

17047

F-642 (2)

FED. RD. DIV. NO.	STATE	FED. AID PROJECT	FISCAL YEAR	
2	OHIO	F-642(2)	1947	1/85

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS

WILLIAMS COUNTY  
S.H. 717 Sec. A & B (pt.)  
S.H. 309 Sec. C (pt.)  
S.H. 304 Sec. A (pt.)  
WIL-384-0.00

**PART No 2**  
For Part No 1 see  
Williams Co., S.H. 309, Sec. C (Pt.)

BRYAN-EDGERTON ROAD S.H. 309 Sec. C (pt.)  
EDGERTON-RIDGEVILLE CORNERS ROAD S.H. 717 Sec. A & B (pt.)  
BRYAN-Ft. WAYNE ROAD S.H. 304 Sec. A (pt.)  
WILLIAMS COUNTY  
St. JOSEPH & CENTER TOWNSHIPS

**CONVENTIONAL SIGNS**

STATE LINE	-----
COUNTY LINE	-----
TOWNSHIP LINE	-----
SECTION LINE	-----
CENTER LINE	-----
PROPERTY LINE	-----
CITY OR VILLAGE LINE	-----
FENCE LINE	x x x x x
STEAM RAILROAD	⊕ ⊕ ⊕ ⊕ ⊕
POLE LINE	⊕ ⊕ ⊕ ⊕ ⊕
GUARD RAIL	-----
DRAIN PIPE, NEW	-----
DRAIN PIPE, OLD	-----

**INDEX OF SHEETS**

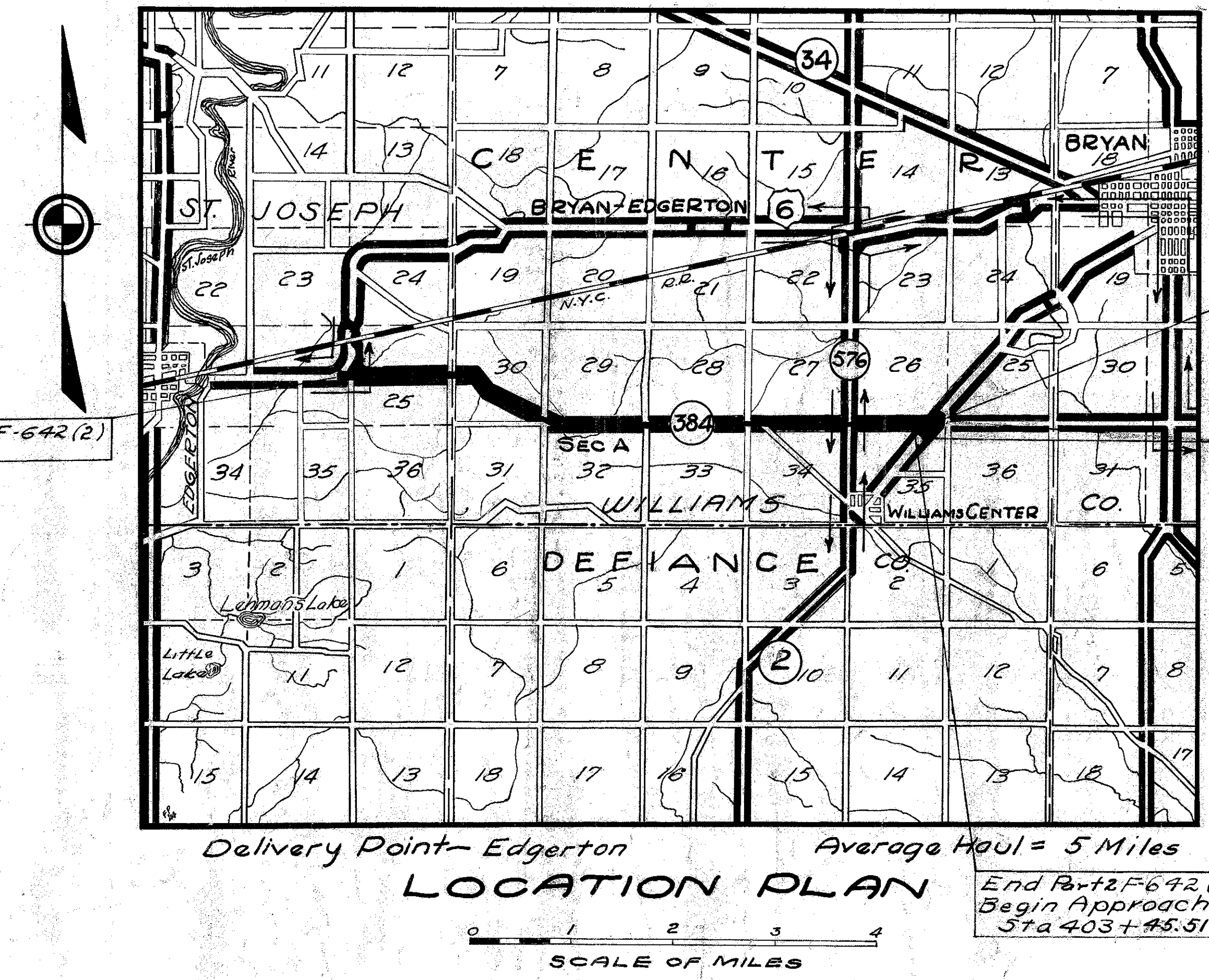
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**LINE DATA**

Begin F.A.P F-642(2) Part 2 ~ Sta 81+50  
End F.A.P F-642(2) Part 2 ~ Sta 403+17.09  
Net Length of F.A.P F-642(2) Part 2 = 32,167.09 Lin. Ft.  
Net Length of F.A.P F-642(2) Part 1 = 6,600.18 Lin. Ft.  
Net Length of F.A.P F-642(2) = 38,767.27 Lin. Ft. or 7.342 Miles

Begin Approach on S.H. 304 ~ Sta. 64+00  
End Approach on S.H. 304 ~ Sta 74+40  
Net Length of Approach on S.H. 304 = 1040 Lin. Ft or 0.197 Miles

Begin Approach Work on S.H. 717 ~ Sta. 403+45.51  
End Approach Work on S.H. 717 ~ Sta 411+00  
Net Length of Approach Work = 754.49 Lin. Ft. or 0.142 Miles (on S.H. 717)  
Net Length of Work = 40,561.54 Lin. Ft. or 7.682 Miles



The Standard Specifications of The State of Ohio, Department of Highways, including changes and Supplemental Specifications listed in the Proposal shall govern this improvement.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that a detour will be provided as shown on the plans and estimates.

End APPROACH  
Sta 411+00, S.H. 717, Sec B (Pt.)  
Sta 74+40 S.H. 304, Sec A (Pt.)

The Right-of-Way necessary for this improvement will be provided by the State of Ohio.

Begin APPROACH on S.H. 304  
Sta. 64+00

Approved Wilford B. Robinson  
Date 3-15-47 Division Deputy Director

Approved \_\_\_\_\_  
Date \_\_\_\_\_ Chief Engineer, Bureau of Maintenance

Approved Arthur  
Date 5-6-47 Chief Engineer, Bureau of Bridges & R.R. Crossings

Approved George J. Thumyer  
Date 5-15-47 Chief Engineer, Bureau of Location & Design

Approved \_\_\_\_\_  
Date \_\_\_\_\_ First Asst. Director & Chief Engineer

Approved Henry D. Sheffer  
Date 5-15-47 Director of Highways.

PORTION TO BE IMPROVED  
STATE HIGHWAYS  
OTHER HIGHWAYS  
DETOURS SHOWN THUS

**SCALES**

PLAN 1" = 50'  
PROFILE - HORIZONTAL 1" = 50'  
PROFILE - VERTICAL 1" = 5'  
CROSS SECTIONS 1" = 5'

CONSTRUCTION BUREAU  
JUL 22 1955  
GROUND PHOTOLAB

FILE NO	WILLIAMS COUNTY
	S.H. 717 SECTION A & B (PT)
	S.H. 309 SECTION C (PT)
	S.H. 304 SECTION A (PT)
	DATE OF LETTING 194
	CONTRACT NO.

STANDARD DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	
*G-8.07	2-1-47	L-3	2-1-47
*I-1, 2, 3, 4 & 5	2-20-45	*B-T-71R	2-1-47
*I-B.C.B. 1-2A & B	12-15-41	*B-T-50-70-TIEN#1	12-1-43
*F-8.C.B. 2-2A & B	12-15-41	*S-27.P.C.3	2-20-45
*I-B.C.B. 1-3 & 1-4	12-15-41		
*I-B.C.B. 2-3 & 2-4	12-15-41		
*I-12	7-1-42		

Recommended for Approval

Approved \_\_\_\_\_  
District Engineer  
Public Roads Administration  
Federal Works Agency

Approved \_\_\_\_\_  
Division Engineer  
Public Roads Administration  
Federal Works Agency

WILLIAMS COUNTY  
S.H. 717 SEC. A & B (PA)  
S.H. 309 SEC. C (PA)  
S.H. 304 SEC. A (PA)

ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 I-4 Pipe Under Drains for Lin. Ft.	I-5 Pipe Specials Each Lin. Ft.	I-3 Pipe Roadway Drainage Under Pw. Lin. Ft.	I-3 Pipe Roadway Drainage Under Pw. Lin. Ft.	I-10 Rip-Rap Sq. Yds	E-12 Pipe Removed & stored Lin. Ft.	
	From	To								
1-D	81+50	93+00	Lt	1149	36	1				
2-D	81+50	93+00	Rt	1149	44	1				
3-D	87+28	93+00	Rt			1	571			
4-D	89+33	90+05	Rt					72	40	
5-D	87+28	88+00	Rt				80			
Totals				2298	80	2	1 571	80	72	40

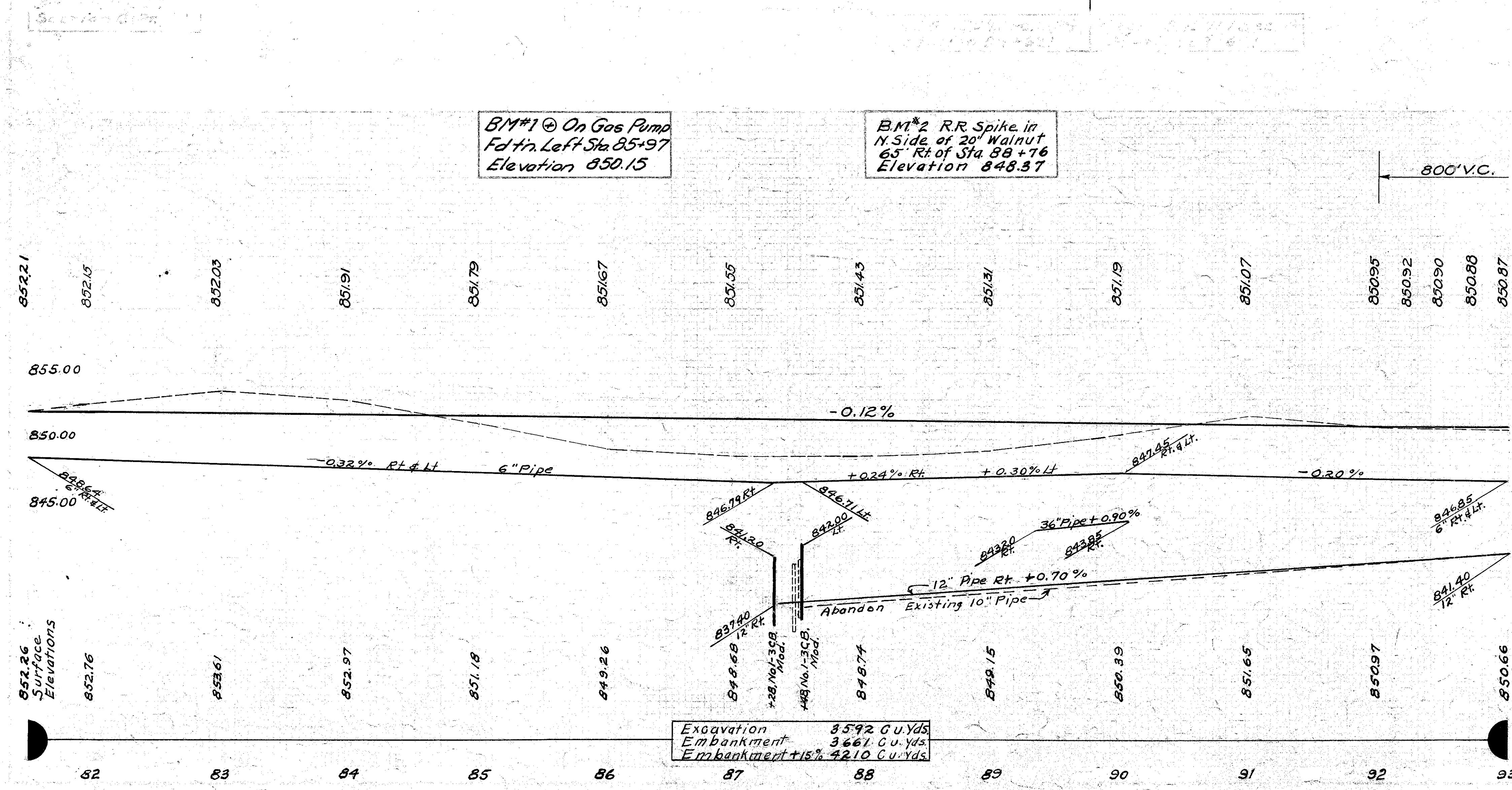
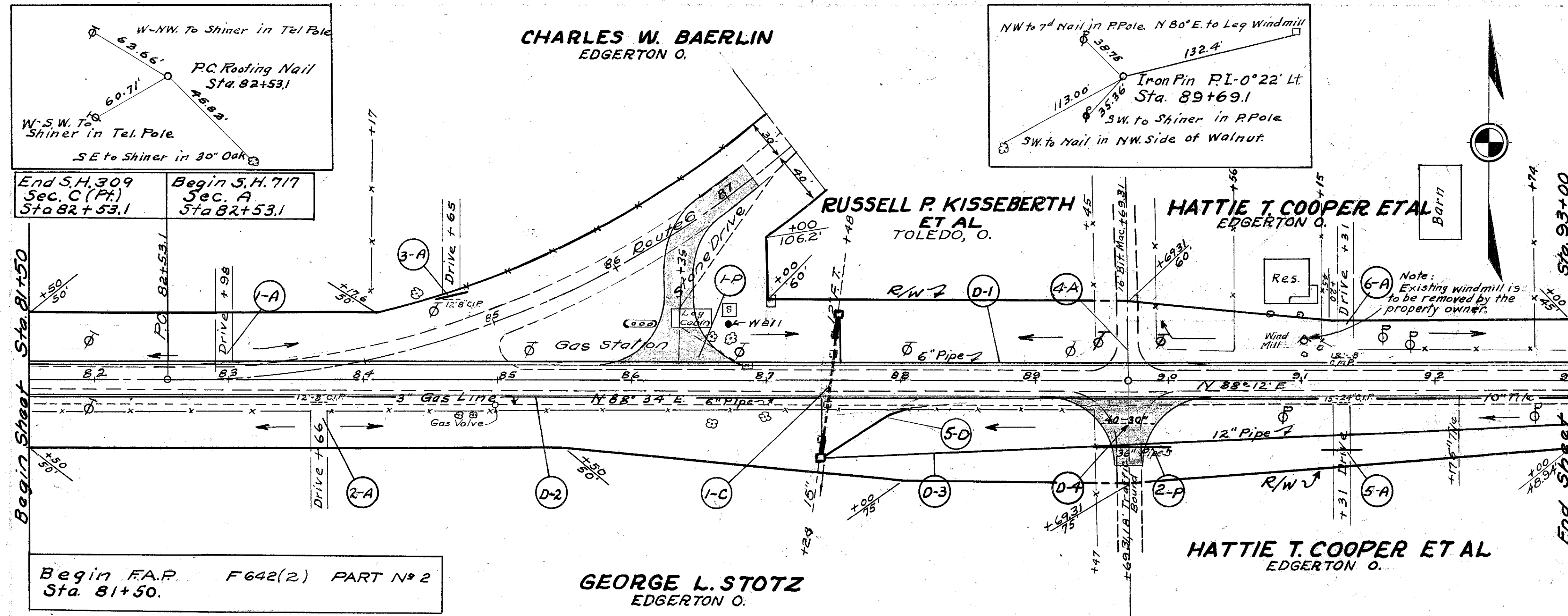
STRUCTURES 20' SPAN AND UNDER "C"

Ref. No.	Station	Type	Size	Remarks
1-C	87+38	Pipe Culvert Ext.	40' x 18"	For details see sheet No. 73

SIDE APPROACHES "A"

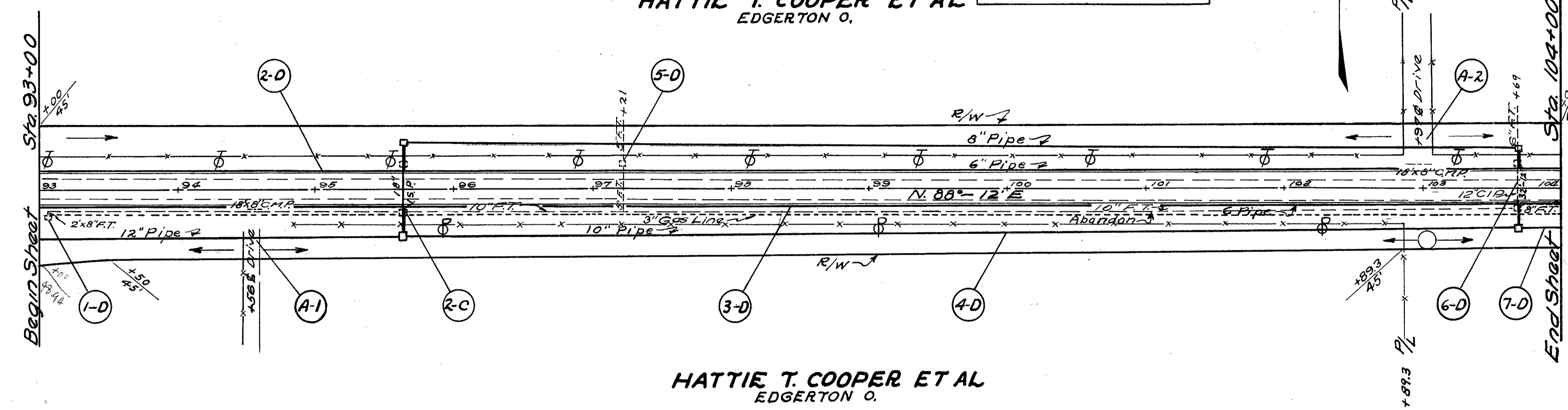
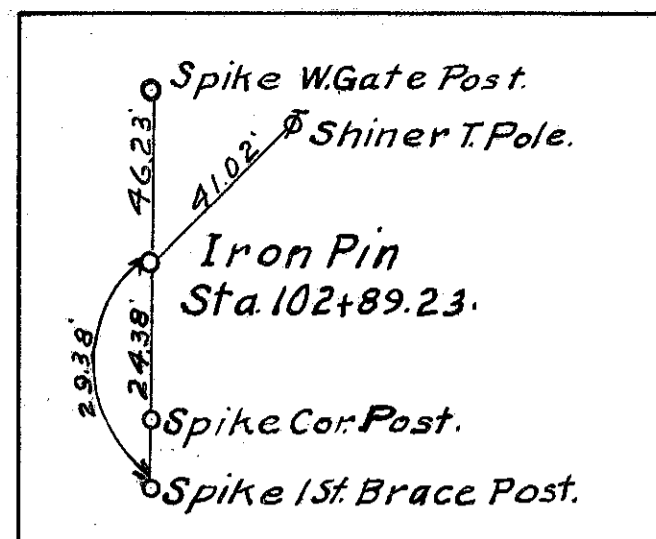
Ref. No.	Station		Side	I-17 Aggregate Sq. Yds	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove & Store			Remarks
	From	To				12" 30"	8" 24"	30"	
1-A	82+98		Lt						Drive
2-A	83+66		Rt				12		Drive
3-A	84+65		Lt		24		12		Drive
4-A	89+33		Lt	167.4					Side Approach
5-A	91+31		Rt		32		15		Drive
6-A	91+31		Lt	71.5			18		Drive & Mail Box
Totals				238.9	24	32	42	15	

Note: 1-P & 2-P For extra pavement detail see sheet No. 68



WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (PA)  
 S.H. 309 SEC. C (PA)  
 S.H. 304 SEC. A (PA)

HATTIE T. COOPER ET AL  
 EDGERTON O.



HATTIE T. COOPER ET AL  
 EDGERTON O.

ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 Pipe Under Drains for 6" Lin. Ft.	I-4 Pipe Under Drains for 6" Lin. Ft.	I-5 Pipes Each 6" 6" 7" 7"	I-3 Pipe Roadway Drainage Lin. Ft.			I-8 No. 1-2B Catch Basins Each	I-16 Abandon Existing Catch Basins Each	E-12 Pipe Remove # Store Lin. Ft.	
	From	To					8"	10"	12"				
1-D	93+00	95+64	Rt.										
2-D	93+00	104+00	Lt.	1098	34	2					1		
3-D	93+00	104+00	Rt.	1098	38	2							
4-D	95+64	103+69	Rt.				803			2	2		
5-D	95+64	103+69	Lt.				1	801		2	3		
6-D	103+69		X-Over									32	
7-D	103+69	104+00	Rt.				30						
Totals				2196	72	4	1	831	803	263	4	6	32

STRUCTURES 20' SPAN AND UNDER "C"

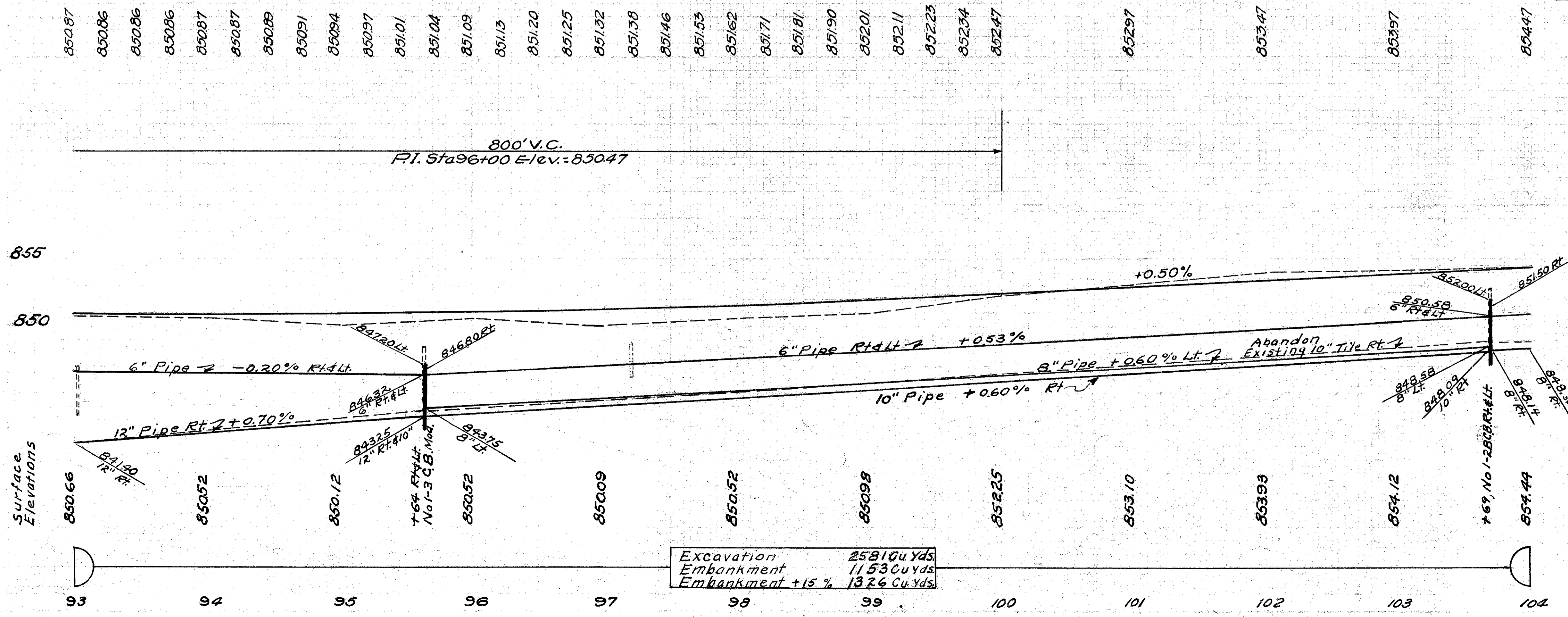
Ref. No.	Station	Type	Size	Remarks
2-C	95+64	Pipe Culvert	68'-24"	For details see sheet No. 73

SIDE APPROACHES "A"

Ref. No.	Station	Side	E-12 Pipe Remove # Store Lin. Ft.	Remarks
1-A	94+56	Rt.	18	Drive
2-A	102+97	Lt.	18	Drive
Totals			36	

BM #3 on ctr. N. Wall  
 #22 C.B. 17' Left  
 Station 95+64  
 Elevation 848.53

B.M. #4 RR Spike  
 in Power Pole  
 29 Rt. Sta. 102+22  
 Elevation 854.63



Excavation 25810 Cu. Yds.  
 Embankment 1153 Cu. Yds.  
 Embankment +15% 1326 Cu. Yds.

DIV. NO. 2 OHIO  
 FED. AID F-642(2) 1947 85  
 6  
 WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (PA)  
 S.H. 309 SEC. C (PA)  
 S.H. 304 SEC. A (PA)

GEORGE MILLER & COSMAS MILLER  
 EDGERTON O.

