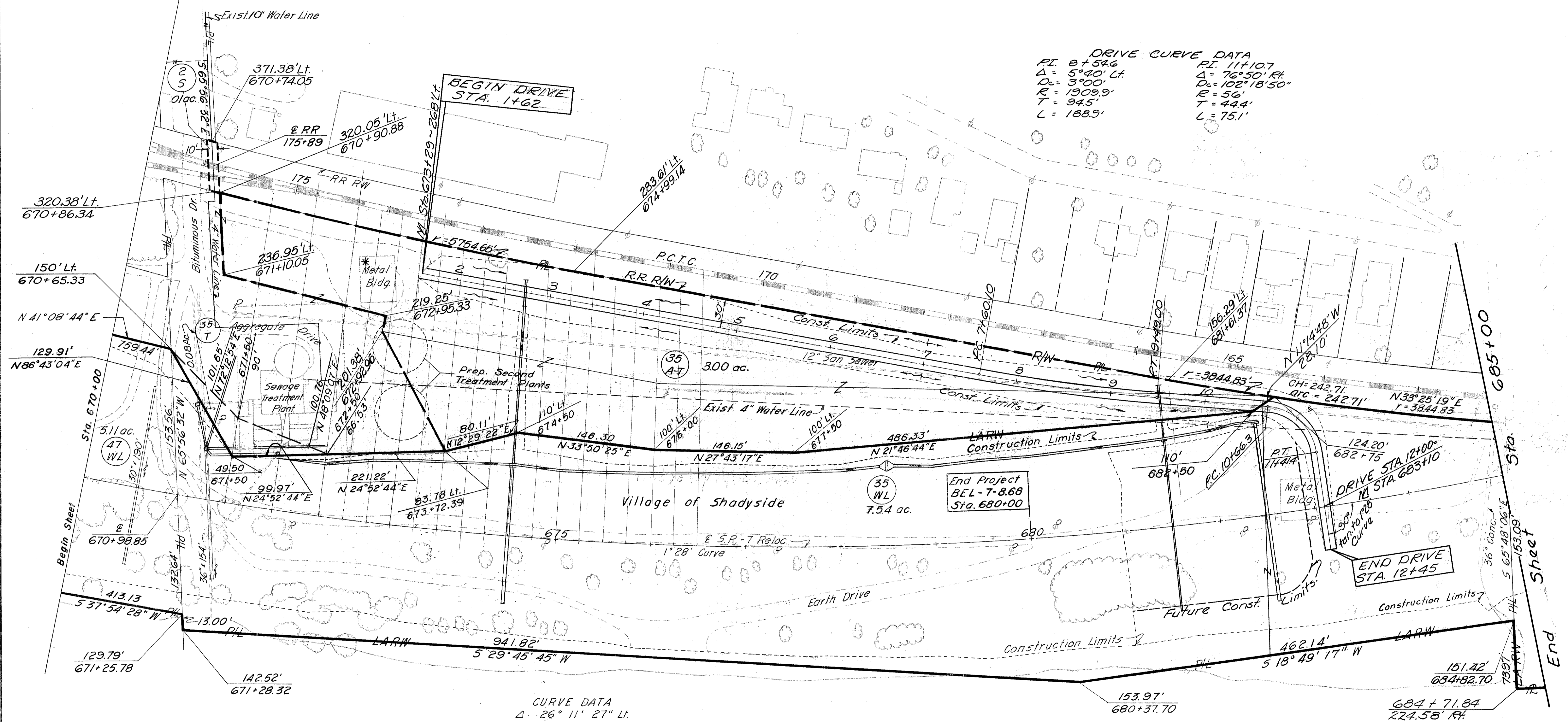
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

666  
666

BEL-7-8.68

33  
33

\* Note: Metal Building to remain undisturbed.



DRIVE CURVE DATA

PI. 8+54.6	PI. 11+10.7
Δ = 5°40' Lt.	Δ = 76°50' Rt.
D = 3°00'	D = 102°18'50"
R = 1909.9'	R = 56'
T = 94.5'	T = 44.4'
L = 188.9'	L = 75.1'

CURVE DATA

Δ = 26°11'27" Lt.
D = 1°28'
R = 3906.53'
T = 908.75'
L = 1785.74'
E = 104.30'
PI. Sta. 678+41.94

VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Section 27

COMPLETION DATE: 6-23-69 SCALE: 1" = 50'

Date	Remarks	By
6-16-71	Rev. - West R/W on Parcel 35-WL	
4-4-73	Rev. Call Points on Parcel 2-5	Dist/II
6-16-71	Adjusted Parcel 35-T	
9-22-72	Added Parcel 49-WD	Div.
9-26-72	Added Note - Parcel No 49-WD	Div.
1-26-73	Rev. Par. 35-WL, Added Par. 35A-T & Del. Par. 49-WD	Dist.