ROADWAY DRAINAGE "D"

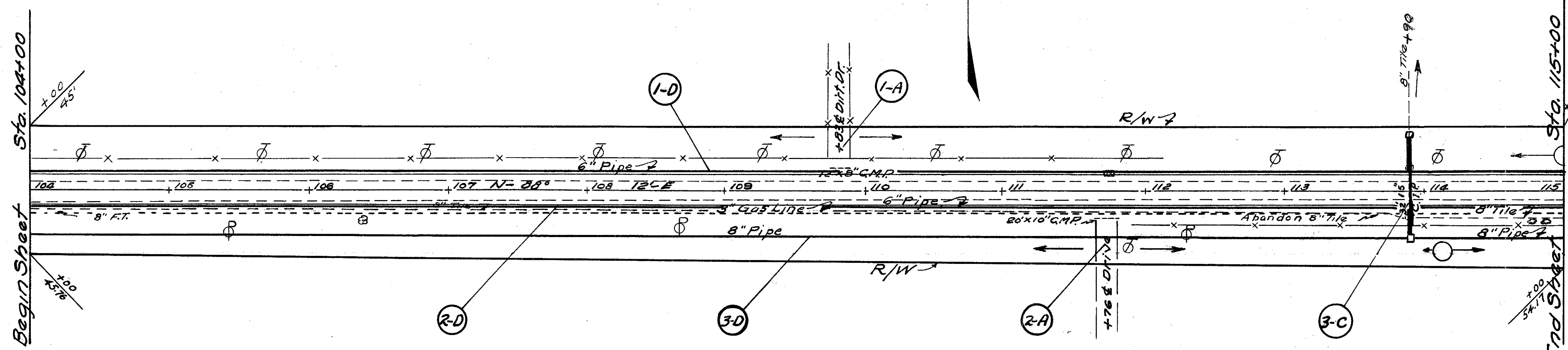
Ref. No.	Station		Side	T-4 Pipe Under Drains	T-5 Pipe Specials Each	T-3 Pipe Roadway Drainage	T-4 Pipe Under Drains
	From	To		Lin. Ft.	6"x6"	Lin. Ft.	6" Outlets Lin. Ft.
1-D	104+00	115+00	Lt	1099	1	8"	26
2-D	104+00	115+00	Rt	1099	1		22
3-D	104+00	115+00	Rt			1098	
Totals				2198	2	1098	48

STRUCTURES 20' SPAN AND UNDER "C"

Ref. No.	Station	Type	Size	Remarks
3-C	113+90	Pipe Culvert	72'-15"	For details see sheet No. 73

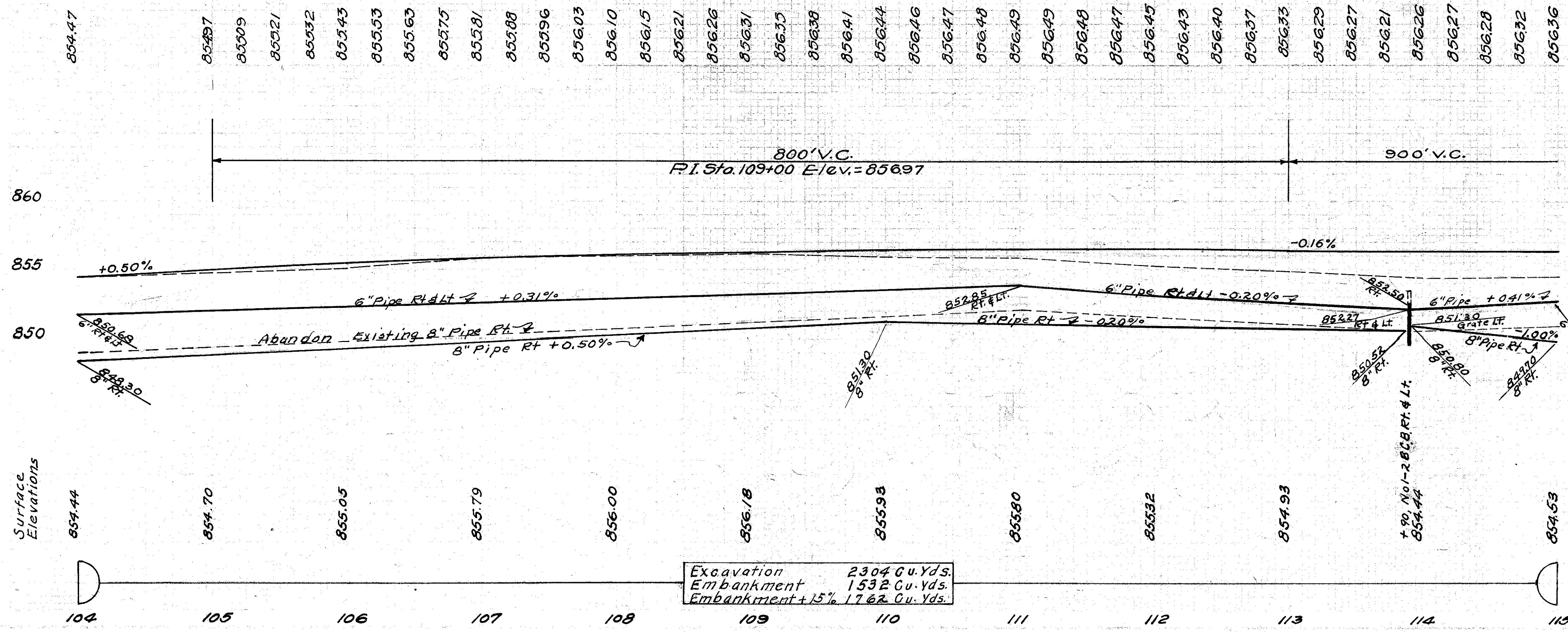
SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate	E-12 Pipe Remove & Store	Remarks
			Sq. Yds.	Lin. Ft.	
1-A	109+83	Lt		10" 8"	Drive
2-A	111+76	Rt	35.4	20	Drive
Totals			35.4	20	



WALTER S. UNGER  
 MELBERN O.

BM #5 R.R. Spike  
 in Power Pole  
 29 Rt. Sta 108+66  
 Elevation 856.64



WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (Pt.)  
 S.H. 309 SEC. C (Pt.)  
 S.H. 304 SEC. A (Pt.)

ROADWAY DRAINAGE "D"

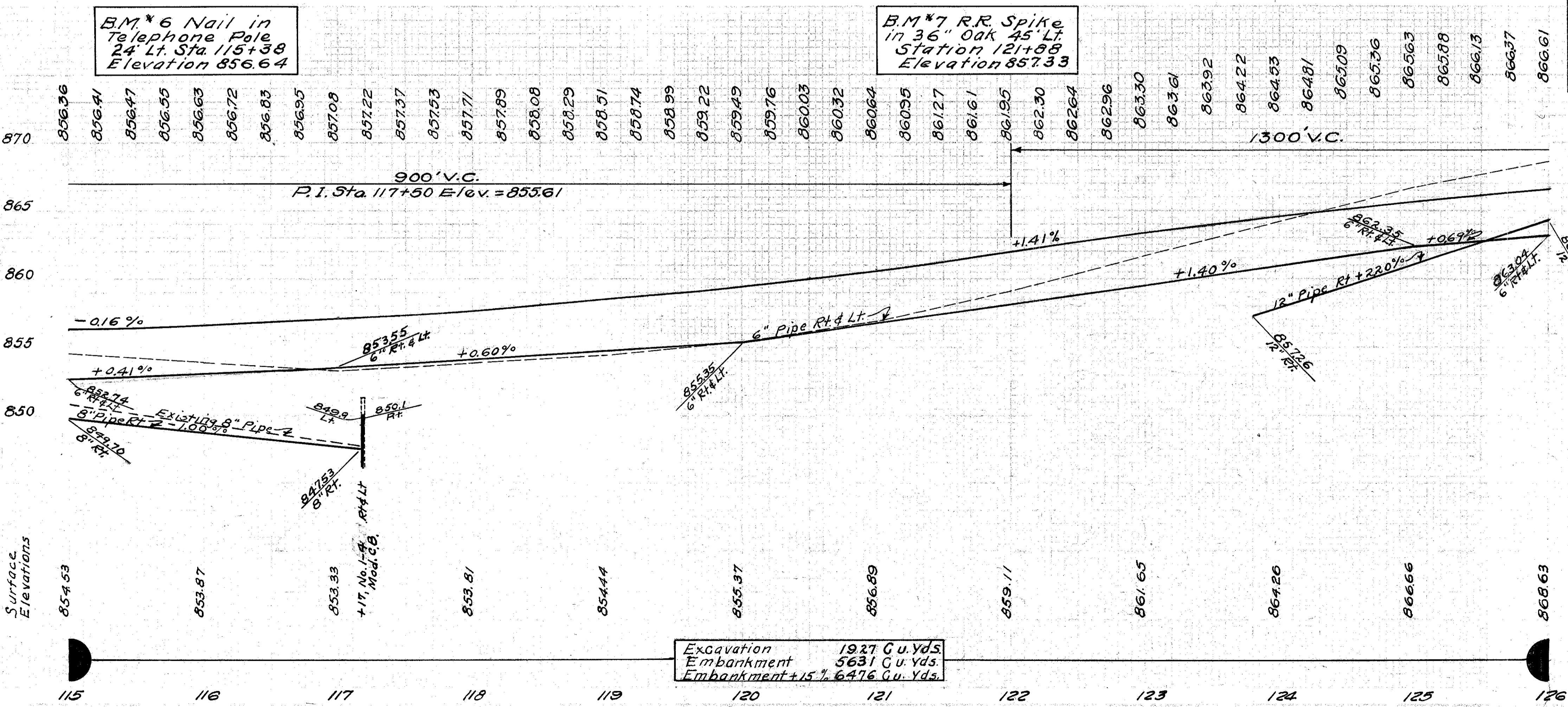
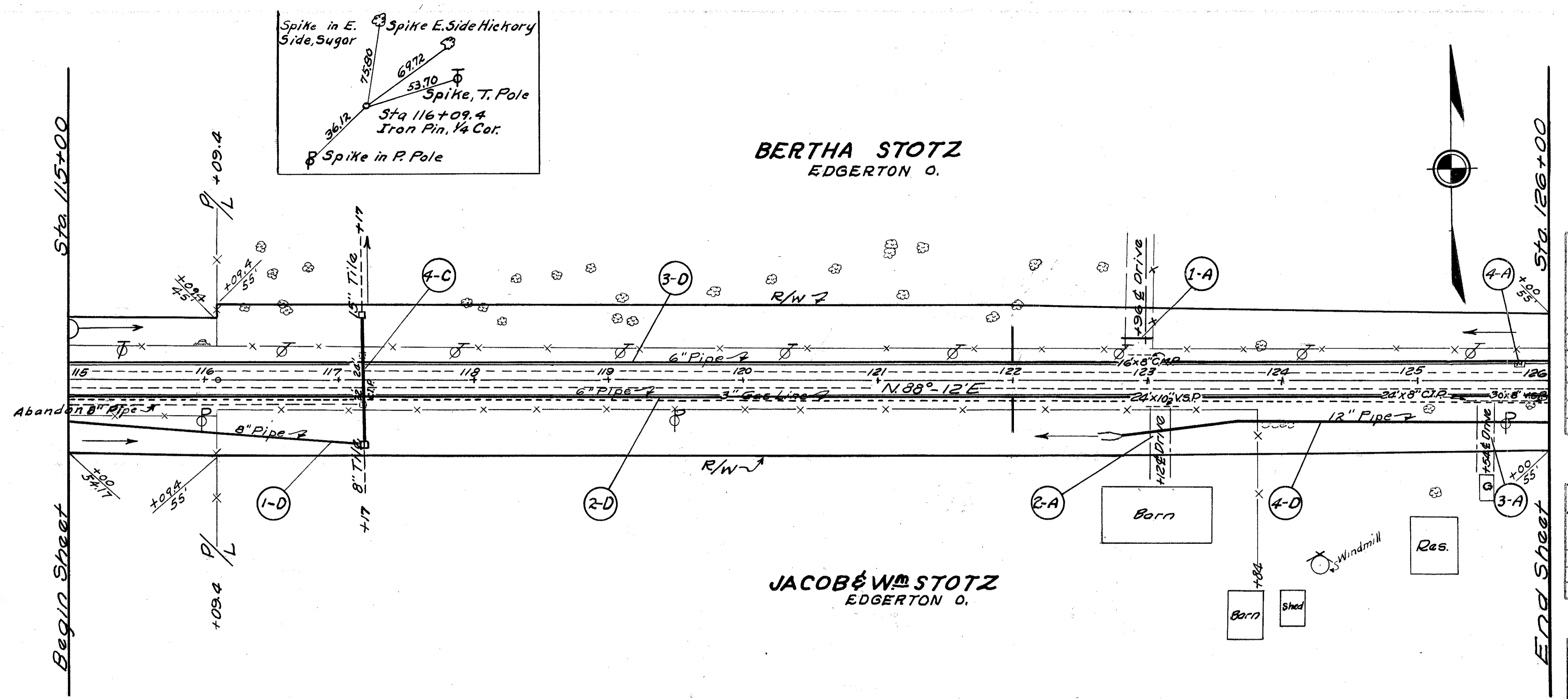
Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each 6"x6" Lin. Ft.	I-3 Pipe Roadway Drainage Lin. Ft.		I-3 Pipe Roadway Drain Under Drains Lin. Ft.	I-4 Pipe Under Drains for Outlets Lin. Ft.
	From	To				8" 12"	12"		
1-D	115+00	117+17	Rt.			216			
2-D	115+00	126+00	Rt.	1099	1				24
3-D	115+00	126+00	Lt.	1099	1				24
4-D	122+80	126+00	Rt.			272	48		
Totals				2198	2	216	272	48	48

STRUCTURES 20' SPAN AND UNDER "C"

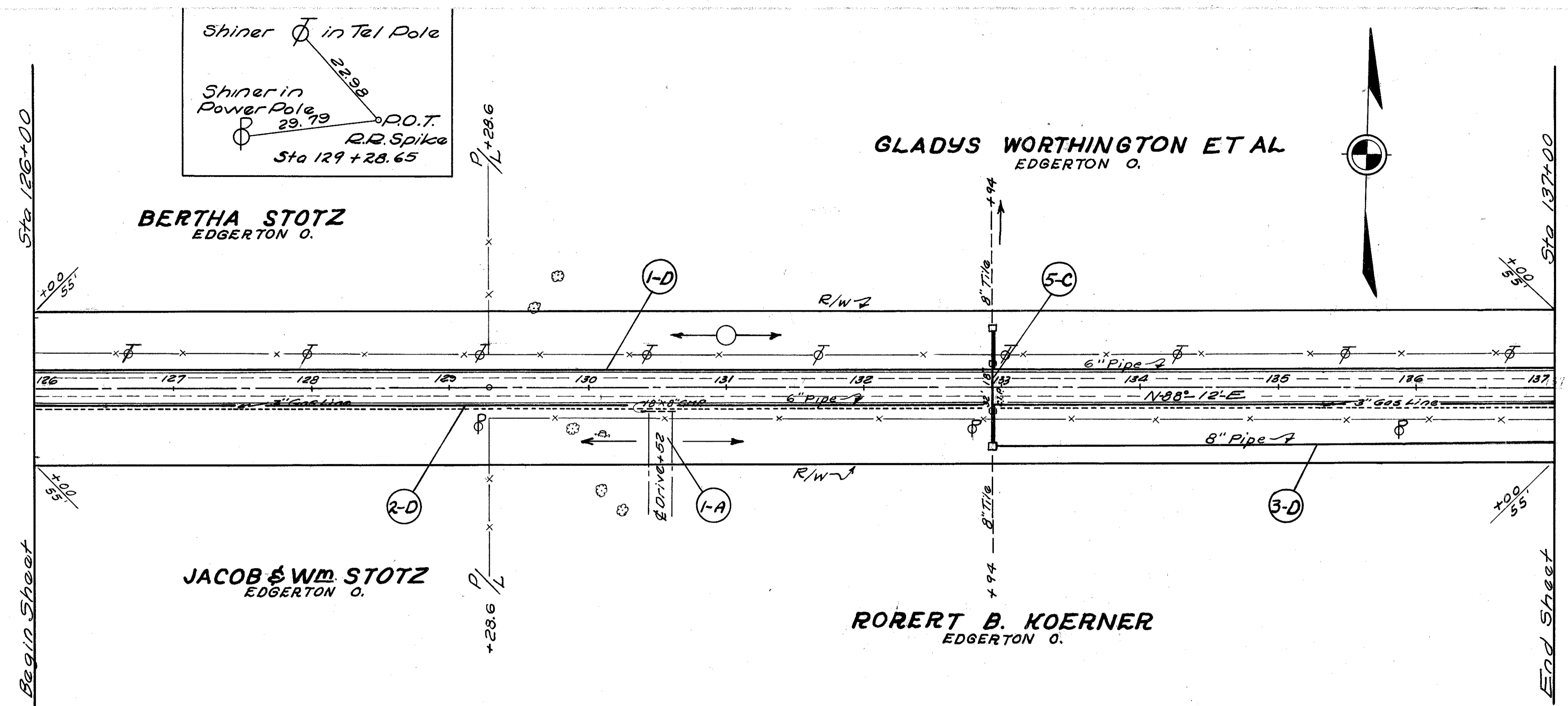
Ref. No.	Station	Type	Size	Remarks
4-C	117+17	Pipe Culvert	92'-36"	For details see sheet No. 74

SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove 4 Store Lin. Ft.	Remarks
1-A	122+96	Lt.		24	16	Drive
2-A	123+12	Rt.	354		24	Drive
3-A	125+54	Rt.	399		54	Drive
4-A	125+79	Lt.	389			Mail Box
Totals			1142	24	70	24



DIV. NO. 2 OHIO  
 FED. AID F642(2) 1947 85  
**WILLIAMS COUNTY**  
 S.H. 717 SEC. A & B (Pt.)  
 S.H. 309 SEC. C (Pt.)  
 S.H. 304 SEC. A (Pt.)



**ROADWAY DRAINAGE "D"**

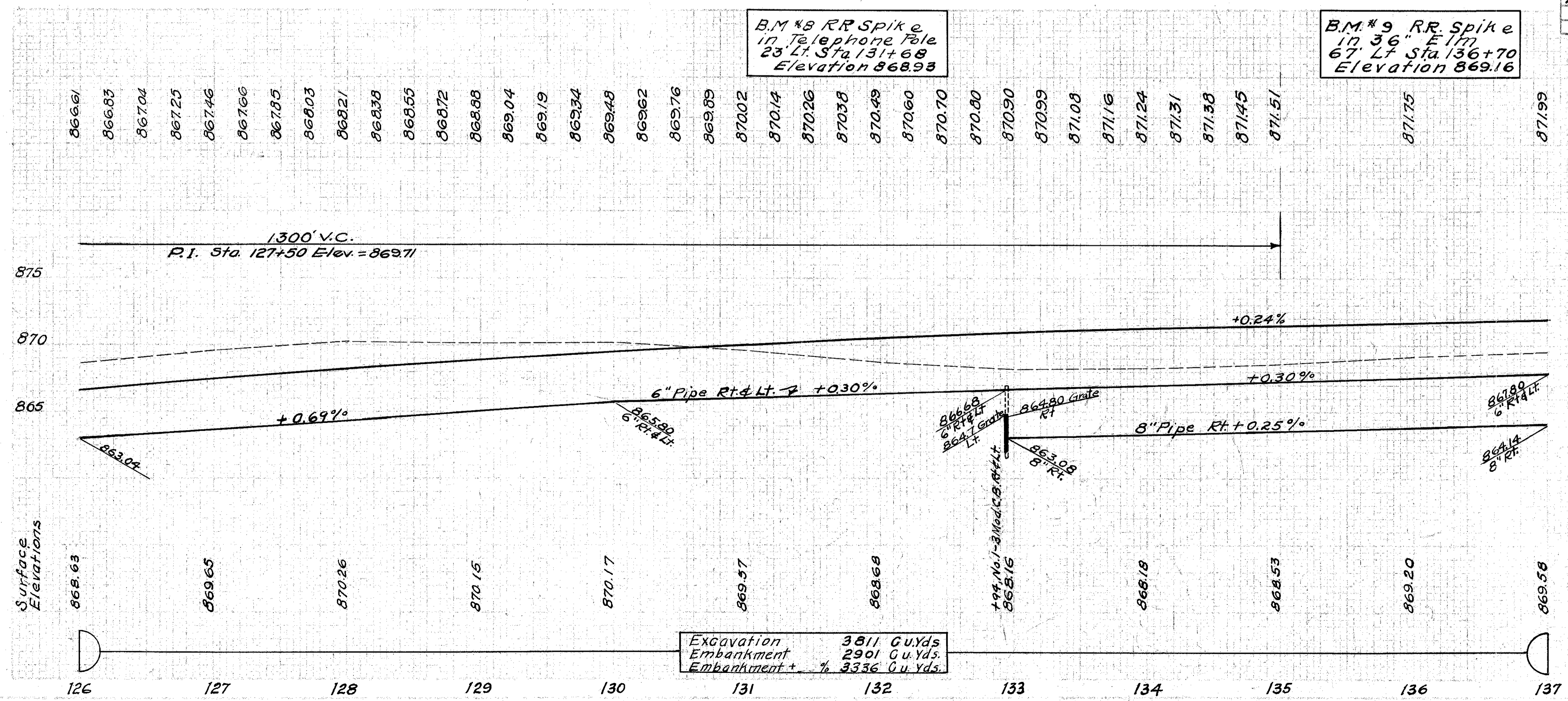
Ref. No.	Station		Side	I-4 Pipe Under Drains	I-5 Pipe Specials Each	I-3 Pipe Roadway Drainage	I-4 Pipe Underdrains for Outlets
	From	To		Lin. Ft.	6" X 6" "T"	8" 12"	6"
1-D	126+00	137+00	Lt	1099	1		30
2-D	126+00	137+00	Rt	1099	1		30
3-D	132+94	137+00	Rt			405	
<b>Totals</b>				2198	2	405	60

**STRUCTURES 20' SPAN AND UNDER "C"**

Ref. No.	Station	Type	Size	Remarks
5-C	132+94	Pipe Culvert	84'-24"	For details see sheet No. 74

**SIDE APPROACHES "A"**

Ref. No.	Station	Side	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove # Store Lin. Ft.	Remarks
1-A	130+52	Rt		18	Drive
<b>Totals</b>				18	



Sta 126+00 to 137+00

DIV. NO. 2 OHIO  
 FED. AID F642(R) 1947 85  
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WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (PA)  
 S.H. 309 SEC. C (PA)  
 S.H. 304 SEC. A (PA)

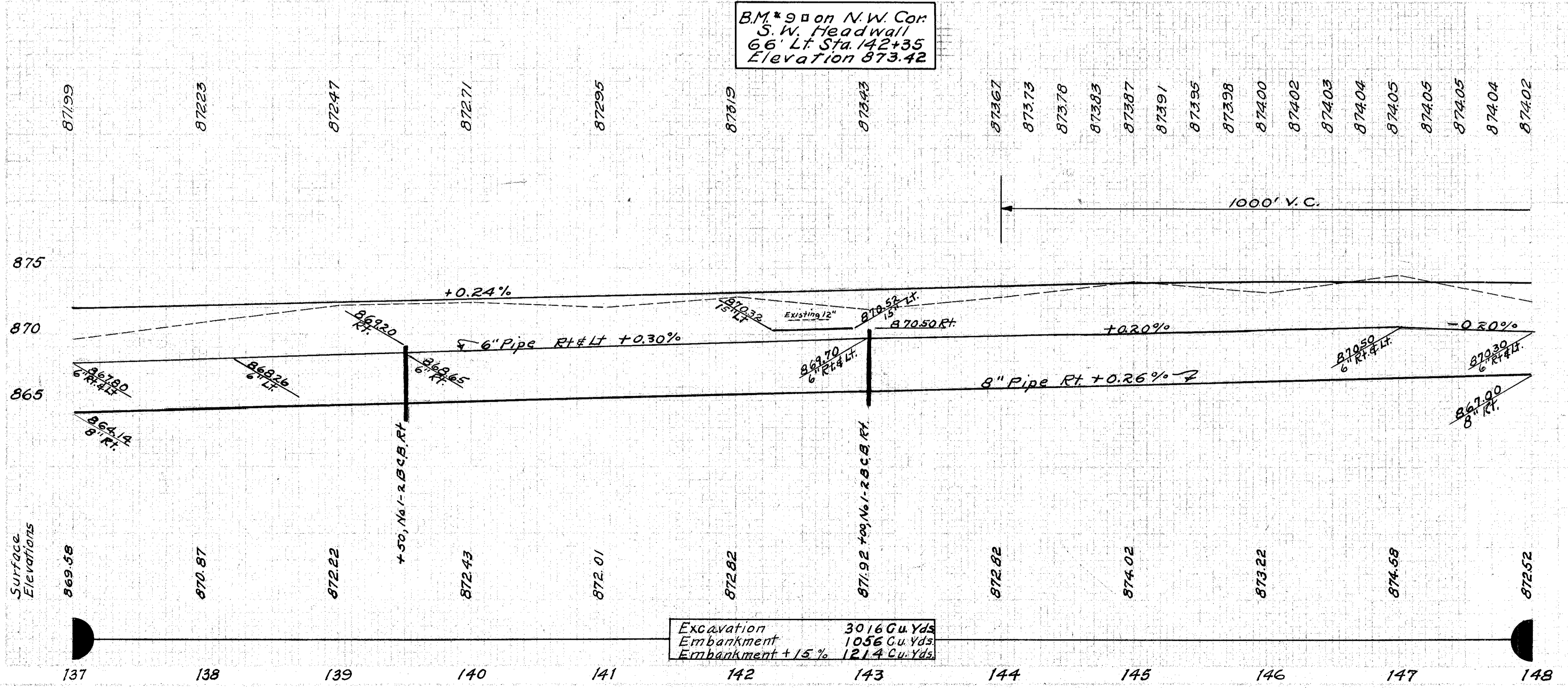
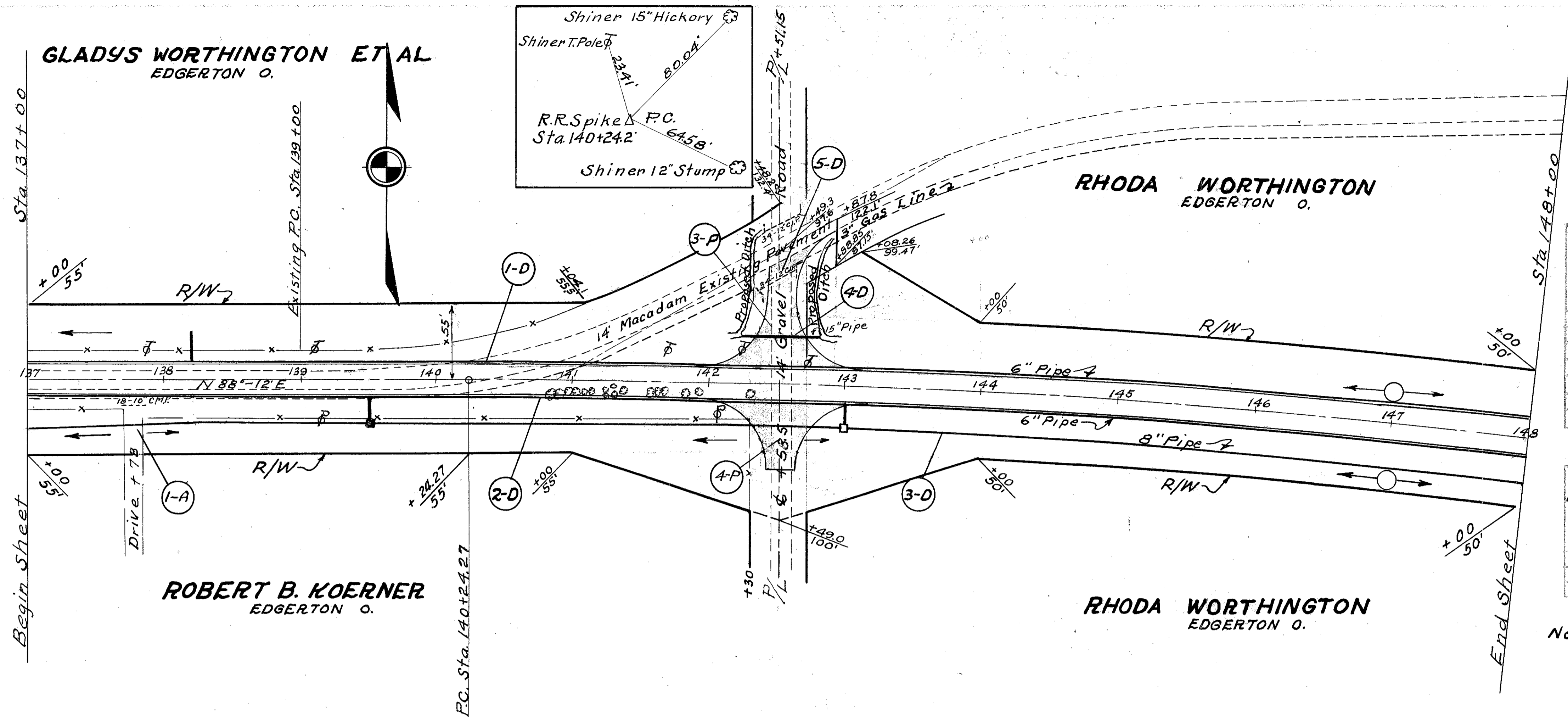
**ROADWAY DRAINAGE "D"**

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specs. Each Lin. Ft.	I-3 Pipe Roadway Drainage Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.	I-3 Pipe Under Approach Lin. Ft.	I-8 No. 1-2B Catch Basins Each	S-22 Remove & Dispose Portions of Existing Structures Cu. Yd.	I-4 Pipe Under Drains Lin. Ft.
	From	To									
1-D	137+00	148+00	Lt	1099	1						28
2-D	137+00	148+00	Rt	1098	2						38
3-D	137+00	148+00	Rt			1096			2		
4-D	142+28	142+88	Lt					60			
5-D	142+43	142+70	Lt				34			1.6	
<b>Totals</b>				2197	3	1096	34	60	2	1.6	66

**SIDE APPROACHES "A"**

Ref. No.	Station	Side	E-12 Pipe Remove & Store Lin. Ft.	Remarks
1-A	137+78	Rt	18	Drive
<b>Totals</b>			18	

Note: 3-P & 4-P For details of extra pavement see sheet No. 68 & 69

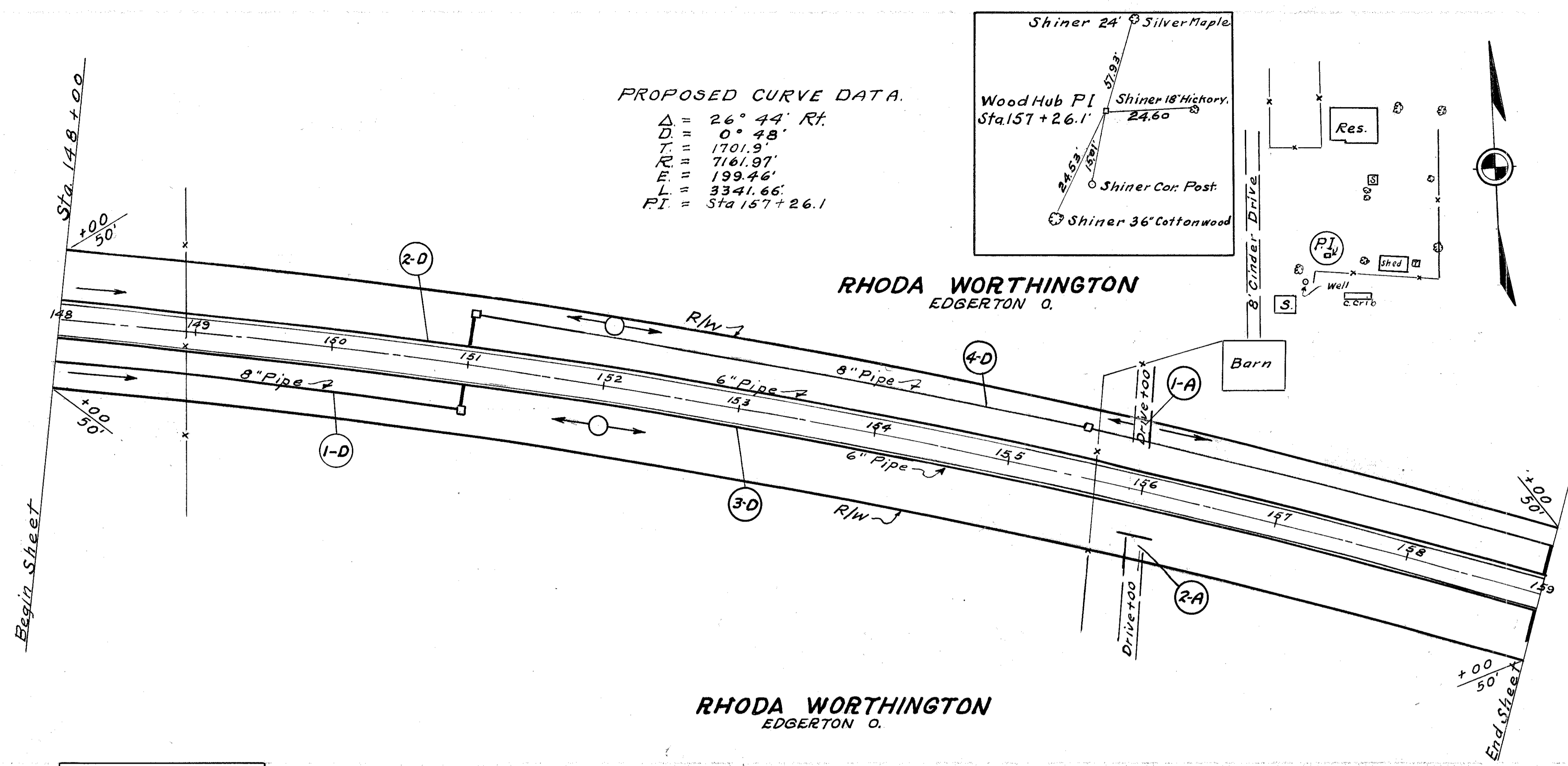
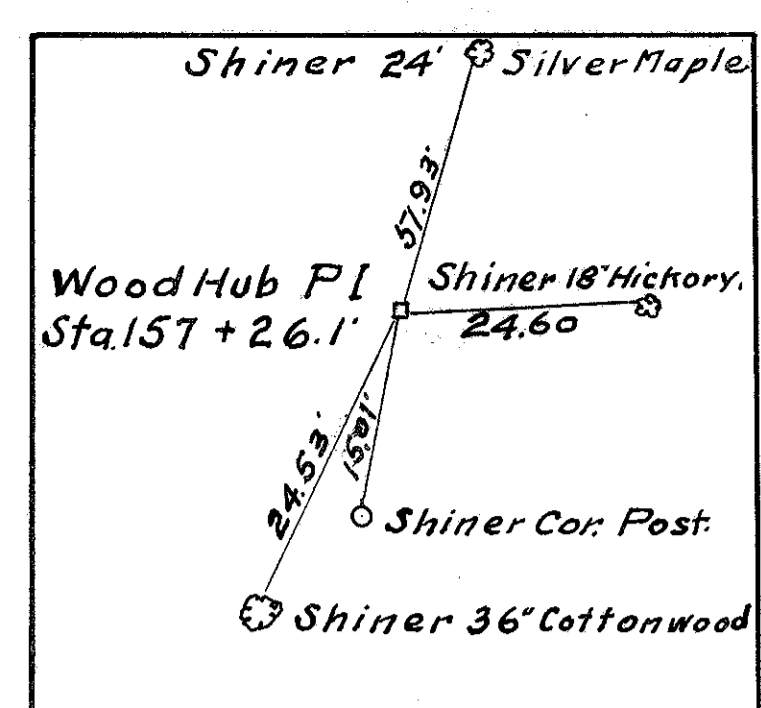


Sta. 137+00 to 148+00

WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (PA)  
 S.H. 309 SEC. C (PT)  
 S.H. 304 SEC. A (PT)

PROPOSED CURVE DATA.

$\Delta = 26^\circ 44' \text{ Rt.}$   
 $D = 0^\circ 48'$   
 $T = 1701.9'$   
 $R = 7161.97'$   
 $E = 199.46'$   
 $L = 3341.66'$   
 $P.I. = \text{Sta } 157+26.1$



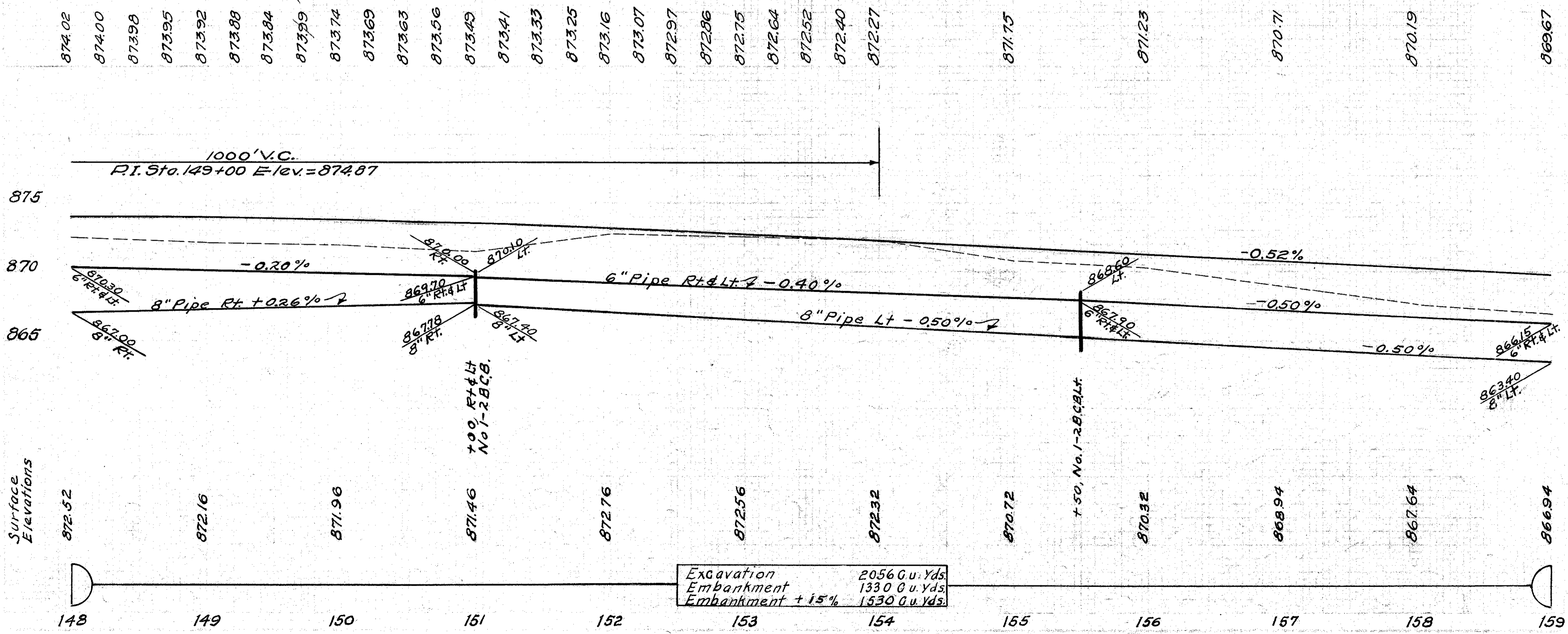
ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each 6"x6"	I-3 Pipe Roadway Drainage Lin. Ft.	I-8 No. 1-28 Catch Basins Each	I-4 Pipe Under Drains for Outlets Lin. Ft.
	From	To						
1-D	148+00	151+00	Rt.	6"		299	1	
2-D	148+00	159+00	Lt.	1098	2			46
3-D	148+00	159+00	Rt.		2			42
4-D	151+00	159+00	Lt.	1098		797	2	
Totals				2196	4	1096	3	88

SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft.	Remarks
2-A	156+00	Rt.		24	Drive
Totals			38.8	24	

B.M. #10 R.R. Spike in 4" Elm 80' Rt. Sta. 148+90 Elevation 87321



Excavation 2056 Cu. Yds.  
 Embankment 1330 Cu. Yds.  
 Embankment + 15% 1530 Cu. Yds.



WILLIAMS COUNTY  
 S.H. 717 SEC. A.&B.(PA)  
 S.H. 309 SEC. C(PA)  
 S.H. 304 SEC. A(PA)

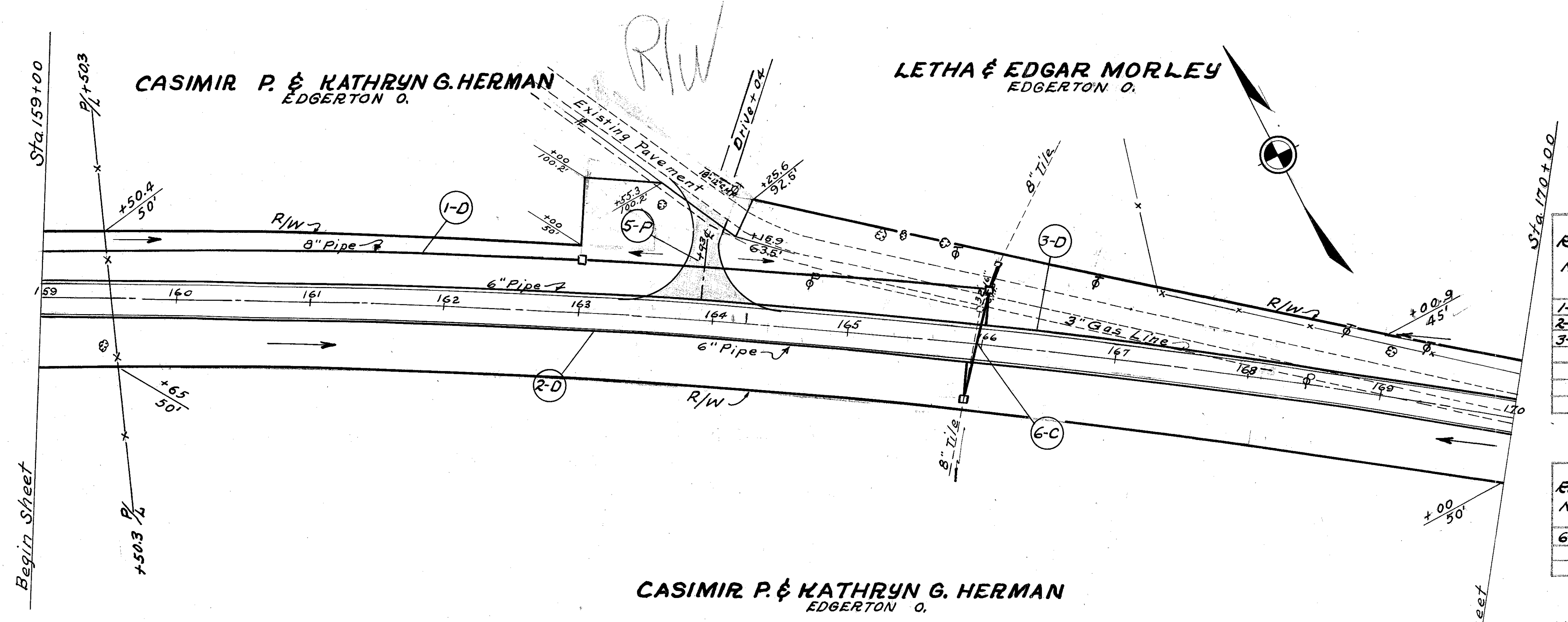
ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft. 6"	I-5 Pipe Specials Each 6"x6" "T"	I-3 Pipe Roadway Drainage Lin. Ft. 8"	I-8 NaI-2B Catch Basins Each	I-4 Pipe Underdrains to Outlets Lin. Ft. 6"
	From	To						
1-D	159+00	166+02	Lt.			699	1	
2-D	159+00	170+00	Rt.	1099	1			28
3-D	159+00	170+00	Lt.	1099	1			28
Totals				2198	2	699	1	56

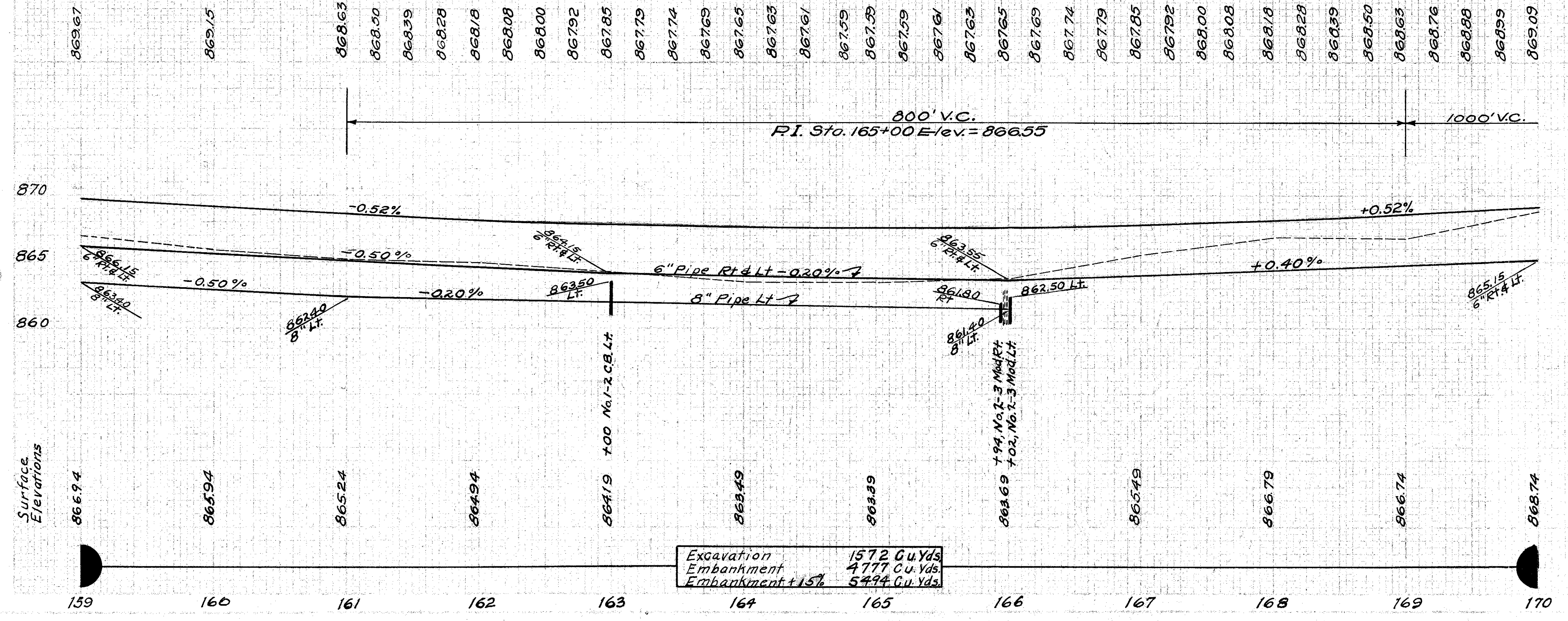
STRUCTURES 20' SPAN AND UNDER "C"

Ref. No.	Station	Type	Size	Remarks
6-C	165+98	Pipe Culvert	80'-24"	For details see sheet No. 74

Note: 5-P For details of extra pavement see sheet No. 69



B.M. #11 Boat Spike in Root of 48" Oak 10' N of Trunk 35' Rt. Sta. 159+60 Elevation 867.84



Excavation	1572 Cu. Yds
Embankment	4777 Cu. Yds
Embankment + 15%	5494 Cu. Yds

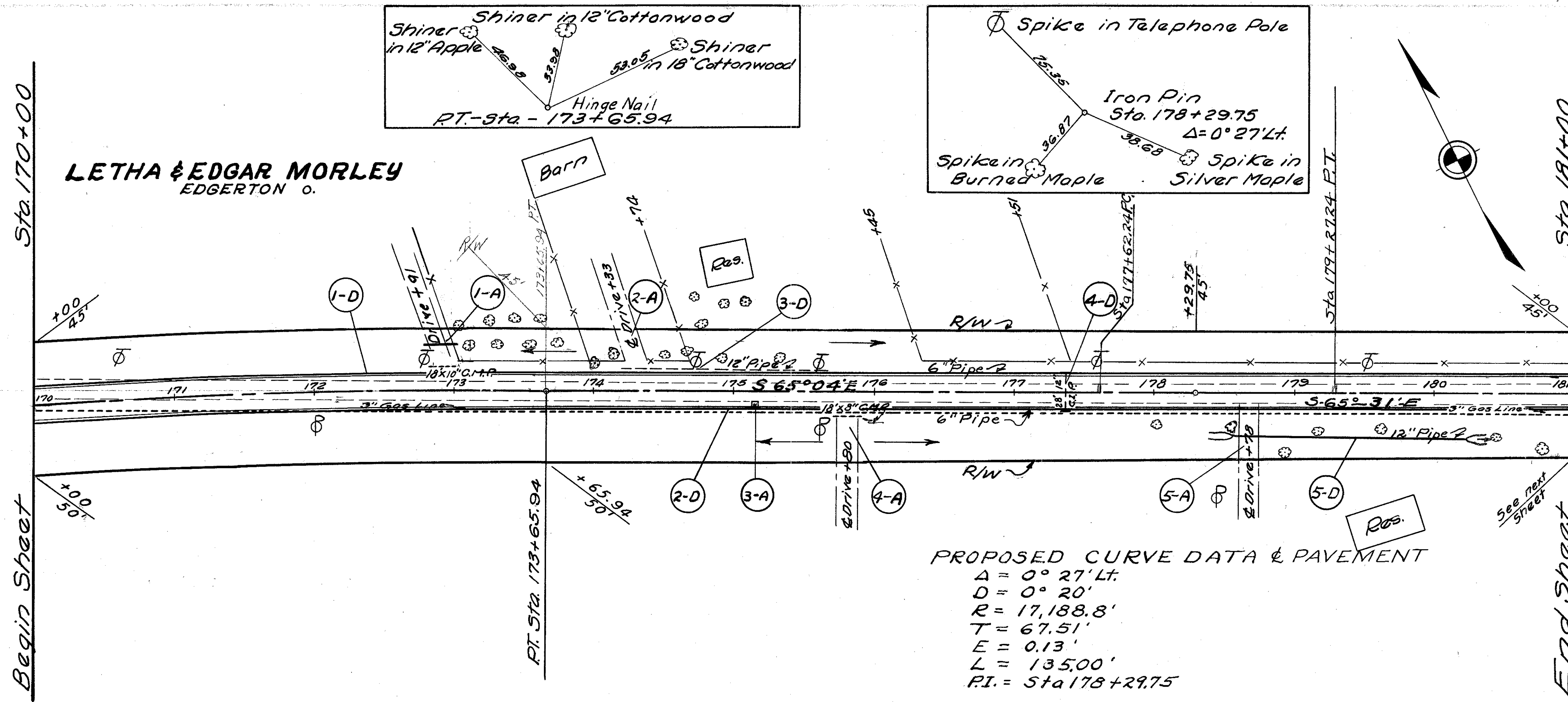
WILLIAMS COUNTY  
S.H. 717 SEC. A & B (PA)  
S.H. 309 SEC. C (PA)  
S.H. 304 SEC. A (PA)

ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-3 Pipe Roadway Drainage Lin. Ft.	I-3 Pipe Rdwy. Drain Under Drives Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.	S-22 Remove & Dispose Portions of Existing Structures Cu. Yd.
	From	To						
1-D	170+00	181+00	Lt.	1100				
2-D	170+00	181+00	Rt.	1100				
3-D	174+19	175+66	Lt.				147	
4-D	177+36		X-Over				28	1.0
5-D	178+60	180+20	Rt.		136	24		
Totals				2200	136	24	175	1.0

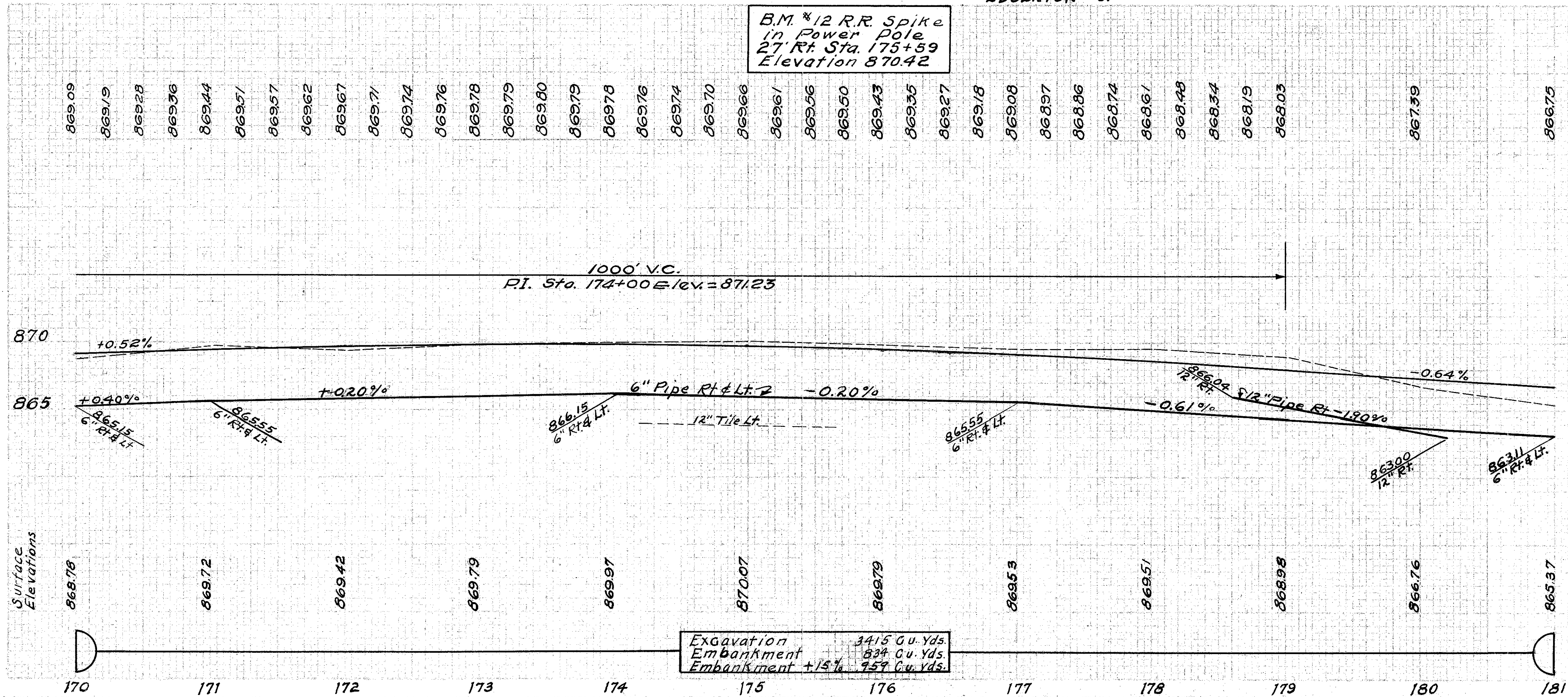
SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.	Remarks
1-A	172+91	Lt.		24	18	Drive
2-A	174+33	Lt.	35.4			Drive
3-A	175+13	Rt.	38.9			Mail Box
4-A	175+80	Rt.			18	Drive
5-A	178+78	Rt.	68.2			Drive & Mail Box
Totals			142.5	24	18	



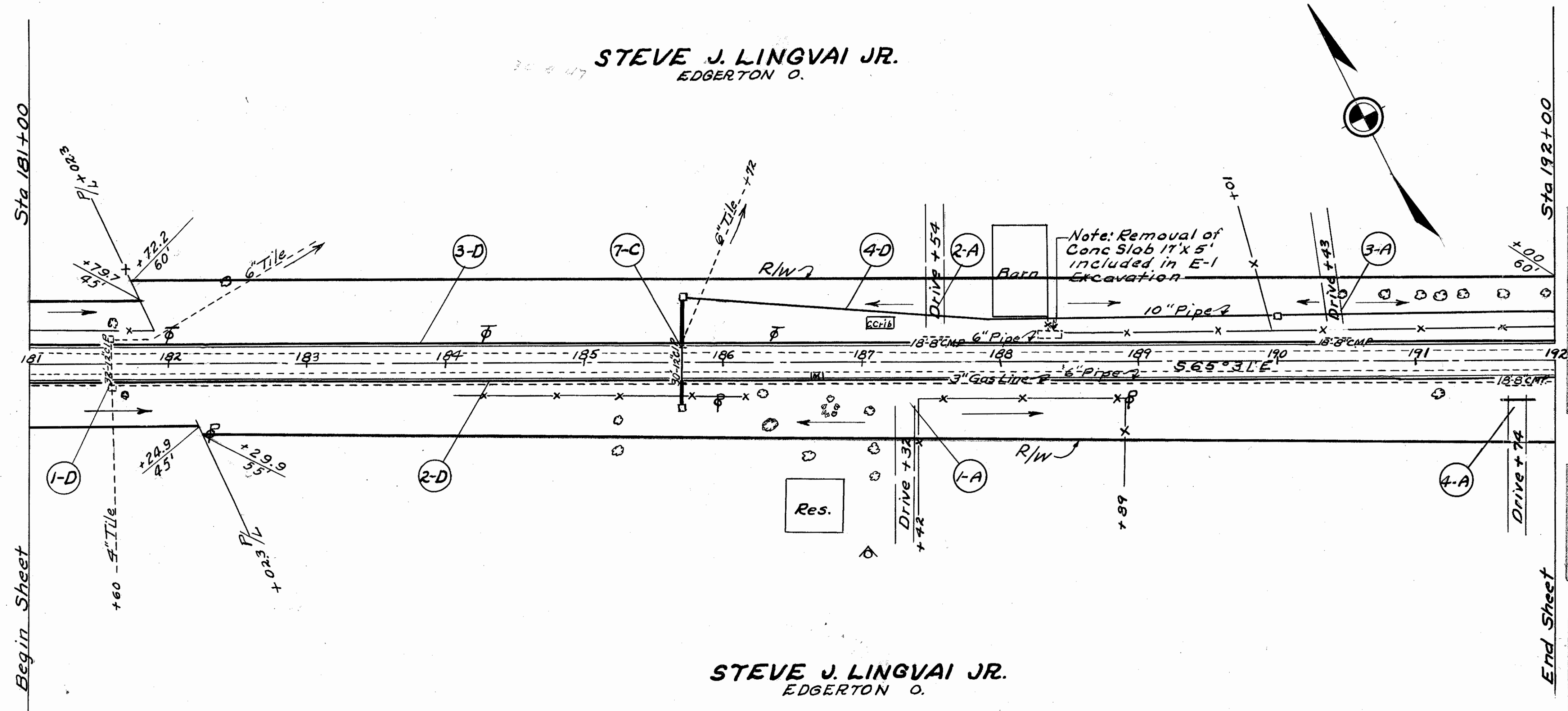
PROPOSED CURVE DATA & PAVEMENT  
 $\Delta = 0^\circ 27' Lt.$   
 $D = 0^\circ 20'$   
 $R = 17,188.8'$   
 $T = 67.51'$   
 $E = 0.13'$   
 $L = 135.00'$   
 $PI = Sta 178+29.75$

CASIMIR P. & KATHRYN G. HERMAN  
EDGERTON O.