RIGHT OF WAY Sta. 670+00 to Sta. 685+00

VILLAGE OF SHADYSIDE  
MEAD TWP.  
T2 R2  
Section 27

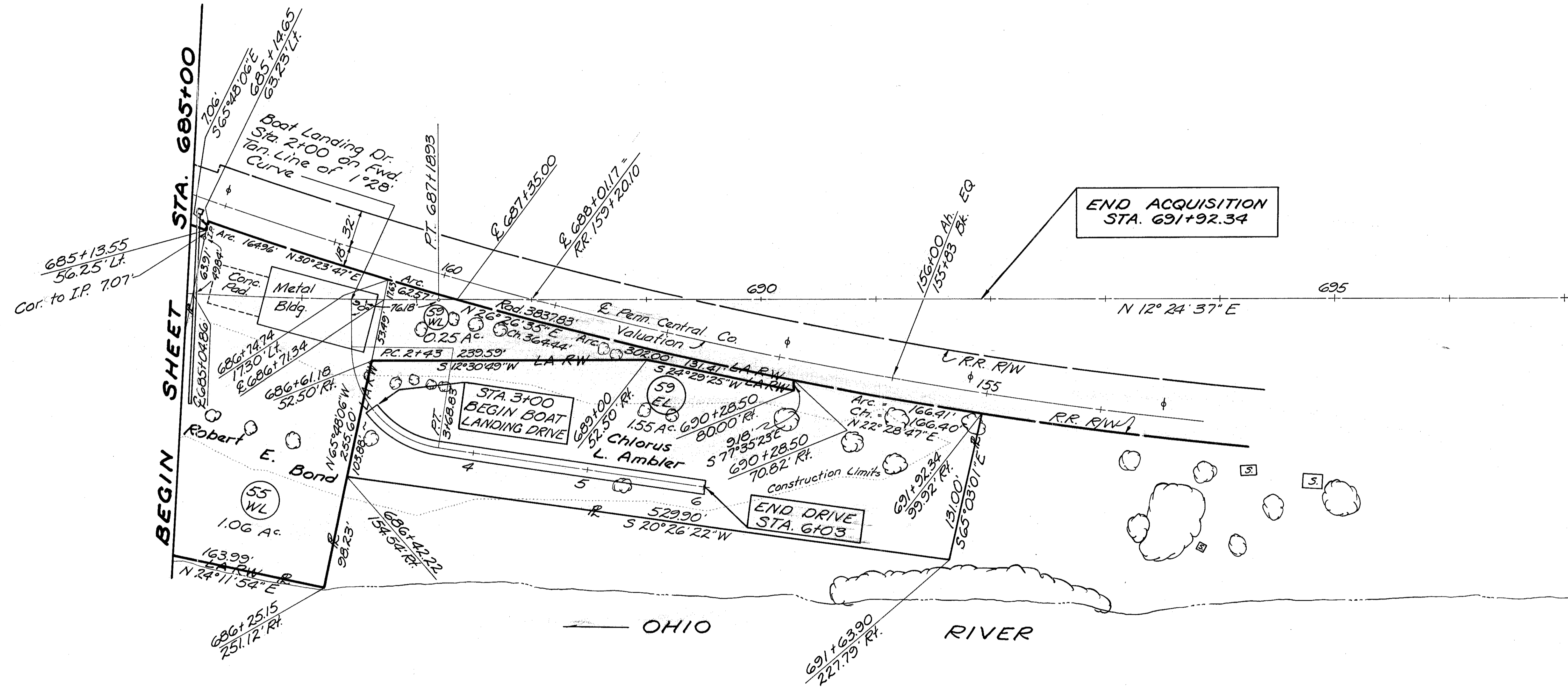
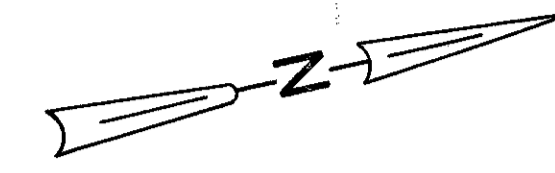
LIMITED ACCESS

FHWA REGION	STATE	PROJECT
5	OHIO	

666A  
666

33A  
33

BEL-7-868



685+13.55  
56.25' Lt.  
Cor. to I.P. 7.07'

END ACQUISITION  
STA. 691+92.34

Boat Landing Dr.  
Curve Data  
P.I. 3+19.31  
Δ = 81°55'23" Lt.  
R = 88'  
T = 76.31'

COMPLETION DATE: 6-23-69 SCALE:

Date	Remarks

RIGHT OF WAY Sta. 685+00 to Sta. 697+00