Excavation 3415 Cu. Yds.  
 Embankment 834 Cu. Yds.  
 Embankment +1/5% 759 Cu. Yds.

WILLIAMS COUNTY  
S. H. 717 SEC. A. & B (Pt.)  
S. H. 309 SEC. C (Pt.)  
S. H. 304 SEC. A (Pt.)



ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 Pipe Under Drain Lin. Ft.	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each	I-3 Pipe Roadway Drainage Lin. Ft.	I-3 Pipe R/W Drain Under Pavement Lin. Ft.	E-12 Pipe Remove # Store	I-16 Abandon Existing Catch Basins Each	I-8 No-28 Catch Basins Each
	From	To									
1-D	181+60		X-OVER								
2-D	181+00	192+00	Rt.	1099	16	1					
3-D	181+00	192+00	Lt.	1099	34	1					
4-D	185+72	192+00	Lt.				625				1
Totals				2198	50	2	625	60	32	2	1

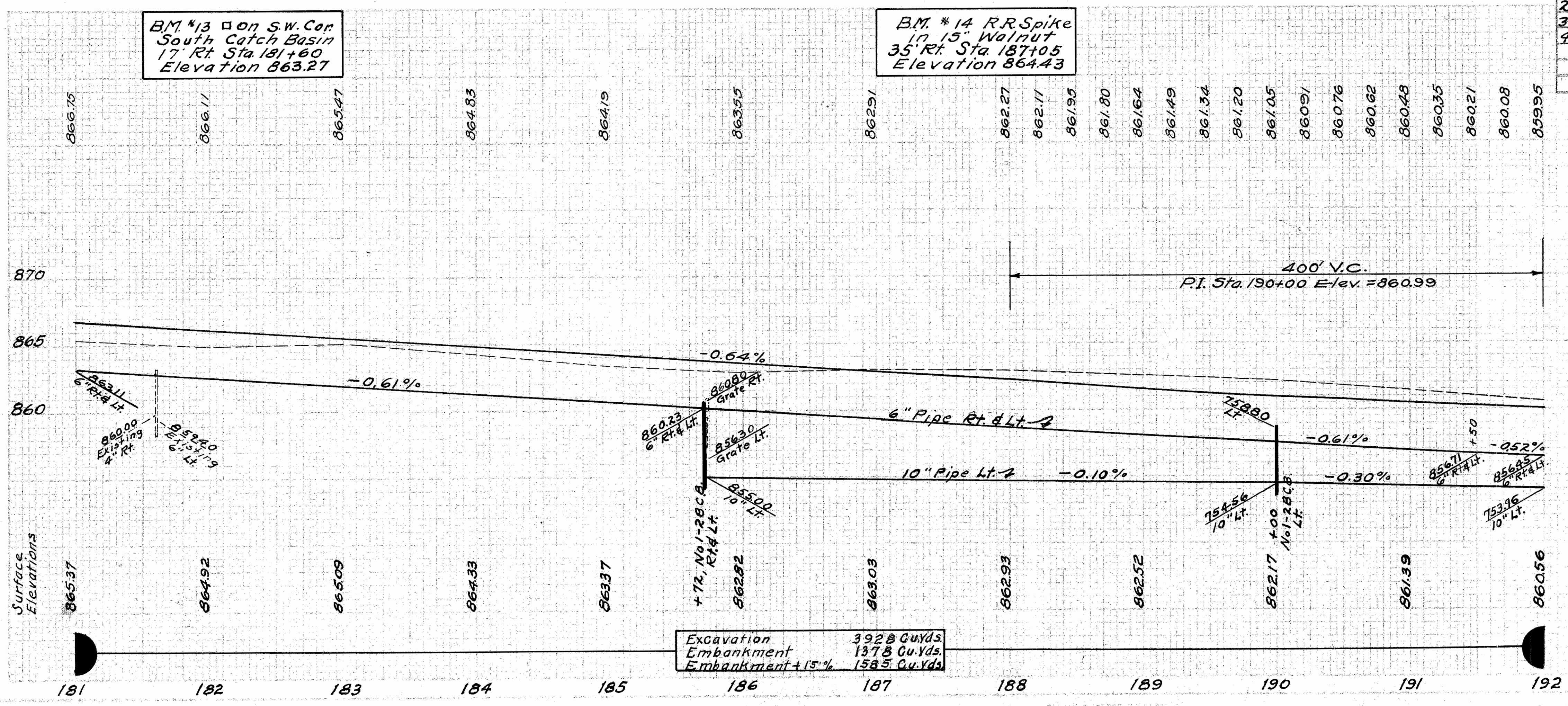
STRUCTURES 20' SPAN AND UNDER "C"

Ref. No.	Station	Type	Size	Remarks
7-C	185+72	Pipe Culvert	75'-12"	For details see sheet No. 75

SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove # Store Lin. Ft.	Remarks
1-A	187+32	Rt.	64.5			Drive & Mail Box
2-A	187+54	Lt.	36.5			Drive
3-A	190+43	Lt.			18	Drive
4-A	191+74	Rt.		24	18	Drive
Totals			101.0	24	54	

STEVE J. LINGVAI JR.  
EDGERTON O.



STEVE J. LINGVAI JR.  
EDGERTON O.

DIV. NO. 2 OH 10  
FED. AID F-642(R) 1947 85

WILLIAMS COUNTY  
S.H. 717 SEC. A & B (Pt.)  
S.H. 309 SEC. C (Pt.)  
S.H. 304 SEC. A (Pt.)

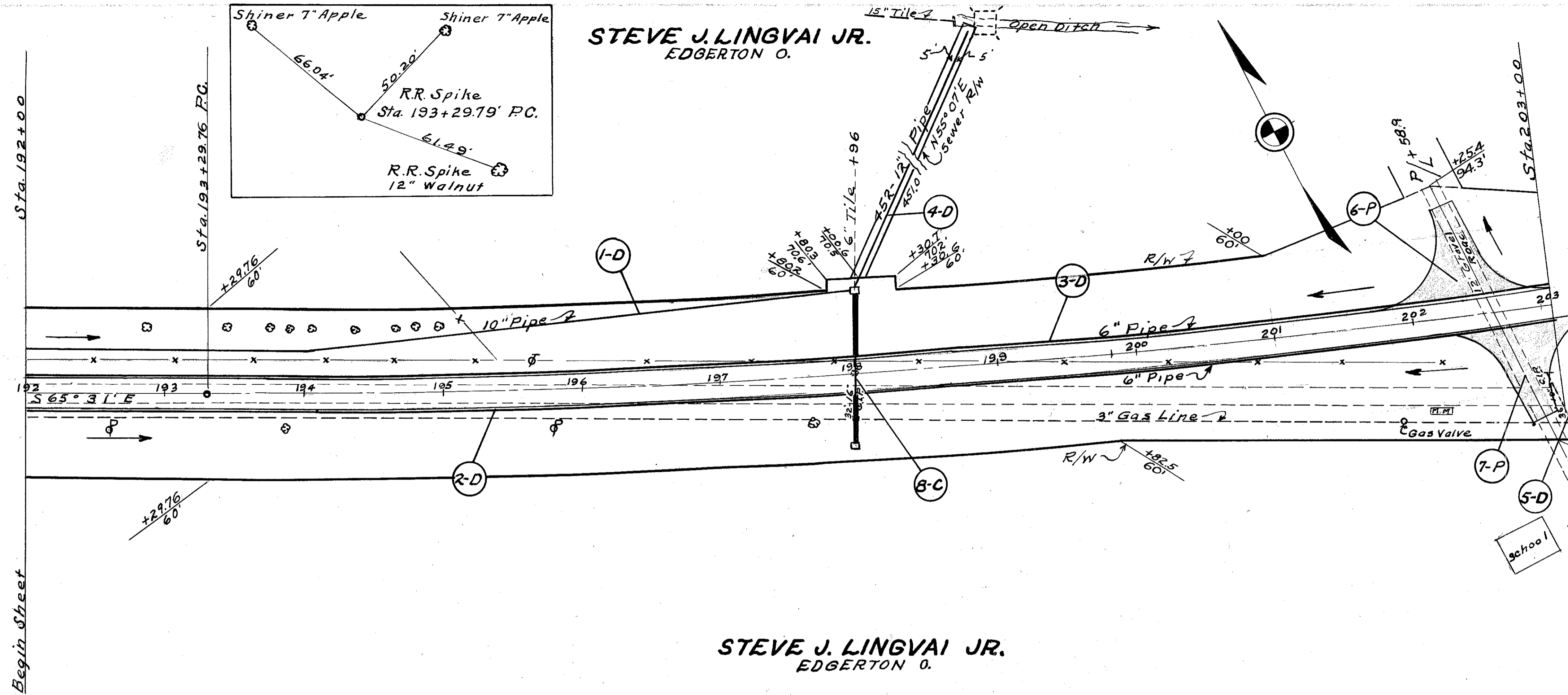
ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each 6'x6" Lin. Ft.	I-3 Pipe Roadway Drainage Lin. Ft.		I-3 Pipe Roadway Drainage Outlets Lin. Ft.	E-12 Pipe Remove & Store # Stone Lin. Ft.	S-22 Remove & Dispose Portions of Existing Structures Cu. Yd.
	From	To					10"	12"			
1-D	192+00	197+96	Lt	1099	38	1	595				
2-D	192+00	203+00	Rt	1099	44	1					
3-D	192+00	203+00	Lt				442	10			
4-D	197+96		Lt							36	1.4
5-D	202+80		Rt								
Totals				2198	82	2	595	442	10	36	1.4

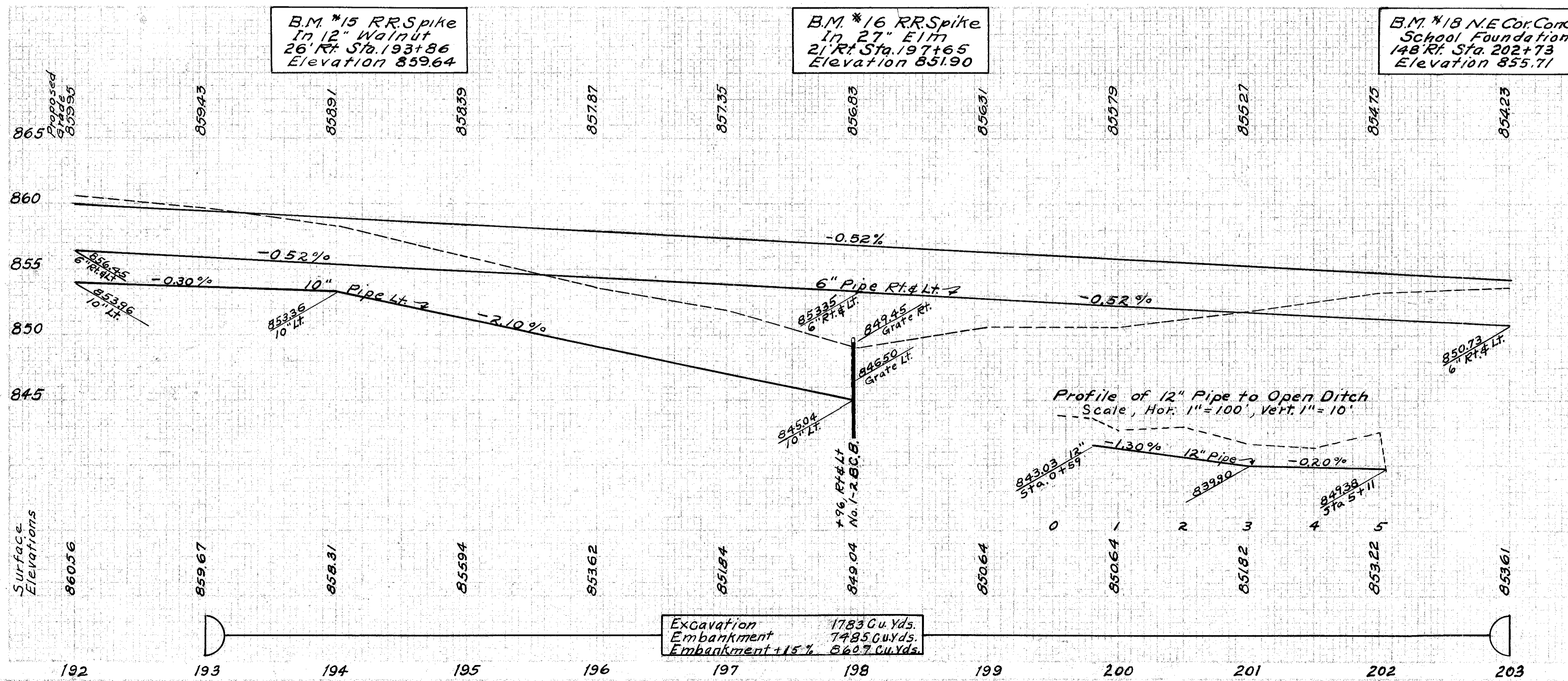
STRUCTURES 20' SPAN AND UNDER "C"

Ref. No.	Station	Type	Size	Remarks
B-C	197+96	Pipe Culvert	108'-18"	For details see sheet No. 75

Note: 6-P & 7-P For details of Extra Pavement see sheet No. 69



STEVE J. LINGVAI JR.  
EDGERTON O.



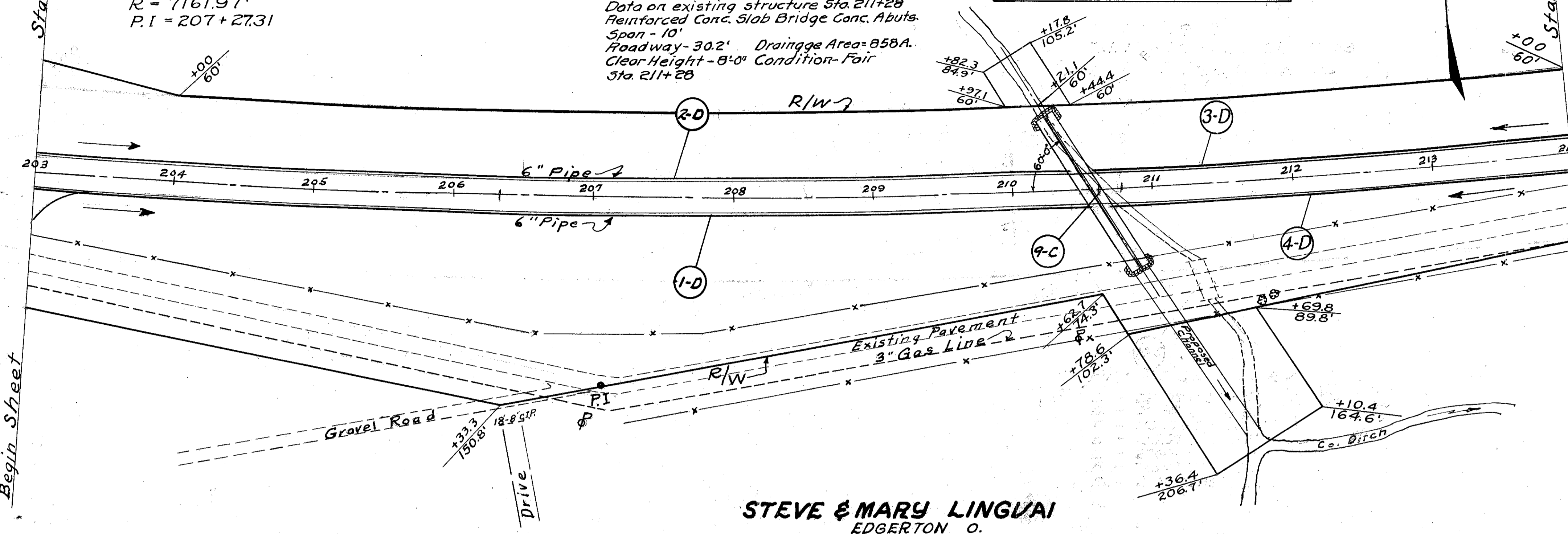
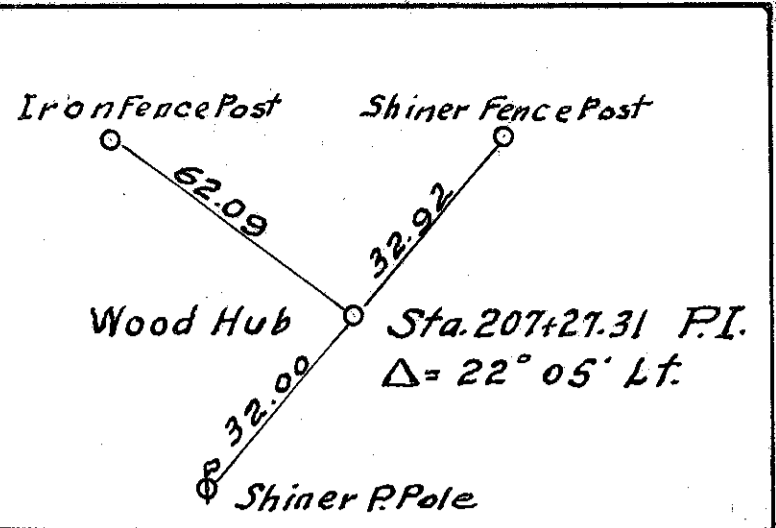
WILLIAMS COUNTY  
S.H. 717 SEC. A & B (Pt.)  
SH 309 SEC. C (Pt.)  
S.H. 304 SEC. A (Pt.)

PROPOSED CURVE DATA  
 $\Delta = 22^{\circ}05'$   
 $D = 0^{\circ}48'$   
 $T = 1397.55'$   
 $E = 135.07'$   
 $L = 2760.41'$   
 $R = 7161.97'$   
 $P.I. = 207+27.31$

**BERNARD J. HERMAN**

MELBERN O. WI-384-24  
STRUCTURE 9-C

Data on existing structure Sta. 211+28  
Reinforced Conc. Slab Bridge Conc. Abuts.  
Span - 10'  
Roadway - 30.2' Draining Area - 858A.  
Clear Height - 8'-0" Condition - Fair  
Sta. 211+28



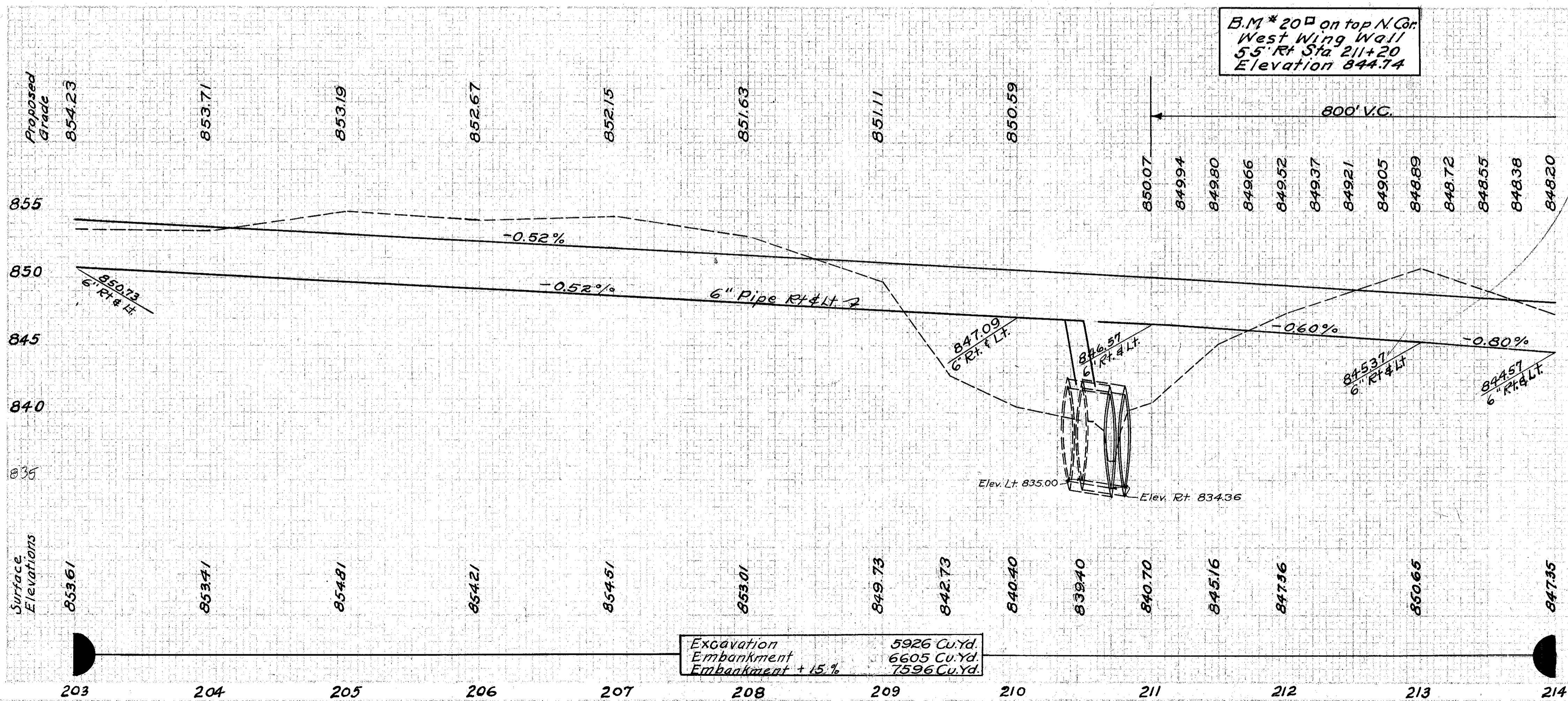
**ROADWAY DRAINAGE "D"**

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each 6"x6" "T"	I-4 Pipe Under Drain Outlets Lin. Ft.
	From	To				
1-D	203+00	210+50	Rt.	750		20
2-D	203+00	210+36	Lt.	736		20
3-D	210+60	214+00	Lt.	340		
4-D	210+70	214+00	Rt.	330		
Totals				2156		40

**STRUCTURES 20' SPAN AND UNDER "C"**

Ref. No.	Station	Type	Size	S-24 Remove & Dispose Existing Structure Lump	Remarks
9-C	210+56	Pipe Culvert	2-128'x84"	1	For details see sheet No. 78

**STEVE & MARY LINGVAI**  
EDGERTON O.



B.M. \* 20' on top N. Cor. West Wing Wall 5.5' Rt. Sta. 211+20 Elevation 844.74

DIV. NO. 2 OHIO FED. AID F642(2) 1947 16 85

WILLIAMS COUNTY  
S.H. 717 SEC. A & B (Pt.)  
S.H. 309 SEC. C (Pt.)  
S.H. 304 SEC. A (Pt.)

ROADWAY DRAINAGE "D"

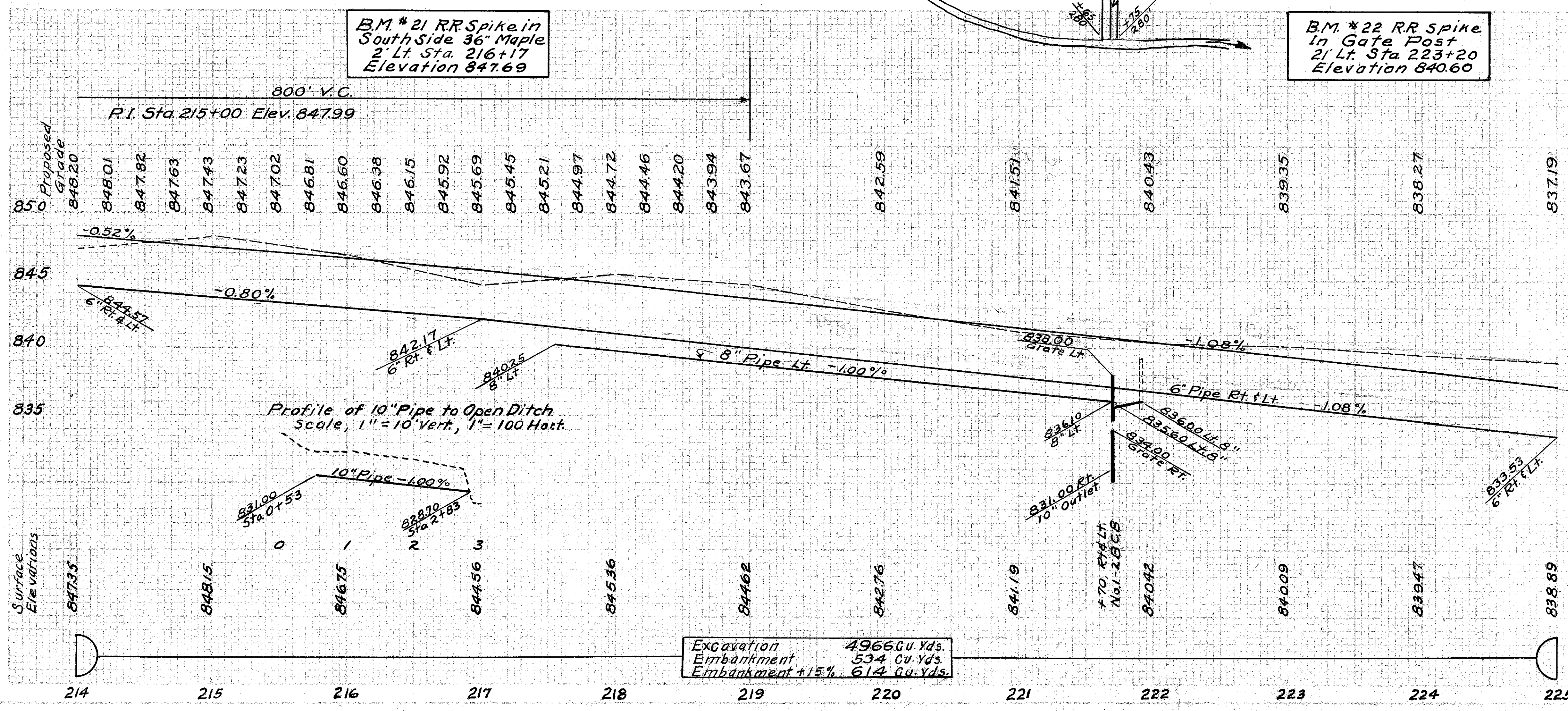
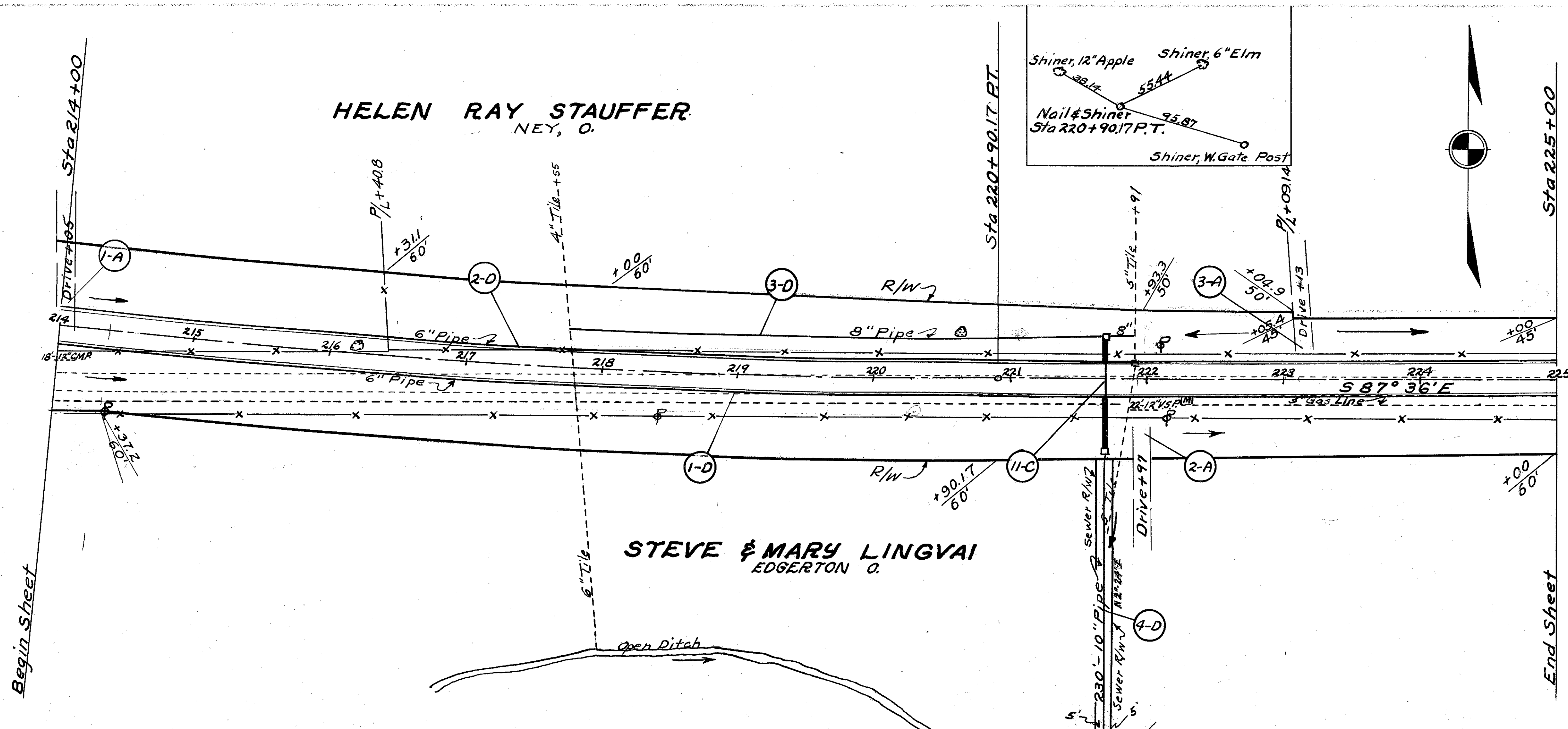
Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each	I-3 Pipe Roadway Drainage Lin. Ft.	I-3 Pipe Roadway Drainage Outlets Lin. Ft.	I-16 Abandon Existing Basins Each	I-4 Pipe Underdrain Outlets Lin. Ft.	
	From	To								
1-D	214+00	225+00	Rt	1099	1				38	
2-D	214+00	225+00	Lt	1099	1				18	
3-D	217+55	221+91	Lt			434		1		
4-D	221+70		Rt				220	10		
Totals				2198	2	434	220	10	1	56

STRUCTURES 20' SPAN AND UNDER "C"

Ref.	Station	Type	Size	Remarks
11-C	221+70	Pipe Culvert	81'-12"	For details see sheet No. 75

SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	E-12 Pipe Remove & Store Lin. Ft.	Remarks
2-A	221+97	Rt	88.2	22	Drive & Mail Box
3-A	223+13	Lt			Drive
Totals			88.2	40	



Excavation 4966 Cu. Yds.  
Embankment 534 Cu. Yds.  
Embankment +15% 614 Cu. Yds.

WILLIAMS COUNTY  
 S.H 717 SEC. A & B (PA)  
 S.H. 309 SEC. C (PA)  
 S.H. 304 SEC. A (PA)

**ROADWAY DRAINAGE "D"**

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each 6x12 "T" Lin. Ft.	I-4 Pipe Under Drains Outlets Lin. Ft.	I-3 Pipe Roadway Drainage Under Pavt. Lin. Ft.	I-3 Pipe Roadway Drainage Outlet Lin. Ft.	E-12 Pipe Remove & Store Basins Lin. Ft.	I-16 Existing Catch Basins Each	I-8 Catch Basins Each
	From	To									
1-D	225+00	236+00	Lt.	1072		20					
2-D	225+00	236+00	Rt.	1072		20					
3-D	232+31	235+06	Rt.		7		265	10			1
4-D	235+06		X-Over						36	1	
5-D	225+13		X-Over				60				
<b>Totals</b>				2144	7	40	60	265	10	36	1

**STRUCTURES 20' SPAN AND UNDER "C"**

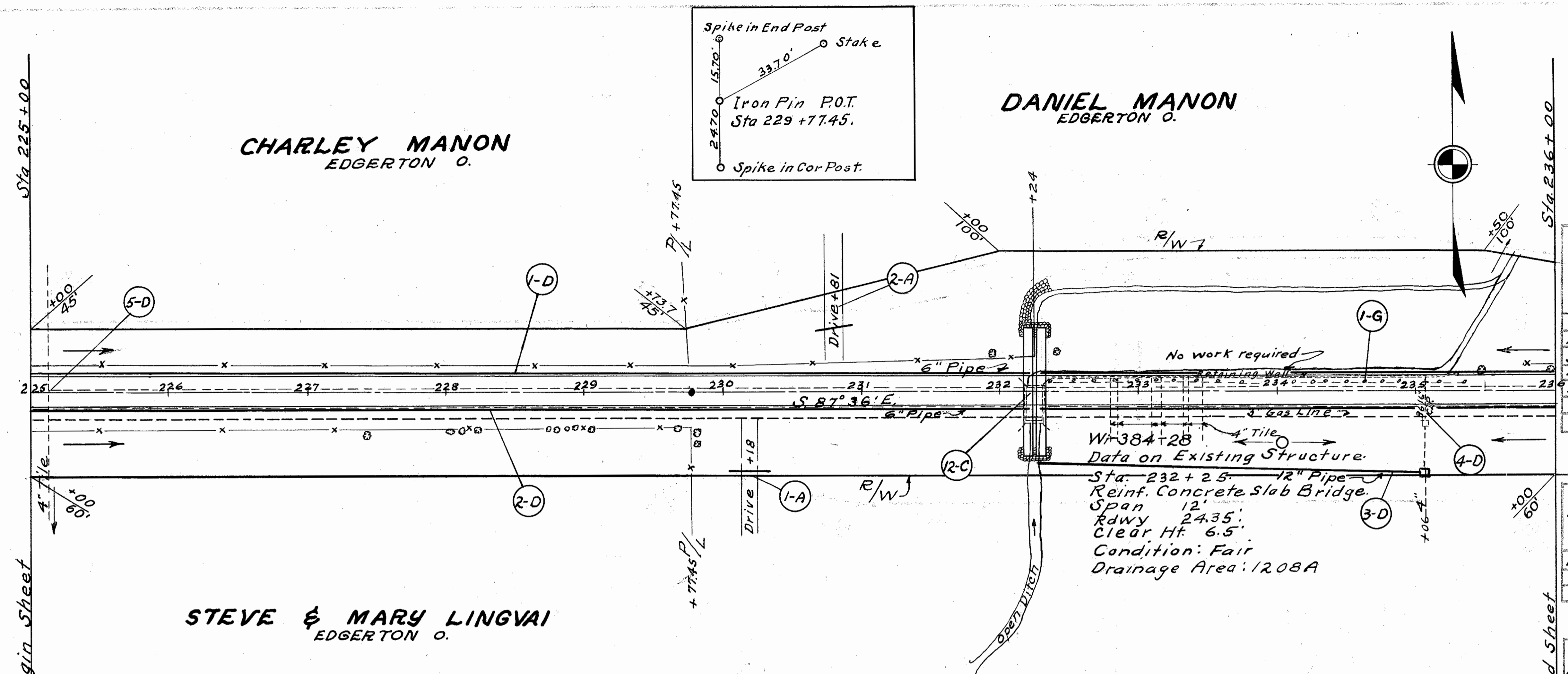
Ref.	Station	Type	Size	Remarks
12-C	232+25	Pipe Culvert	2-88" x 96"	For details see sheet No. 79

**SIDE APPROACHES "A"**

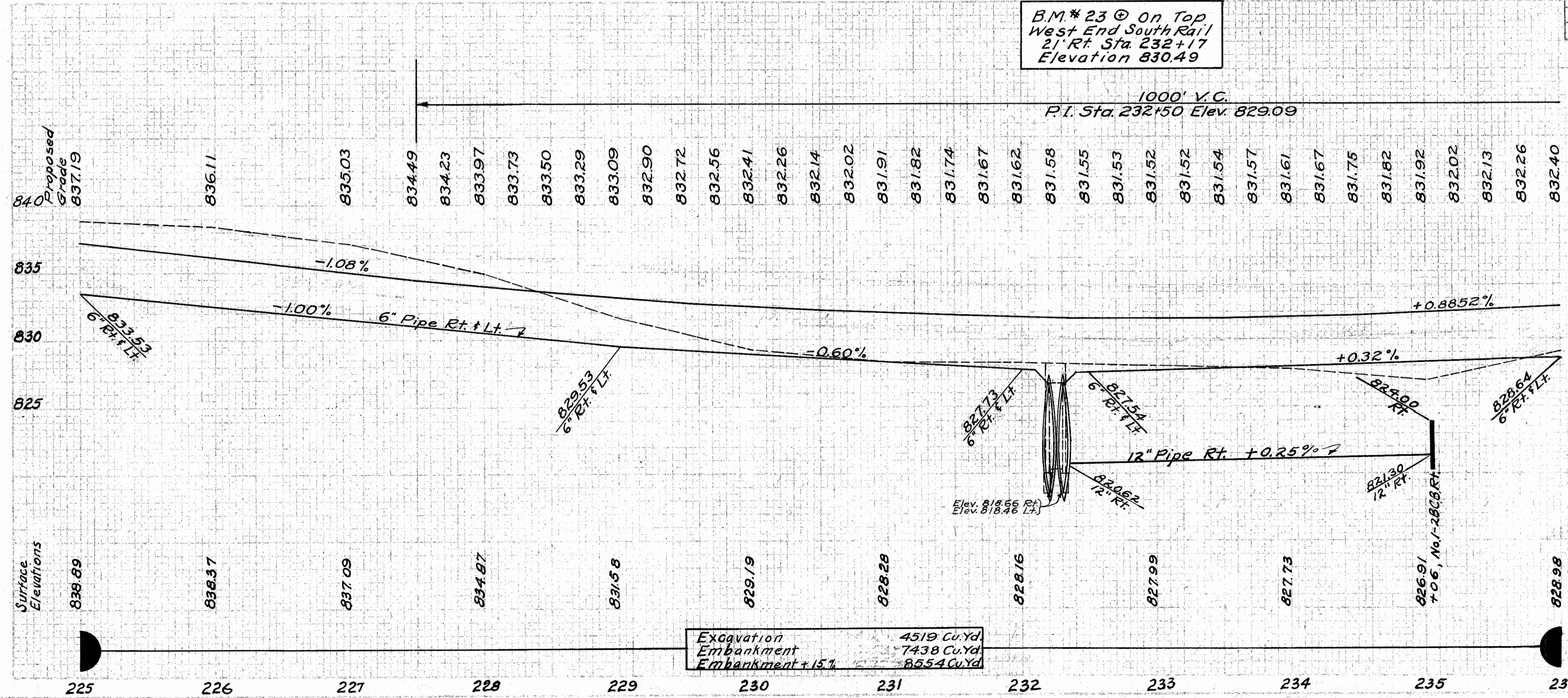
Ref. No.	Station	Side	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.	Remarks
1-A	230+18	Rt.	30		Drive
2-A	230+81	Lt.	27		Drive
<b>Totals</b>				57	

**GUARD RAIL "G"**

Ref. No.	Station	Side	I-15 Guard Rail Remove & Store Lin. Ft.	Remarks
1-G	232+35	Lt.	301	Wood Posts only
<b>Total</b>				301



B.M. # 23 @ On Top West End South Rail 21' Rt. Sta. 232+17 Elevation 830.49



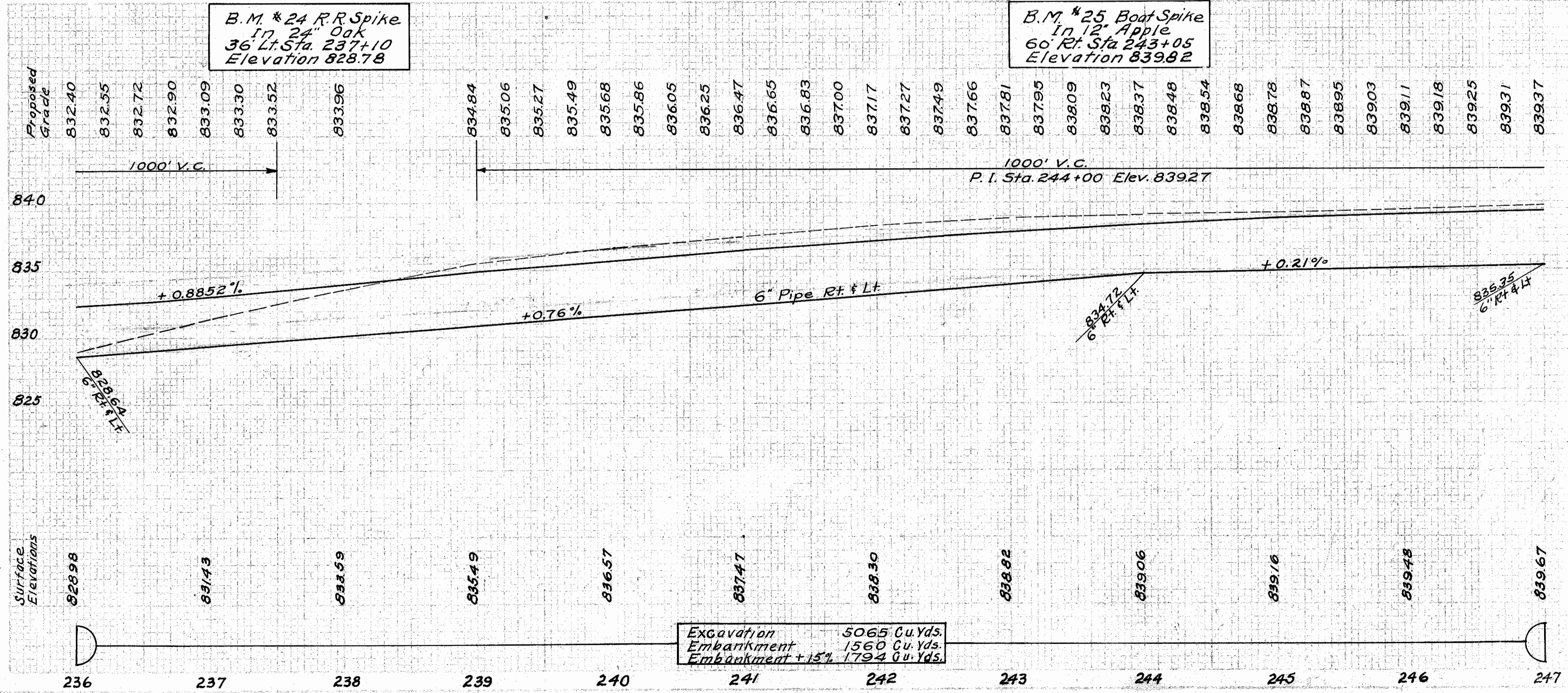
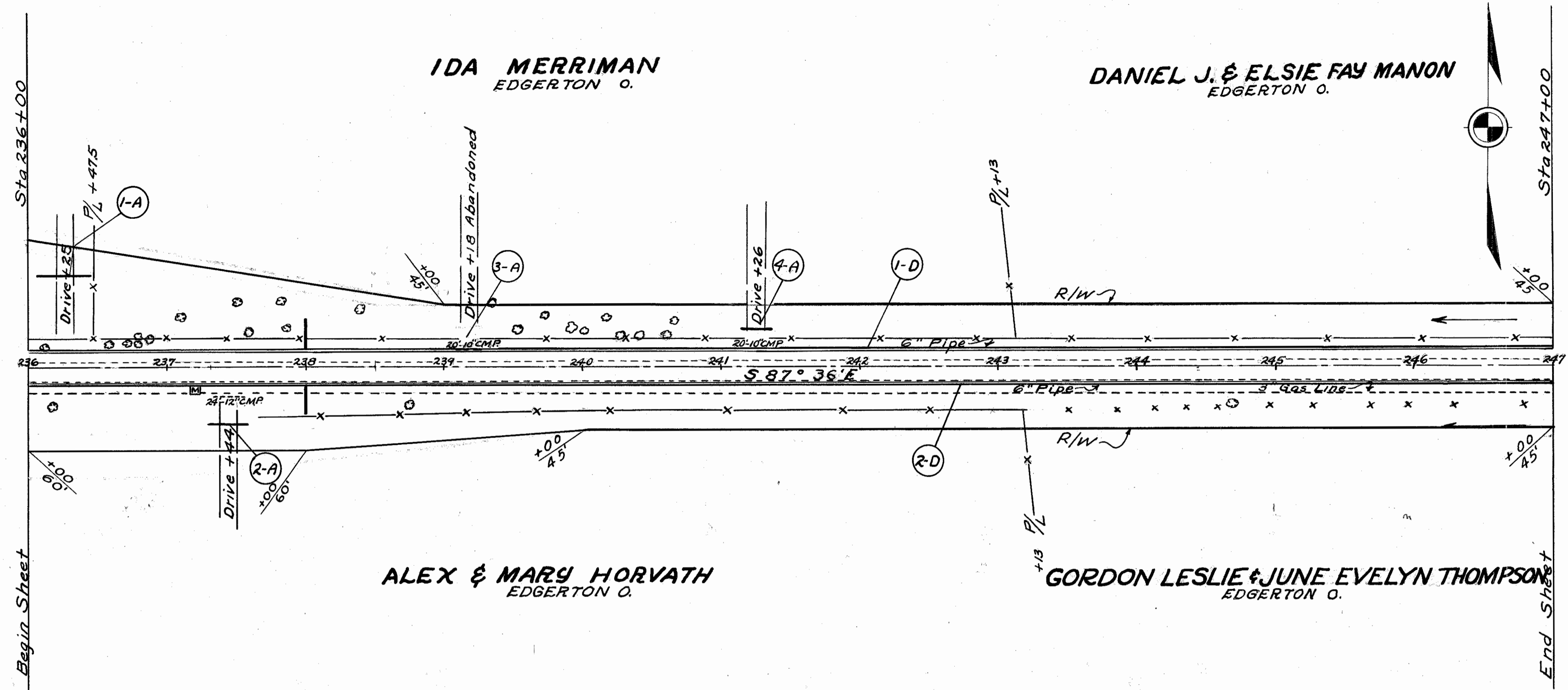
WILLIAMS COUNTY  
 S.H. 717 SEC. A. & B. (Pt.)  
 S.H. 309 SEC. C (Pt.)  
 S.H. 304 SEC. A (Pt.)

**ROADWAY DRAINAGE "D"**

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each 6"x6" "T" Lin. Ft.	I-4 Pipe Under Drains Outlets Lin. Ft.
	From	To				
1-D	236+00	247+00	Lt.	1099	1	22
2-D	236+00	247+00	Rt.	1099	1	22
Totals				2198	2	44

**SIDE APPROACHES "A"**

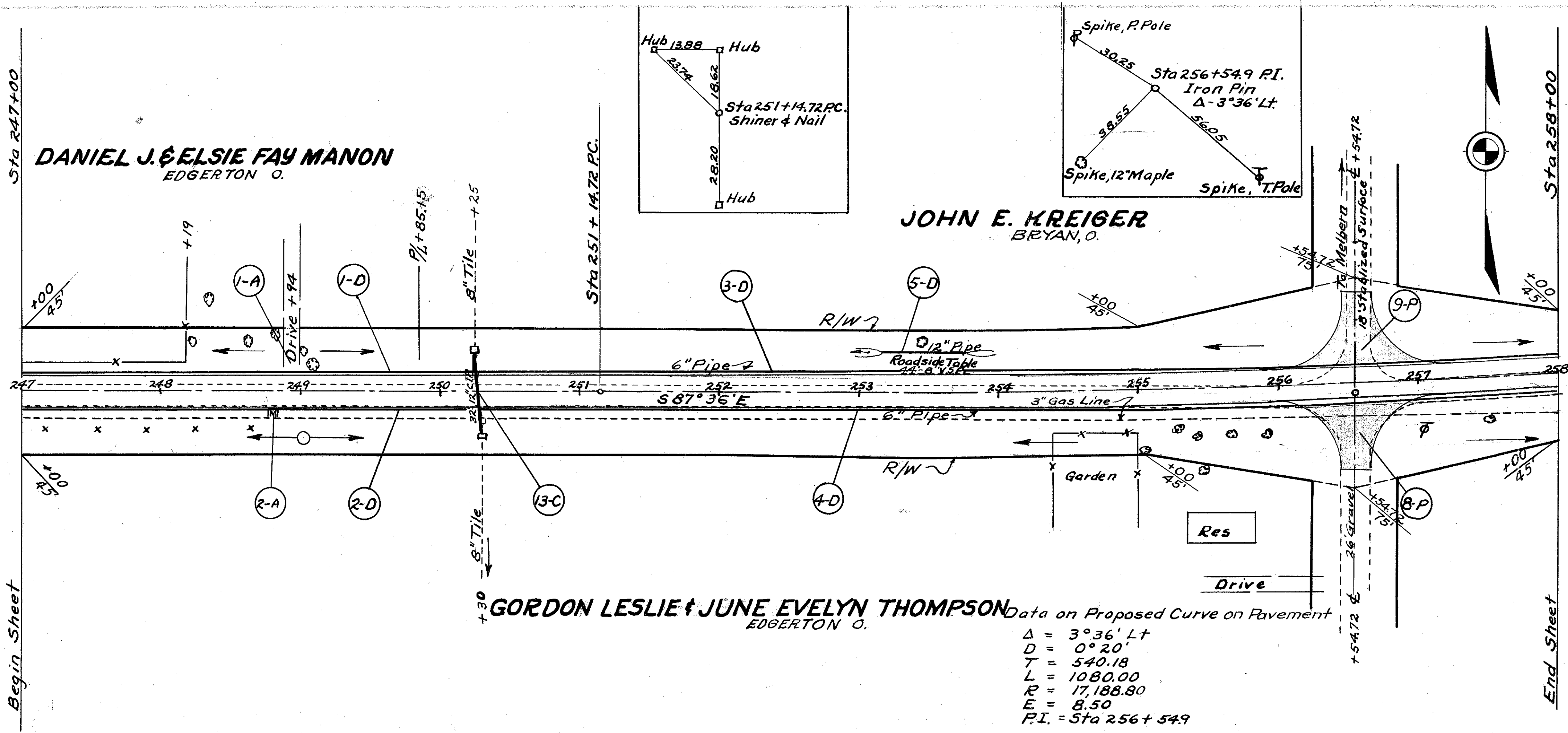
Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.		Remarks
					12" 18"	10" 12"	
1-A	236+25	Lt.		39			Drive
2-A	237+44	Rt.	90.4	40		24	Drive & Mail Box
3-A	239+18	Lt.			20		Abandoned Drive
4-A	241+26	Lt.			20		Drive
Totals			90.4	39	40	24	



Excavation 5065 Cu. Yds.  
 Embankment 1560 Cu. Yds.  
 Embankment +15% 1794 Cu. Yds.



WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (PA)  
 S.H. 309 SEC. C (PA)  
 S.H. 304 SEC. A (PA)

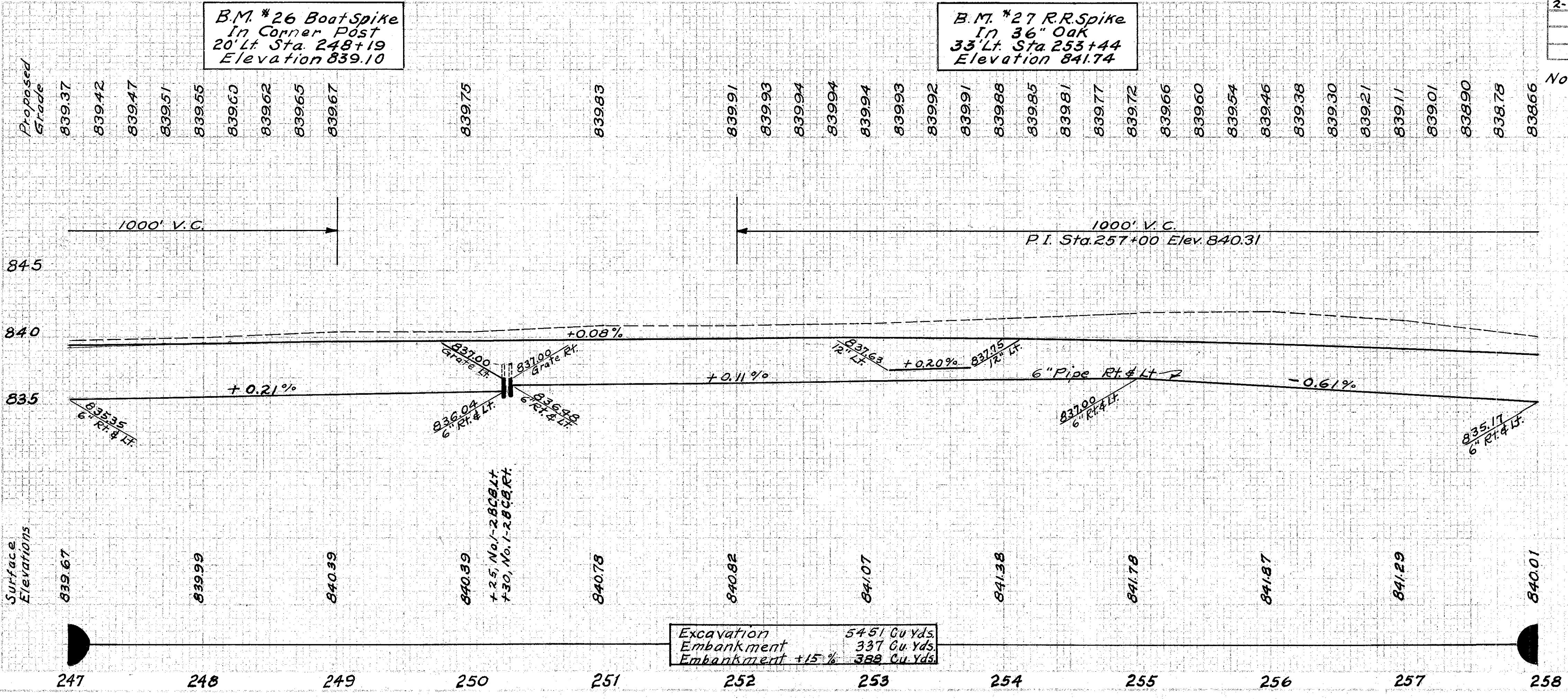


Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft. 6"	I-3 Pipe Roadway Drainage Lin. Ft. 12"
	From	To			
1-D	247+00	250+26	Lt	32.6	
2-D	247+00	250+27	Rt	32.7	
3-D	250+27	258+00	Lt	77.3	
4-D	250+28	258+00	Rt	77.2	
5-D	253+14	253+74	Lt		60
Totals				2198	60

Ref.	Station	Type	Size	Remarks
13-C	250+22.5	Pipe Culvert	60" - 12"	For details see sheet No. 76

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft.	Remarks
1-A	248+94	Lt	39.9		Drive
2-A	248+80	Rt	38.9		Mail Box
Totals			78.8		

Note: 8P & 9-P For details of Extra Pavement see sheet No. 70



DIV. NO. 2 OHIO  
 FED. AID F-642(2) 1947  
 20 85

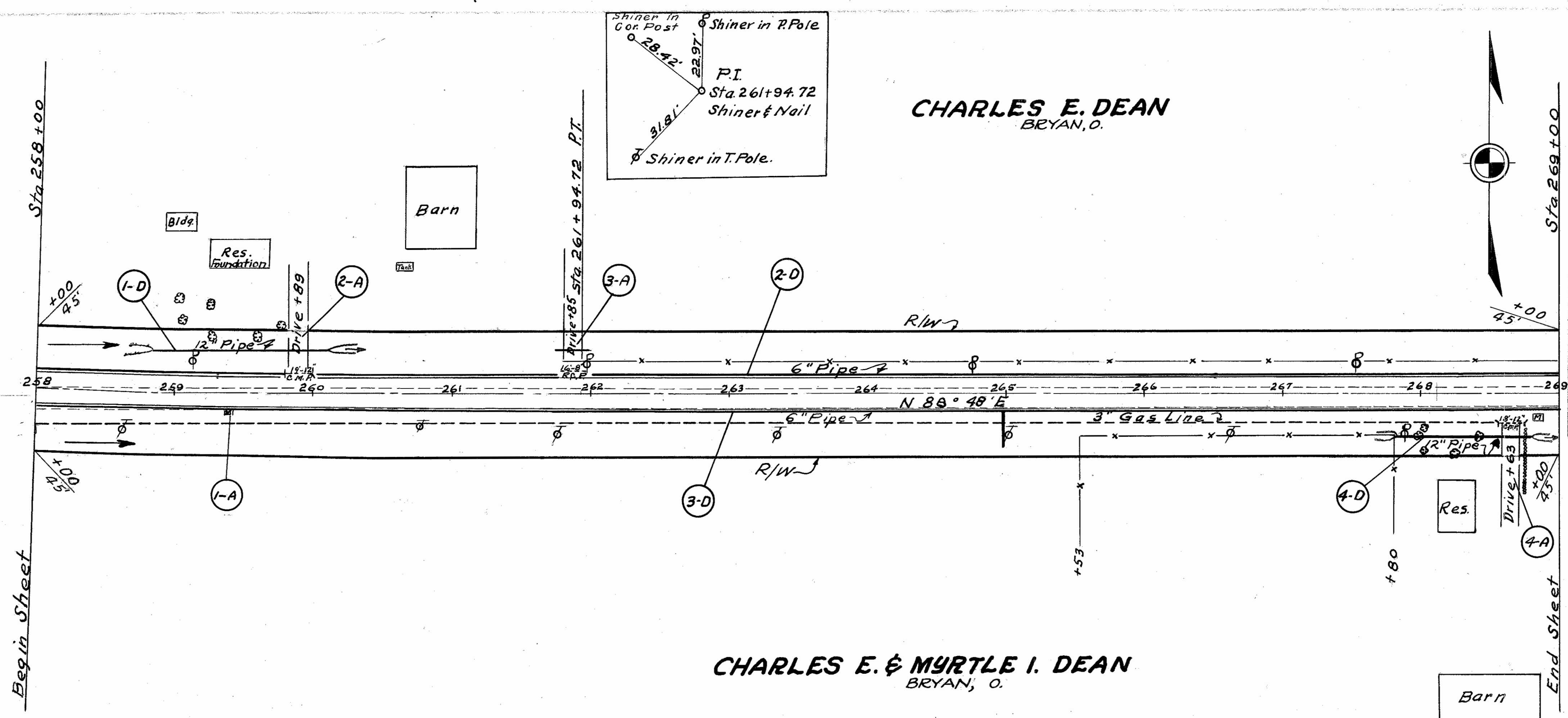
WILLIAMS COUNTY  
 S.H. 717 SEC. A, E (PA)  
 S.H. 309 SEC. C (Pt.)  
 S.H. 304 SEC. A (Pt.)

ROADWAY DRAINAGE "D"

Ref No.	Station		Side	I-4 Pipe Under Drains Lin. Ft. 6"	I-5 Pipe Specials Each 6"x6" "T" Lin. Ft.	I-4 Pipe Under Drains Lin. Ft. 6"	I-3 Pipe Roadway Drainage Lin. Ft. 12"	I-3 Pipe Roadway Drainage Under Drives Lin. Ft. 12"
	From	To						
1-D	258+84	260+10	Lt				102	24
2-D	258+00	269+00	Lt	1100				
3-D	258+00	269+00	Rt	1099	1	24		
4-D	267+80	268+79	Rt				75	24
Totals				2199	1	24	177	48

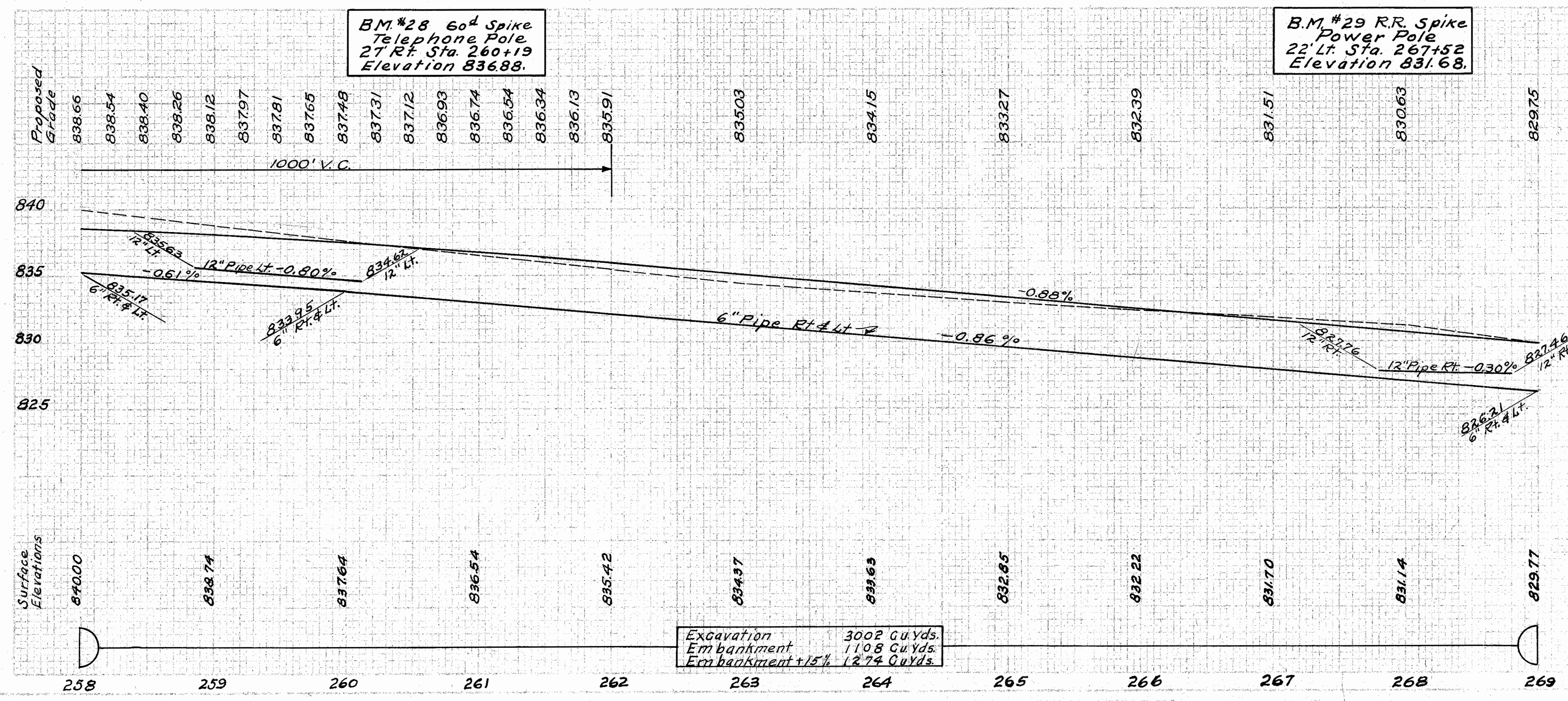
SIDE APPROACHES "A"

Ref No.	Station	Side	I-17 Aggregate SqYds	I-1 Drive Pipe Lin. Ft. 12"	E-12 Pipe Remove # Store Lin. Ft. 8" 12"	Remarks
2-A	259+89	Lt	37.7		19	Drive
3-A	261+85	Lt	24		16	Drive
4-A	268+63	Rt	71.5		18	Drive & Mail Box
Totals			148.1	24	16 37	



CHARLES E. DEAN  
 BRYAN, O.

CHARLES E. & MYRTLE I. DEAN  
 BRYAN, O.



Excavation 3002 Cu.Yds.  
 Embankment 1108 Cu.Yds.  
 Embankment +15% 12.74 Cu.Yds.

Sta. 258+00 to 269+00

LEWIS W. & CLARICE COULSON  
BRYAN, O.

DIV. NO. 2 OHIO  
FED. AID 21  
F-64202 1947 85

WILLIAMS COUNTY  
S.H. 717 SEC. A & B (Pt.)  
S.H. 309 SEC. C (Pt.)  
S.H. 304 SEC. A (Pt.)

ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each 6x6" 4" 6"	I-4 Pipe Under Drains Outlets Lin. Ft.	I-3 Pipe Roadway Drainage Lin. Ft.	I-3 Pipe Roadway Drainage Under Drives Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.	S-22 Remove & Dispose of Existing Structures Cu. Yd.
	From	To								
1-D	269+00	280+00	Lt	1098	2	50				
2-D	269+00	280+00	Rt	1099	1	42				
3-D	272+31	274+74	Rt				219	24		
4-D	273+40		X-Over						28	.8
Totals				2197	3	92	219	24	28	.8

STRUCTURES 20' SPAN AND UNDER "C"

Ref.	Station	Type	Size	Remarks
14-C	277+05	Pipe Culvert	104'-18"	For details see sheet No. 76

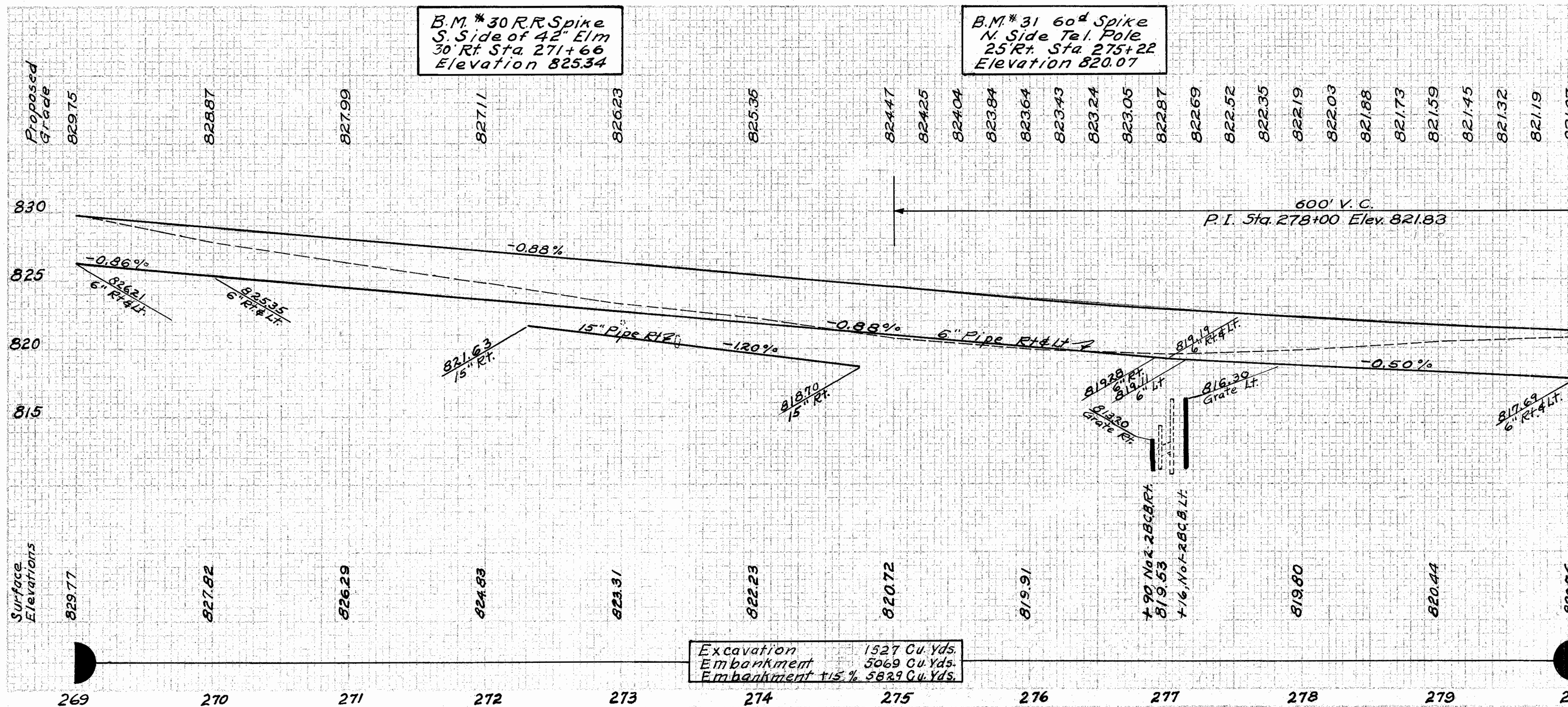
SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.	Remarks
1-A	272+52	Rt	54.3		18	Drive
2-A	273+48	Rt	38.9			Mail Box
3-A	275+62	Rt		24		Drive
4-A	277+90	Rt		24	20	Drive
5-A	279+27	Lt	35.4			Drive
6-A	279+90	Rt	38.9			Drive
Totals			167.5	24	20	18

Begin Sheet

End Sheet

CLIFFORD R. DENMAN  
BRYAN, O.



WILLIAMS COUNTY  
S.H. 717 SEC. A & B (PA)  
S.H. 309 SEC. C (PA)  
S.H. 304 SEC. A (PA)

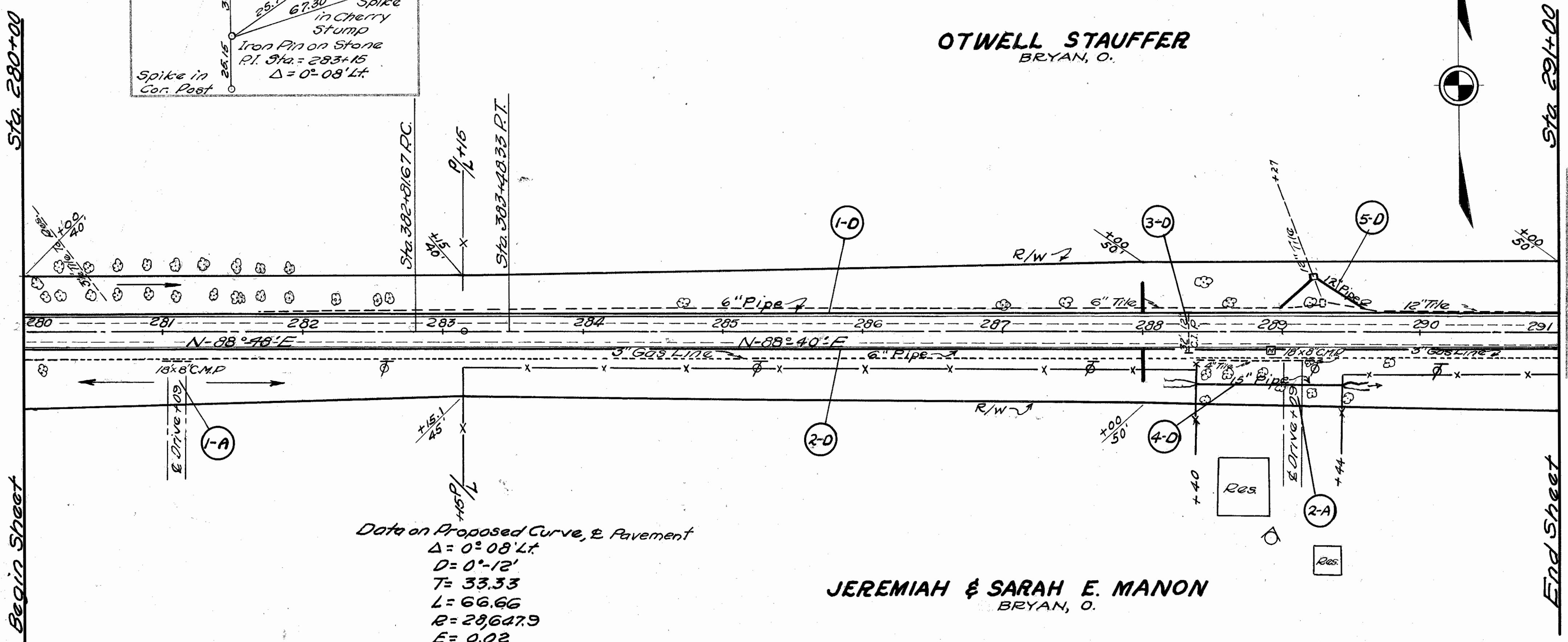
OTWELL STAUFFER  
BRYAN, O.

ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each	I-4 Pipe Under Drains Lin. Ft.	I-3 Pipe Roadway Drainage Lin. Ft.	S-22 Remove # Disposal of Portions Existing Structure Cu. Yds.	I-16 Abandon Existing Catch Basins Each	E-12 Pipe No. 12 Catch Basins Lin. Ft.	I-8 No. 18 Catch Basins Lin. Ft.
	From	To									
1-D	280+00	291+00	Lt.	1099	1	20					
2-D	280+00	291+00	Rt.	1099	1	22					
3-D	288+34		X-over					1.2		32	
4-D	288+40	289+45	Rt.				105				
5-D	289+00	289+60	Lt.				32.45		1		1
Totals				2198	2	42	32.45/105	1.2	1	32	1

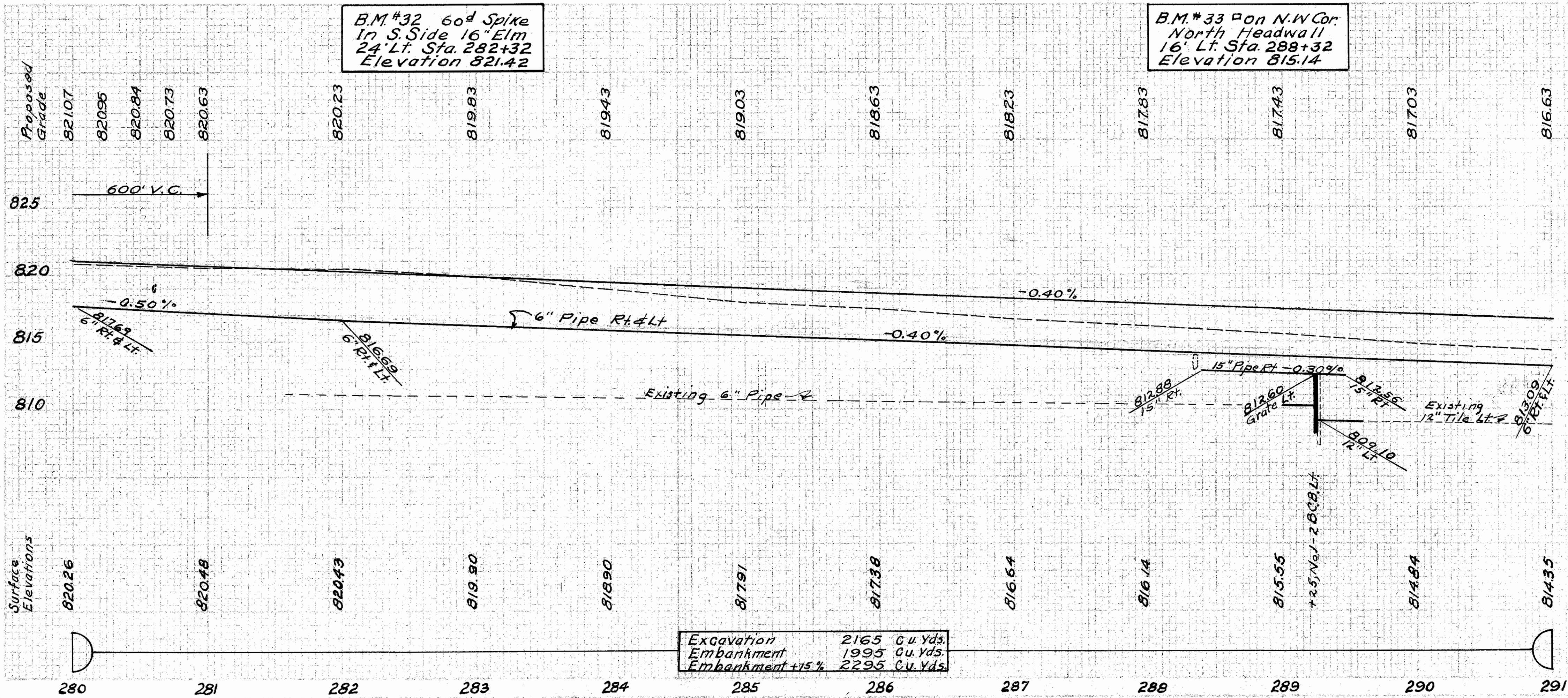
SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	E-12 Pipe Remove # Store Lin. Ft.	Remarks
2-A	289+09	Rt.	71.5	18"	Drive & Mail Box
Totals			71.5	36	



Data on Proposed Curve, & Pavement  
 $\Delta = 0^\circ 08' Lt.$   
 $D = 0^\circ 12'$   
 $T = 33.33$   
 $L = 66.66$   
 $R = 29647.9$   
 $E = 0.02$   
 $PI = Sta. 283+15$

JEREMIAH & SARAH E. MANON  
BRYAN, O.



Excavation 2165 Cu. Yds.  
 Embankment 1995 Cu. Yds.  
 Embankment +15% 2295 Cu. Yds.

**PAUL & THELMA A. CONRAD**  
EDGERTON O.

DIV. NO. 2 OHIO FED. AID F64R(2) 1947 23 85

**WILLIAMS COUNTY**  
S.H. 717 SEC. A. & B. (PA)  
S.H. 309 SEC. C (Pt.)  
S.H. 304 SEC. A (Pt.)

**ROADWAY DRAINAGE "D"**

Ref. No.	Station		Side	I-4 Pipe Under Drains	I-4 Pipe Under Drains	I-3 Pipe Roadway Drainage	I-3 Pipe Roadway Drainage	I-3 Pipe Roadway Drainage	
	From	To		Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	
1-D	291+12	292+20	Lt.	6"	6"	12"	15"	12"	
2-D	291+00	296+12	Lt.	512	10				
3-D	291+00	296+12	Rt.	512	10				
4-D	296+02	296+22	Lt.			10		10	
5-D	296+41	302+00	Lt.	559	10				
6-D	296+41	302+00	Rt.	559	10				
<b>Totals</b>				<b>2142</b>	<b>40</b>	<b>10</b>	<b>84</b>	<b>24</b>	<b>10</b>

**STRUCTURES 20' SPAN AND UNDER "C"**

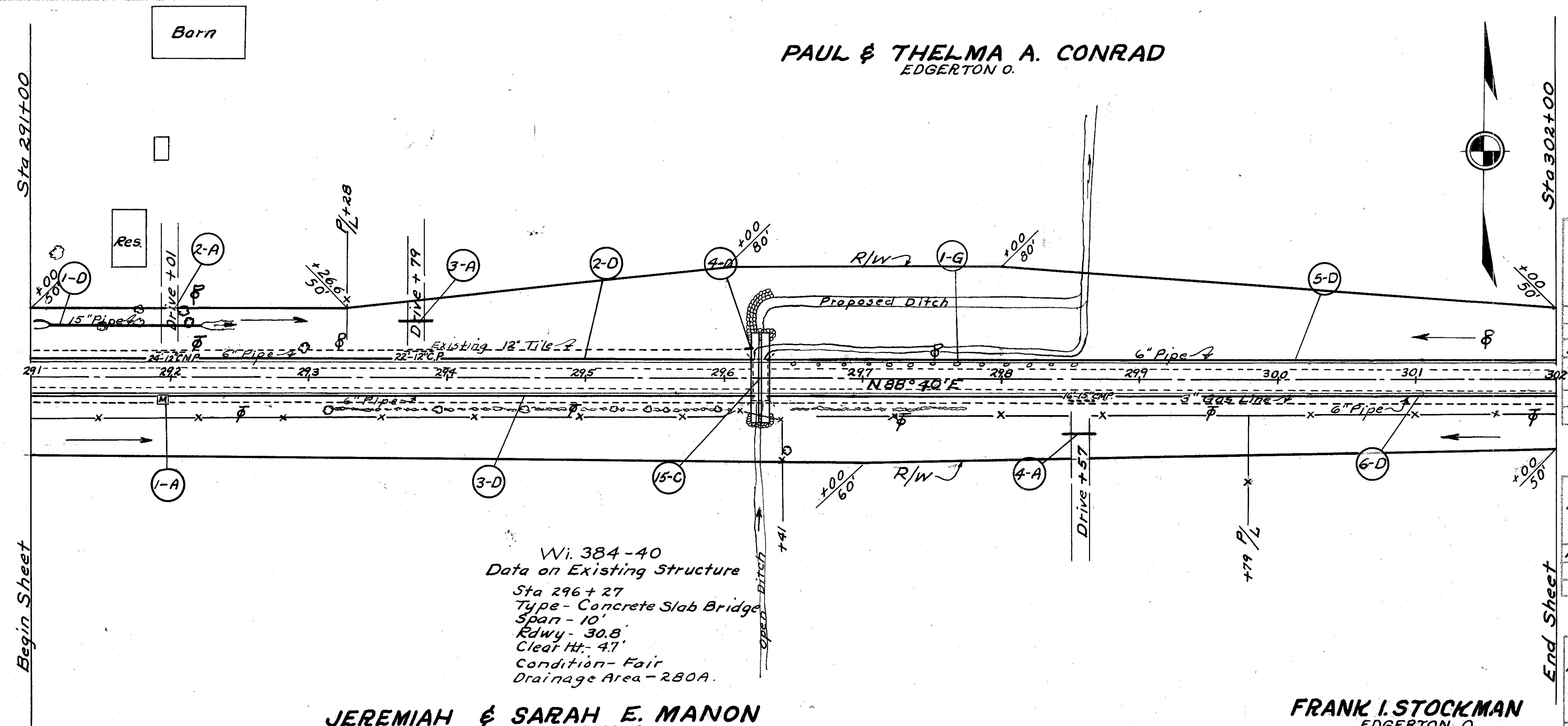
Ref.	Station	Type	Size	Remarks
15-C	296+27	Pipe Culvert	2 - 64" x 72"	For details see sheet No. 79

**SIDE APPROACHES "A"**

Ref. No.	Station	Side	I-17 Aggregate	I-1 Drive Pipe	E-12 Pipe Remove & Store	Remarks	
			Sq. Yds.	Lin. Ft.	Lin. Ft.		
1-A	291+95	Rt.	38.9	15" 18"	12" 15"	Mail Box	
2-A	292+01	Lt.	43.2		24	Drive	
3-A	293+19	Lt.		24	22	Drive	
4-A	298+57	Rt.		24	16'	Drive	
<b>Totals</b>			<b>82.1</b>	<b>24</b>	<b>24</b>	<b>46</b>	<b>16</b>

**GUARD RAIL "G"**

Ref. No.	Station		Side	I-15 Guard Rail	Remarks
	From	To		Remove & Store Lin. Ft.	
1-G	296+57	298+58	Lt.	201	Wood Posts only
<b>Total</b>				<b>201</b>	



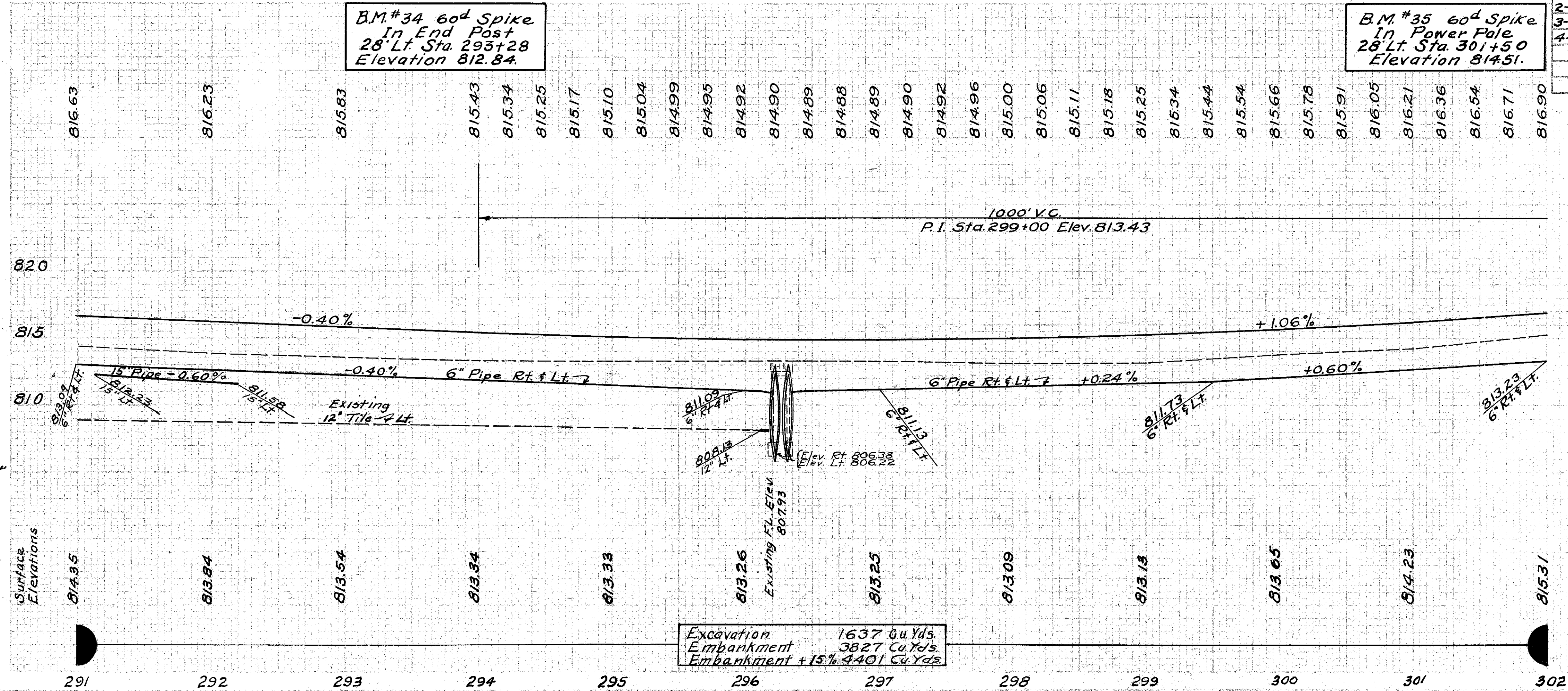
Wi. 384-40  
Data on Existing Structure  
Sta 296 + 27  
Type - Concrete Slab Bridge  
Span - 10'  
Rdwy - 30.8'  
Clear Ht - 41'  
Condition - Fair  
Drainage Area - 280A.

**JEREMIAH & SARAH E. MANON**  
BRYAN, O.

**FRANK I. STOCKMAN**  
EDGERTON O.

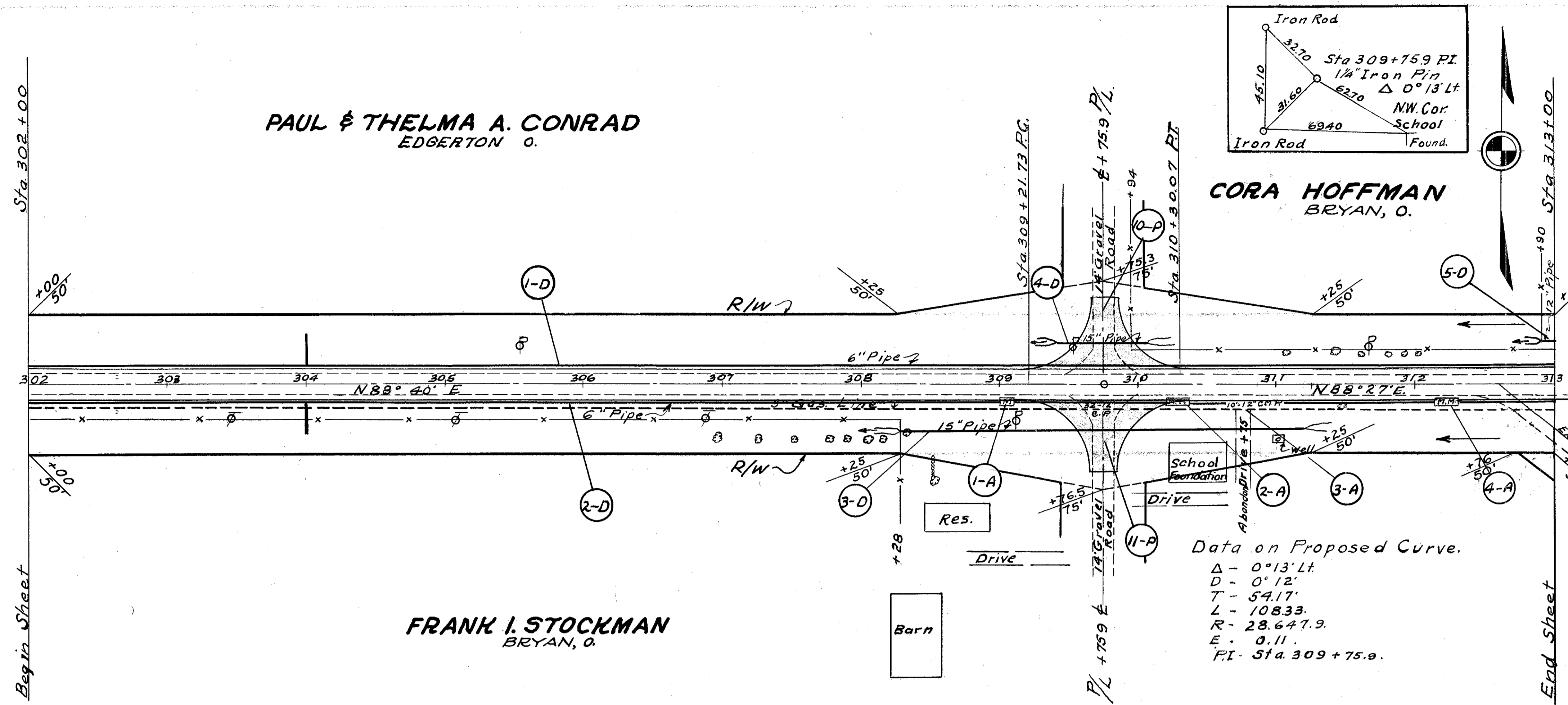
B.M. #34 60d Spike  
In End Post  
28' Lt. Sta. 293+28  
Elevation 812.84.

B.M. #35 60d Spike  
In Power Pole  
28' Lt. Sta. 301+50  
Elevation 814.51.



Excavation 1637 Cu. Yds.  
Embankment 3827 Cu. Yds.  
Embankment + 15% 4401 Cu. Yds.

WILLIAMS COUNTY  
 S.H. 717 SEC. A. & B. (PA)  
 S.H. 309 SEC. C (PA)  
 S.H. 304 SEC. A (PA)

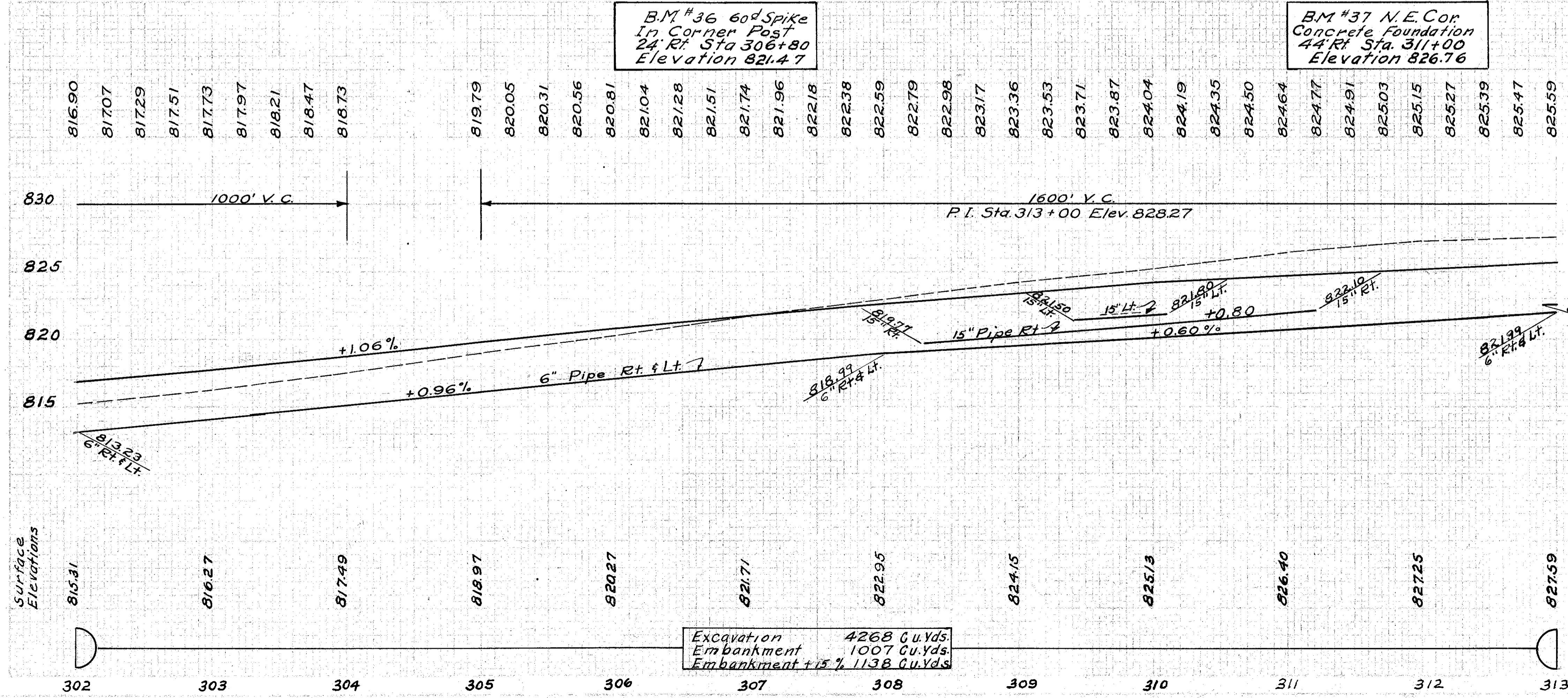


**ROADWAY DRAINAGE "D"**

Ref. No.	Station		Side	I-4 Pipe Under Drains	I-5 Pipe Specials Each	I-4 Pipe Under Drains	I-3 Pipe Roadway Drainage	I-3 Pipe Roadway Drainage	E-12 Pipe Remove & Store	S-22 Remove & Dispose Existing Structure	
	From	To		Lin. Ft.	"T"	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Cu. Yd.
1-D	302+00	313+00	Lt	1099	1	20					
2-D	302+00	313+00	Rt	1099	1	22					
3-D	308+28	311+19	Rt				237	54	32	1.0	
4-D	309+42	310+11	Lt					69			
5-D	312+90	313+00	Lt					10			
Totals				2198	2	42	237	123	10	32	1.0

**SIDE APPROACHES "A"**

Ref. No.	Station	Side	I-17 Aggregate	I-1 Drive Pipe	E-12 Pipe Remove & Store	Remarks
			Sq. Yds	Lin. Ft.	Lin. Ft.	
1-A	309+08	Rt	389		12"	Mail Box
2-A	310+27	Rt	31.0			Mail Box
3-A	310+75	Rt			10	Abandon Drive
4-A	312+21	Rt	38.9			Mail Box
Totals			108.8		10	



Excavation 4268 Cu. Yds.  
 Embankment 1007 Cu. Yds.  
 Embankment + 15% 1138 Cu. Yds.

Note: 10-P & 11-P For details of Extra Pavement see sheet No. 70.

WILLIAMS COUNTY  
S.H. 717 SEC. A. & B (PA)  
S.H. 309 SEC. C (PA)  
S.H. 304 SEC. A (PA)

CORA HOFFMAN  
BRYAN, O.

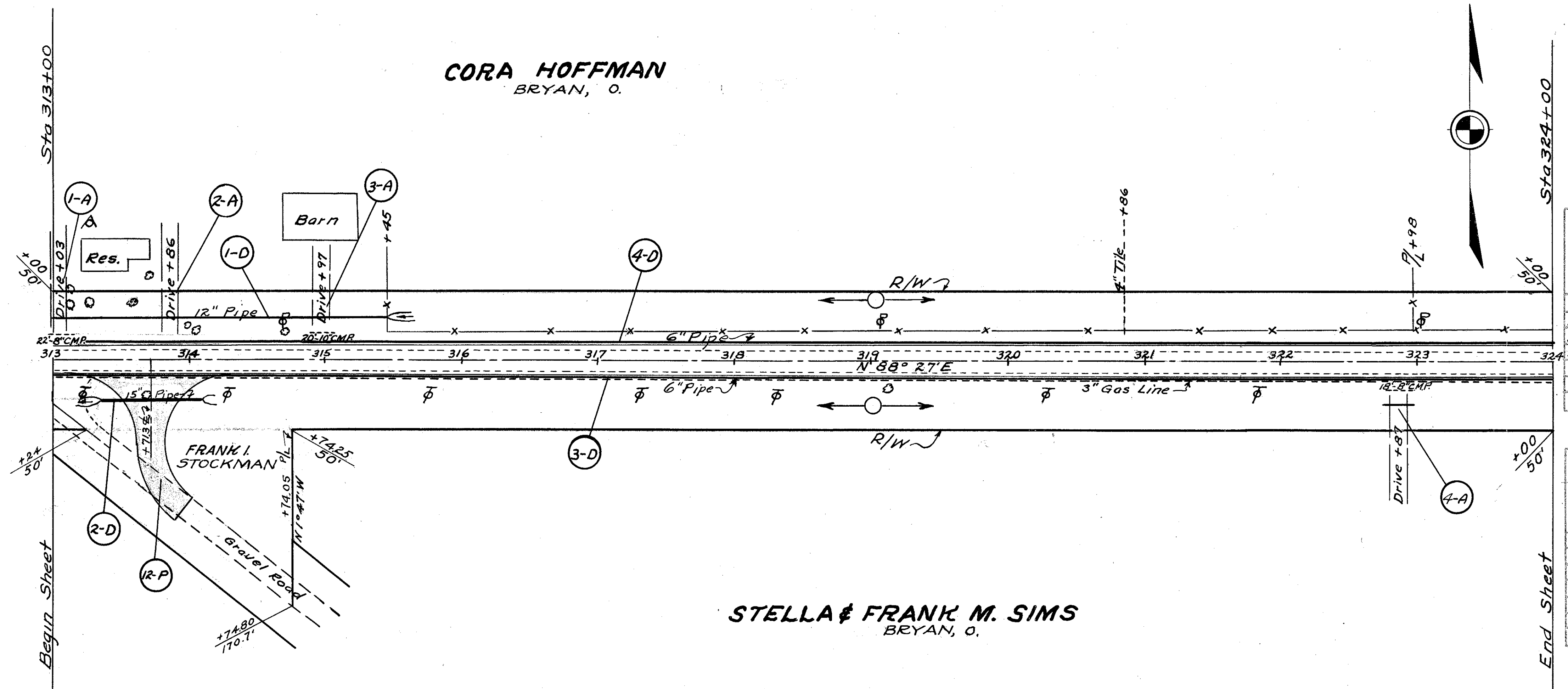
ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-3 Pipe Roadway Drainage Lin. Ft.	I-3 Pipe Roadway Drainage Under Drains Lin. Ft.
	From	To				
1-D	313+00	315+45	Lt	6"	183	62
2-D	313+35	314+07	Rt			72
3-D	313+00	324+00	Rt	1100		
4-D	313+00	324+00	Lt	1100		
Totals				2200	183	72

SIDE APPROACHES "A"

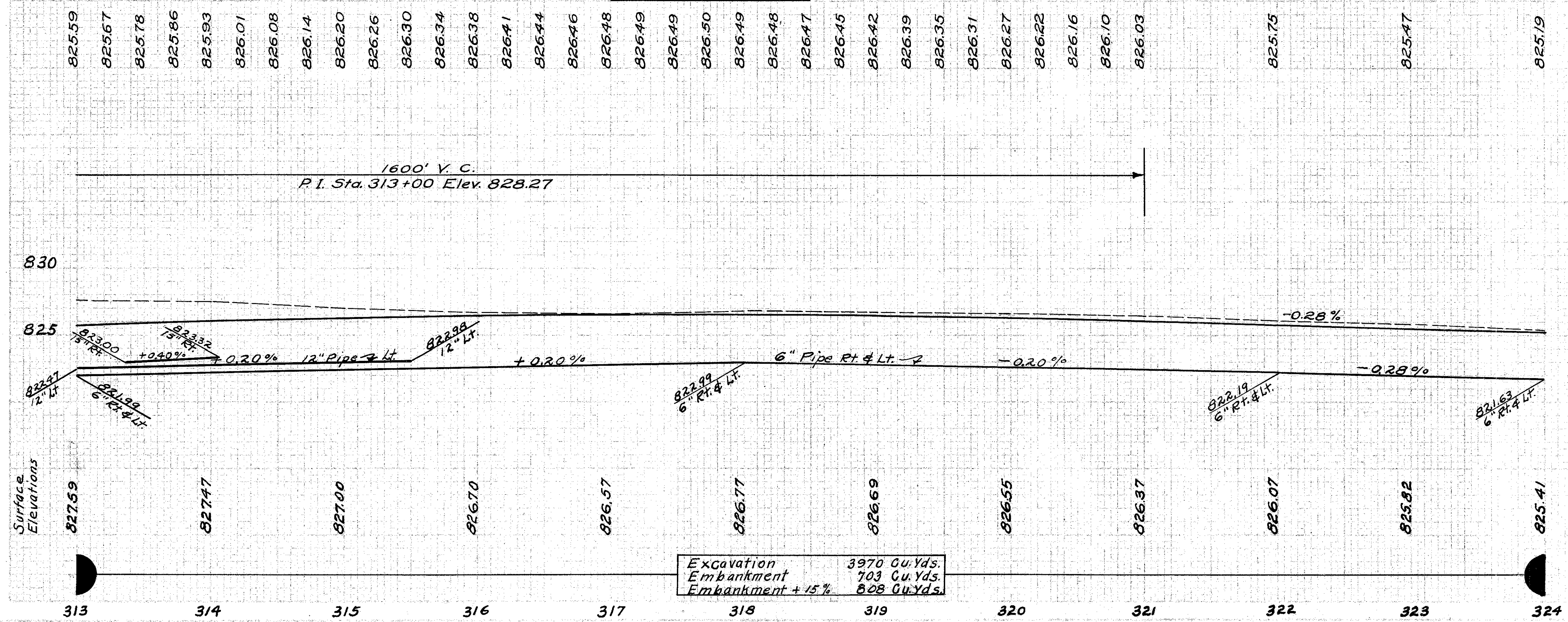
Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove # Store Lin. Ft.	Remarks
2-A	313+86	Lt	41.0			Drive
3-A	314+97	Lt	39.9			Drive
4-A	322+87	Rt		24		Drive
Totals			80.9	24	22 20	

Note: 12-P For details of Extra Pavement see sheet No. 71



STELLA & FRANK M. SIMS  
BRYAN, O.

B.M. \*38 60<sup>d</sup> Spike  
S. Side Telephone Pole  
25' Rt. Sta. 317+30  
Elevation 826.69



Excavation 3970 Cu. Yds.  
Embankment 703 Cu. Yds.  
Embankment + 15% 808 Cu. Yds.

WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (Pt.)  
 S.H. 309 SEC. C (Pt.)  
 S.H. 304 SEC. A (Pt.)

STELLA & FRANK M. SIMS  
 BRYAN, O.

ROADWAY DRAINAGE "D"

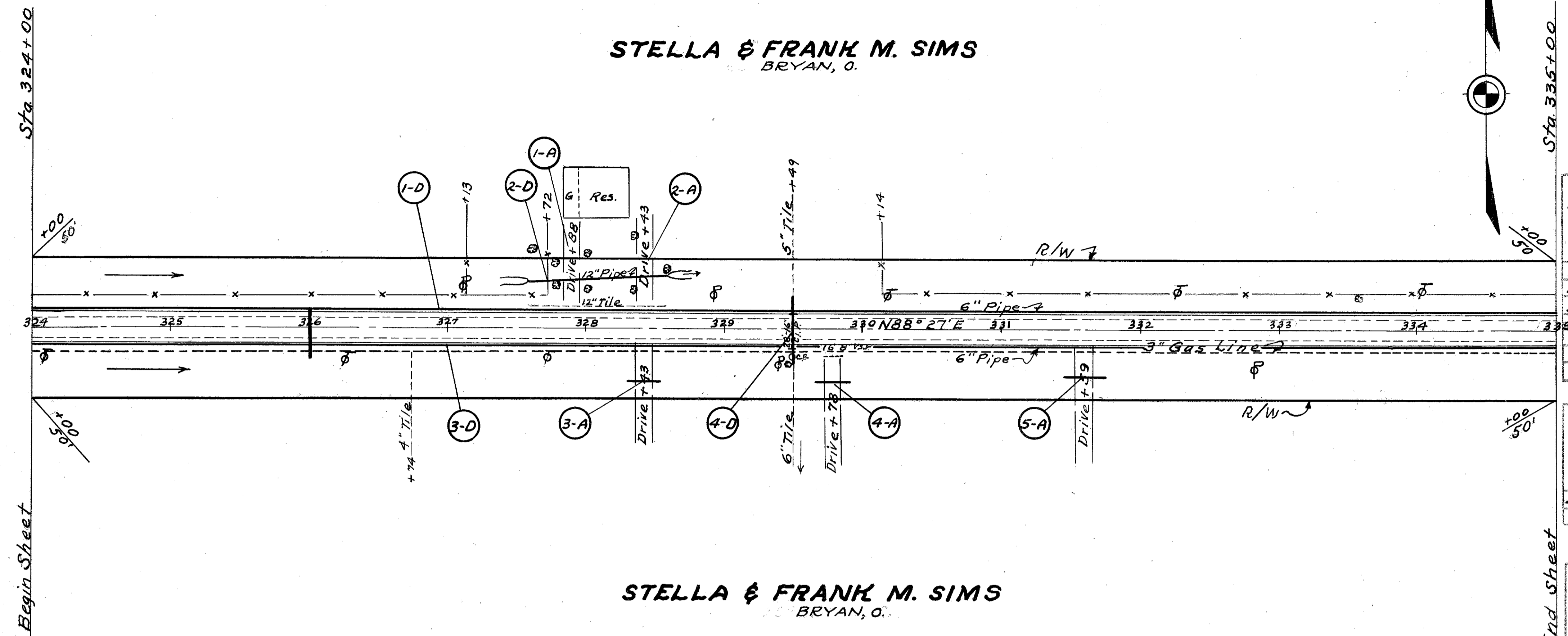
Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-5 Pipe Specials Each 6" x 6" Double "T"	I-4 Pipe Under Drains Outlets Lin. Ft.	I-4 Pipe Under Drains Lin. Ft.	I-3 Roadway Drainage Pipe Lin. Ft.	I-3 Pipe Roadway Drainage under Pavt. Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.	I-16 Abandon Existing Catch Basins Each			
	From	To												
1-D	324+00	335+00	Lt.	1099	1		24							
2-D	327+58	328+60	Lt.					54		48	100			
3-D	324+00	335+00	Rt.	1099	1	24								
4-D	329+49		X-Over						76		28			
Totals				2198	1	1	24	24	54	76	48	100	28	1

ROADWAY DRAINAGE "D" CONTINUED

Ref. No.	Station		Side	S-22 Remove & Dispose Portions of Existing Structure Cu. Yds.
	From	To		
4-D	329+49		X-Over	1.2
Totals				1.2

SIDE APPROACHES "A"

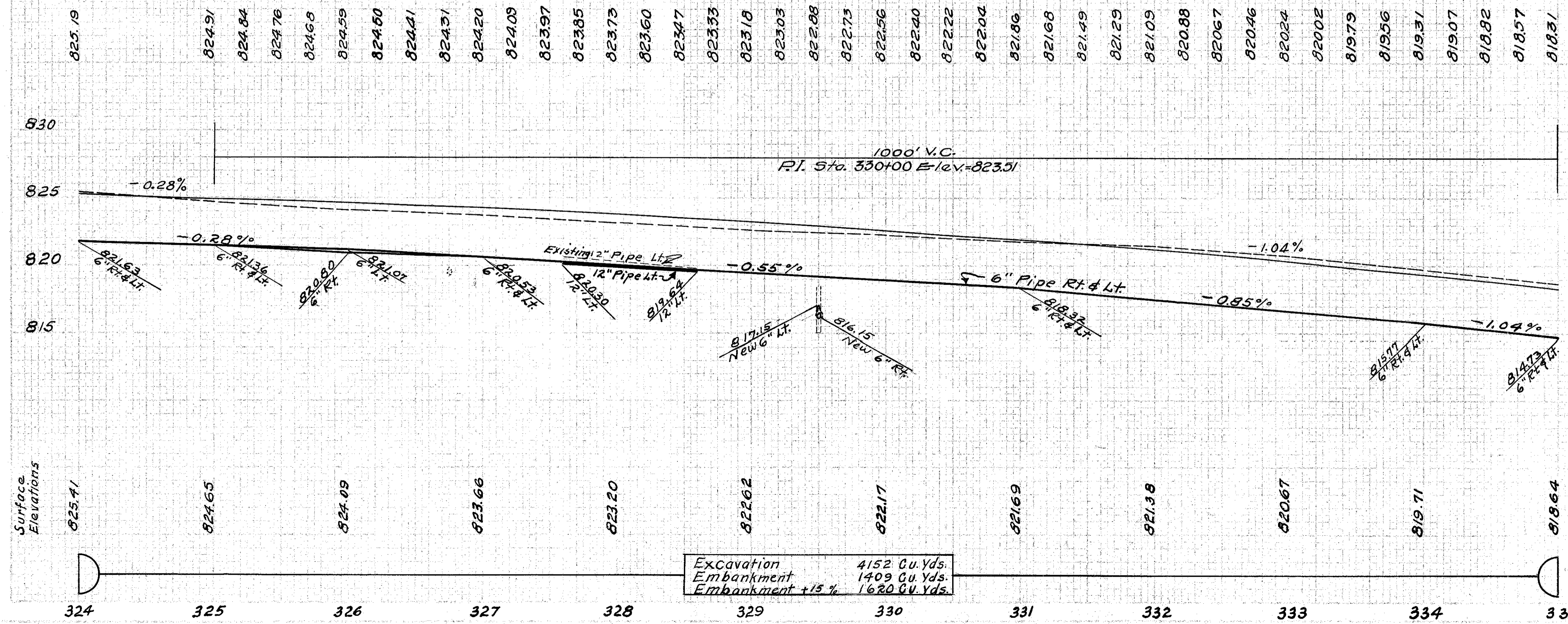
Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.	Remarks
2-A	328+43	Lt.	32.1			Drive
3-A	328+43	Rt.		24		Drive
4-A	329+78	Rt.		24	16	Drive
5-A	331+59	Rt.		30		Drive
Totals			64.2	78	16	



STELLA & FRANK M. SIMS  
 BRYAN, O.

B.M. #39 60<sup>d</sup> Spike  
 N. Side Telephone Pole  
 22' Rt. Sta. 324+08  
 Elevation 825.98

B.M. #40 60<sup>d</sup> Spike  
 S. Side Power Pole  
 23' Rt. Sta. 332+81  
 Elevation 820.57



Excavation 4152 Cu. Yds.  
 Embankment 1409 Cu. Yds.  
 Embankment +15% 1620 Cu. Yds.



DIV. NO. 2 OHIO FED. AID 27  
 F-642(2) 1947 85

WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (PA)  
 S.H. 309 SEC. C (Pt.)  
 S.H. 304 SEC. A (Pt.)

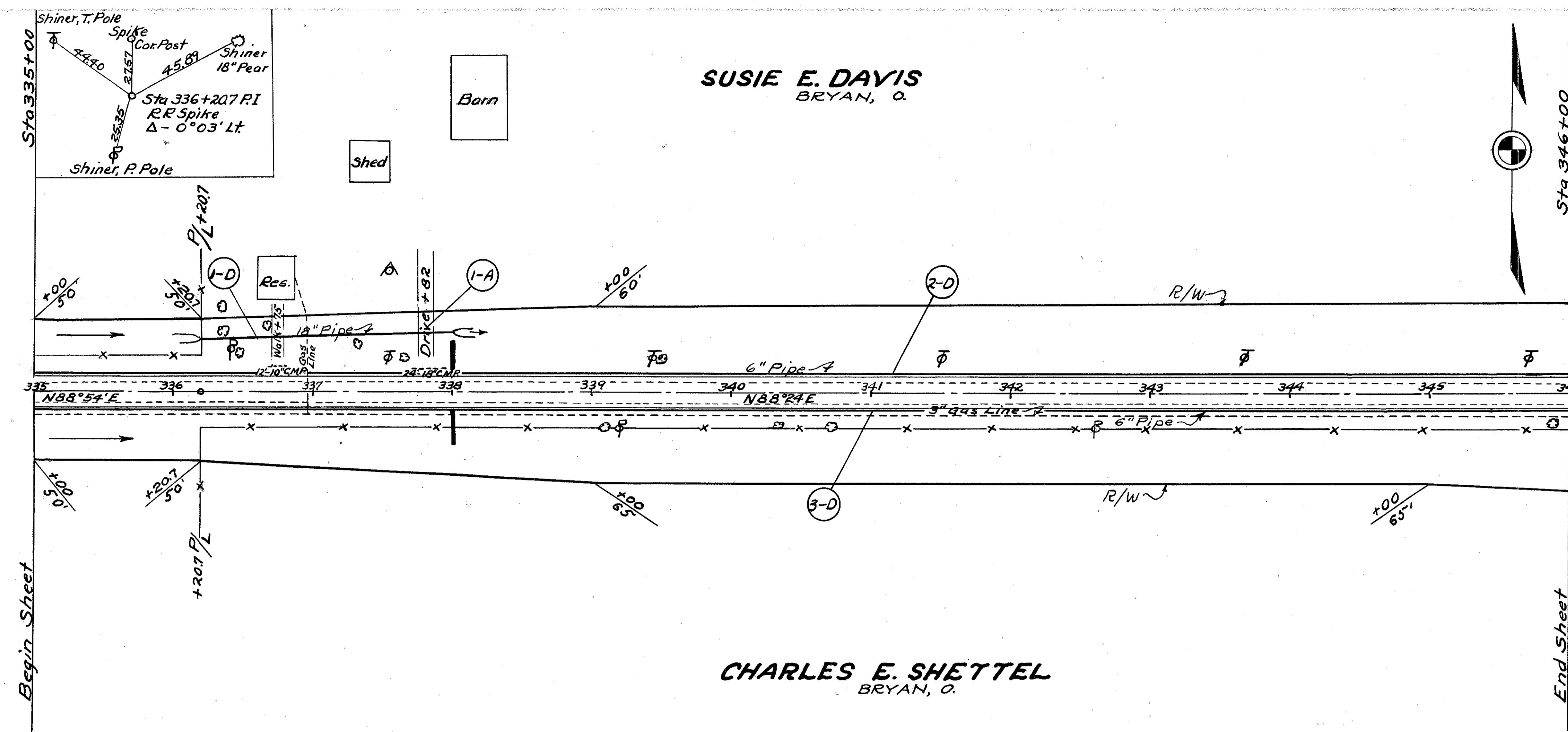
SUSIE E. DAVIS  
 BRYAN, O.

ROADWAY DRAINAGE "D"

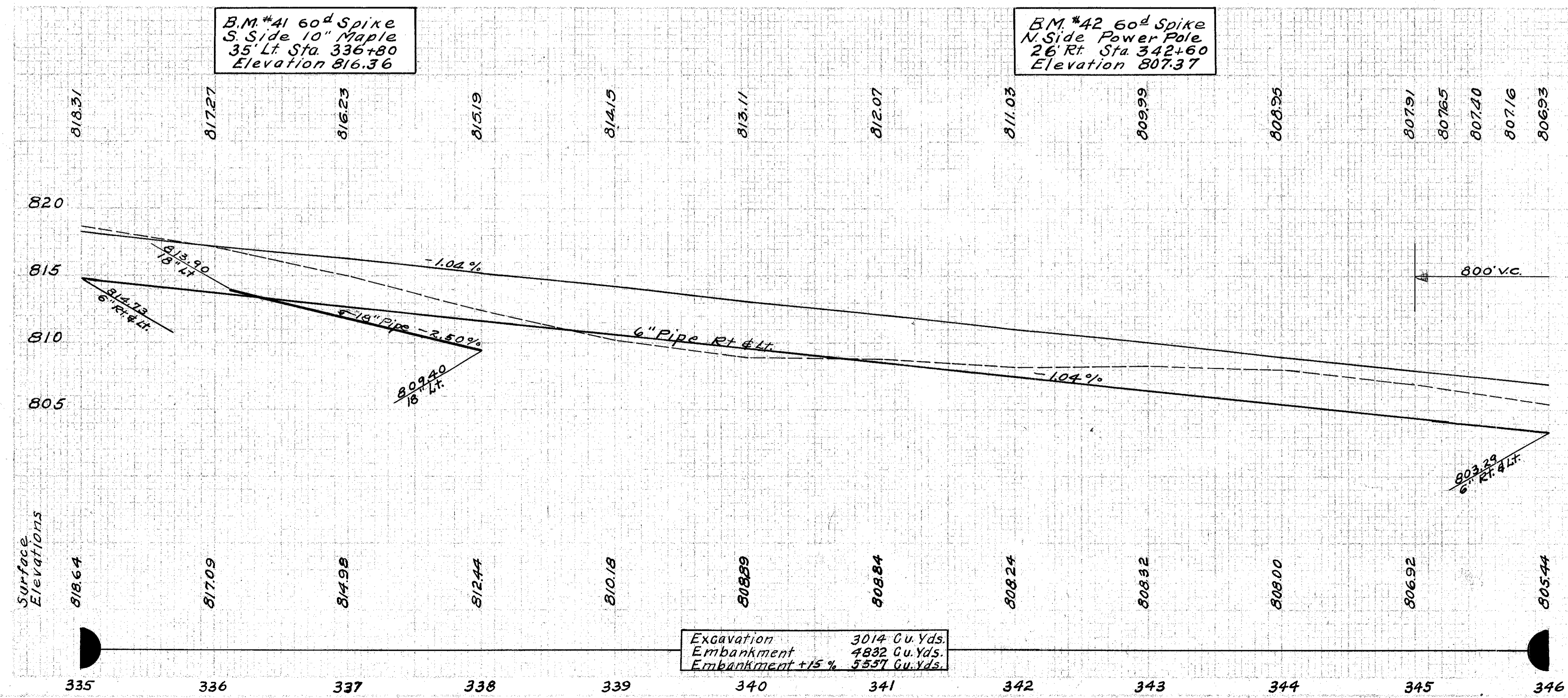
Ref. No.	Station		Side	I-4 Pipe Under Drains	I-5 Pipe Specials Each	I-4 Pipe Under Drains	I-3 Pipe Roadway Drainage	I-3 Pipe Roadway Drainage	E-12 Pipe Remove & Store
	From	To		Lin. Ft. 6"	6"x6" "T"	6"	18"	18"	10"
1-D	336+20	338+00	Lt.				156	24	12
2-D	335+00	346+00	Lt.	1099	1	24			
3-D	335+00	346+00	Rt.	1099	1	24			
Totals				2198	2	48	156	24	12

SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate	I-1 Drive Pipe	E-12 Pipe Remove & Store	Remarks
			Sq. Yds	Lin. Ft.	# Store Lin. Ft.	
1-A	337+82	Lt.	56.1		18" 24"	Drive
Totals			56.1		24	



CHARLES E. SHETTEL  
 BRYAN, O.



Excavation 3014 Cu. Yds.  
 Embankment 4832 Cu. Yds.  
 Embankment +15% 5537 Cu. Yds.

WILLIAMS COUNTY  
S.H. 717 SEC. A & B (Pt.)  
S.H. 309 SEC. C (Pt.)  
S.H. 304 SEC. A (Pt.)

Wi 384-51  
Data on Existing Structure.  
Type - Concrete Slab.  
Span - 7.7'.  
Rdwy. - 32.85'.  
Clear Ht. - 6.9'.  
Sta. 350+73.  
Condition - Fair  
Drainage Area - 170 A.

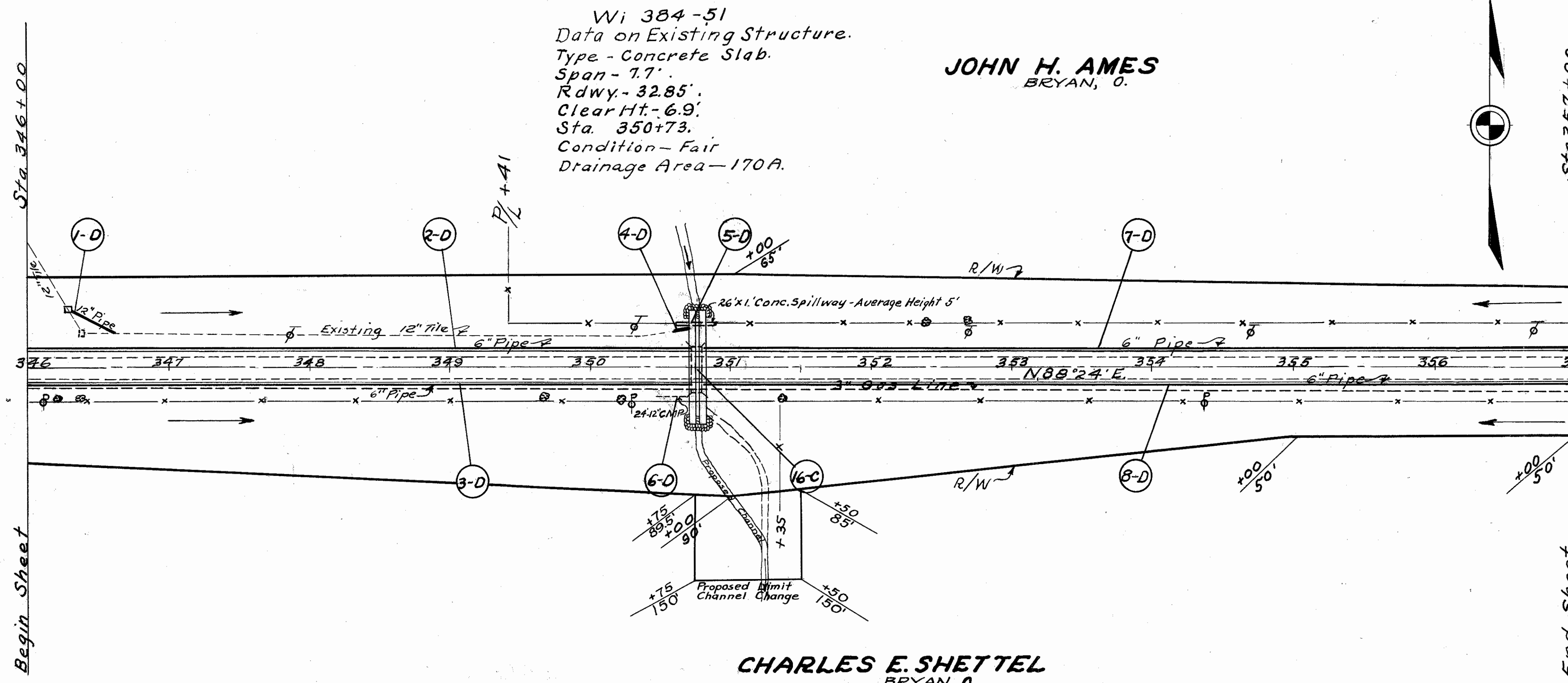
JOHN H. AMES  
BRYAN, O.

ROADWAY DRAINAGE "D"

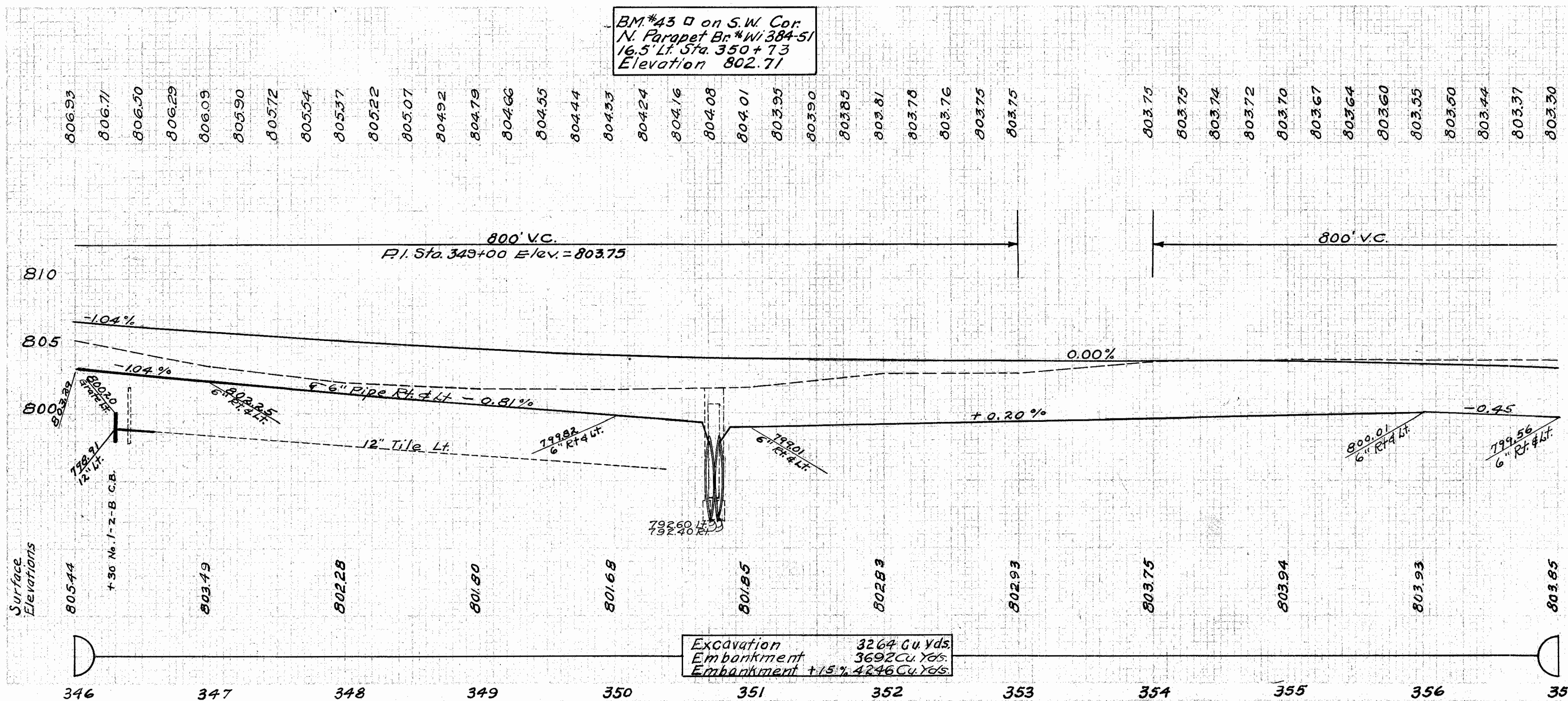
Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-4 Pipe Under Drains Outlets Lin. Ft.	I-3 Pipe Roadway Drainage Lin. Ft.	I-3 Pipe Roadway Drainage Outlets Lin. Ft.	E12 Pipe Remove & Store Lin. Ft.	S-22 Remove & Dispose Partitions Existing Structure Cu. Yd.	I-8 No. 1-28 Catch Basins Each	I-16 Abandon Existing Basins Each
	From	To									
1-D	346+30	346+60	Lt.			36		36		1	1
2-D	346+00	350+65	Lt.	465	10						
3-D	346+00	350+65	Rt.	465	10						
4-D	350+57	350+69	Lt.				12				
5-D	350+54	350+80	Lt.						4.9		
6-D	350+26	350+50	Rt.					24			
7-D	350+85	357+00	Lt.	615	10						
8-D	350+85	357+00	Rt.	615	10						
Totals				2160	40	36	12	60	4.9	1	1

STRUCTURES 20' SPAN AND UNDER "C"

Ref. No.	Station	Type	Size	Remarks
16-C	350+75	Pipe Culvert	2-80' x 66"	For details see sheet No. -80



CHARLES E. SHETTEL  
BRYAN, O.



JOHN H. AMES  
BRYAN, O.

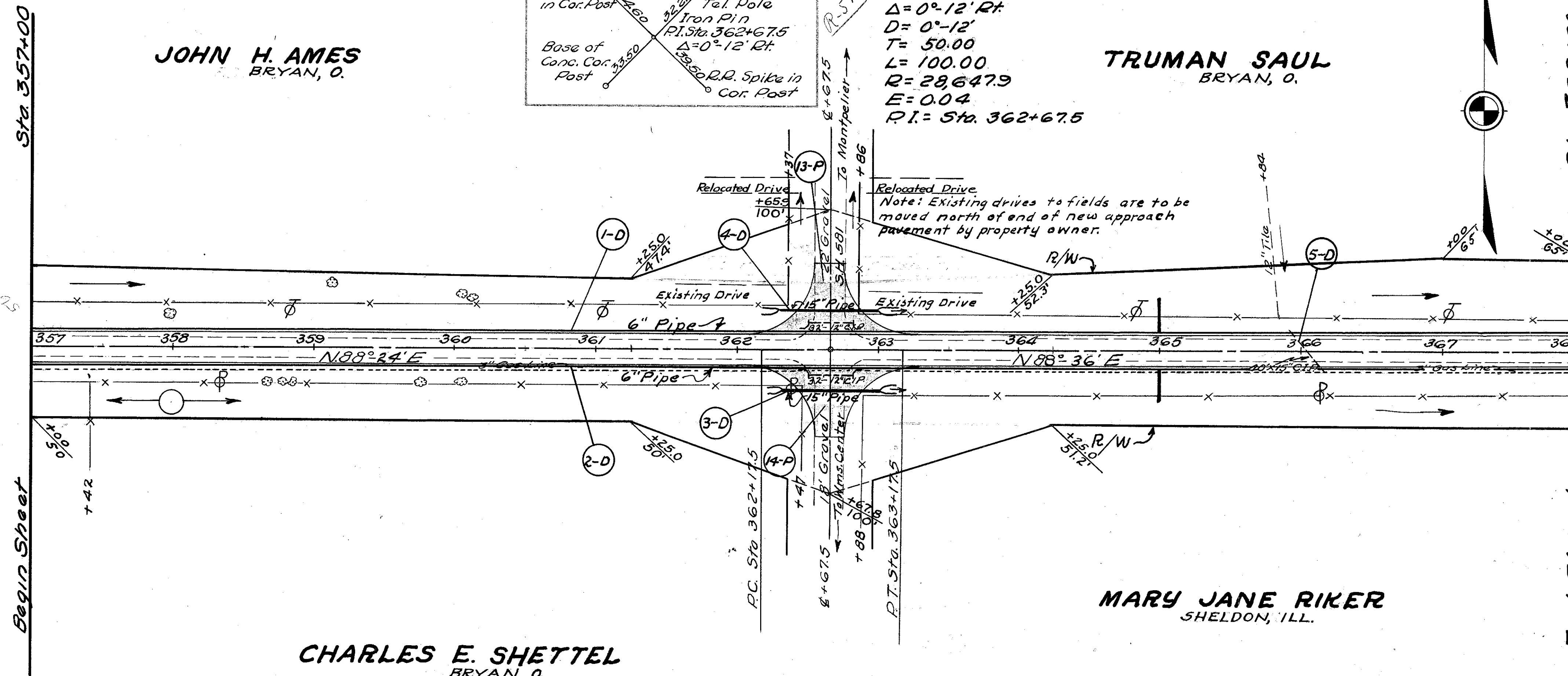
TRUMAN SAUL  
BRYAN, O.

WILLIAMS COUNTY  
S.H. 717 SEC. A & B (PA)  
S.H. 309 SEC. C (PA)  
S.H. 304 SEC. A (PA)

ROADWAY DRAINAGE "D"

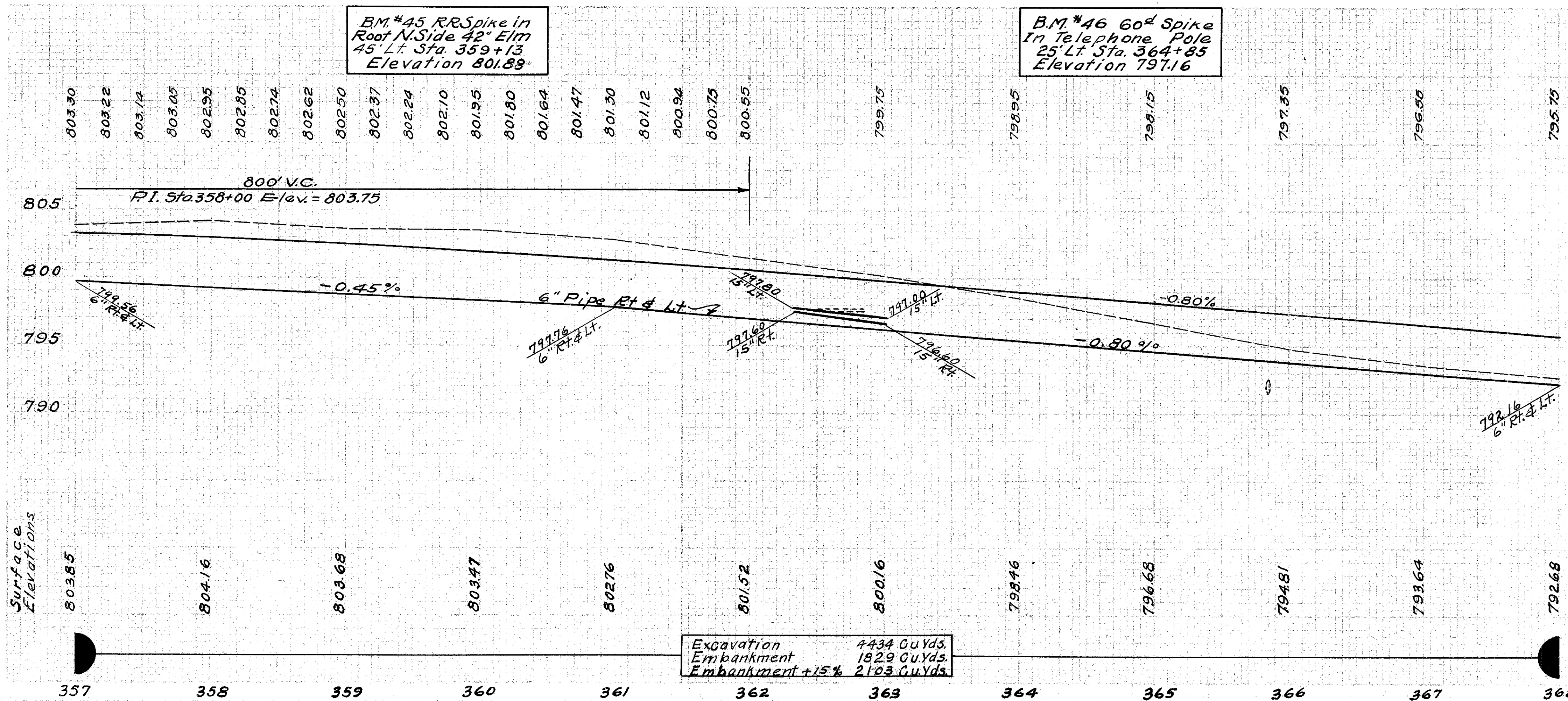
Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft.	I-4 Pipe Under Drains Quirks Lin. Ft.	I-5 Pipe Specials Each 6"x6" "T"	I-3 Pipe Roadway Drainage Under Pavt. Lin. Ft.	E-12 Pipe Remove & Store Lin. Ft.	S-22 Remove & Dispose Existing Structure Cu. Yds.
	From	To							
1-D	357+00	368+00	Lt.	1099	24	1			
2-D	357+00	368+00	Rt.	1099	22	1			
3-D	362+33	363+02	Rt.				69	32	1.1
4-D	362+33	363+02	Lt.				69	32	1.1
5-D	366+04		X-Over					40	
Totals				2198	46	2	138	64	2.2

Note: 13-P & 14-P For details of Extra Pavement see sheet No. 71



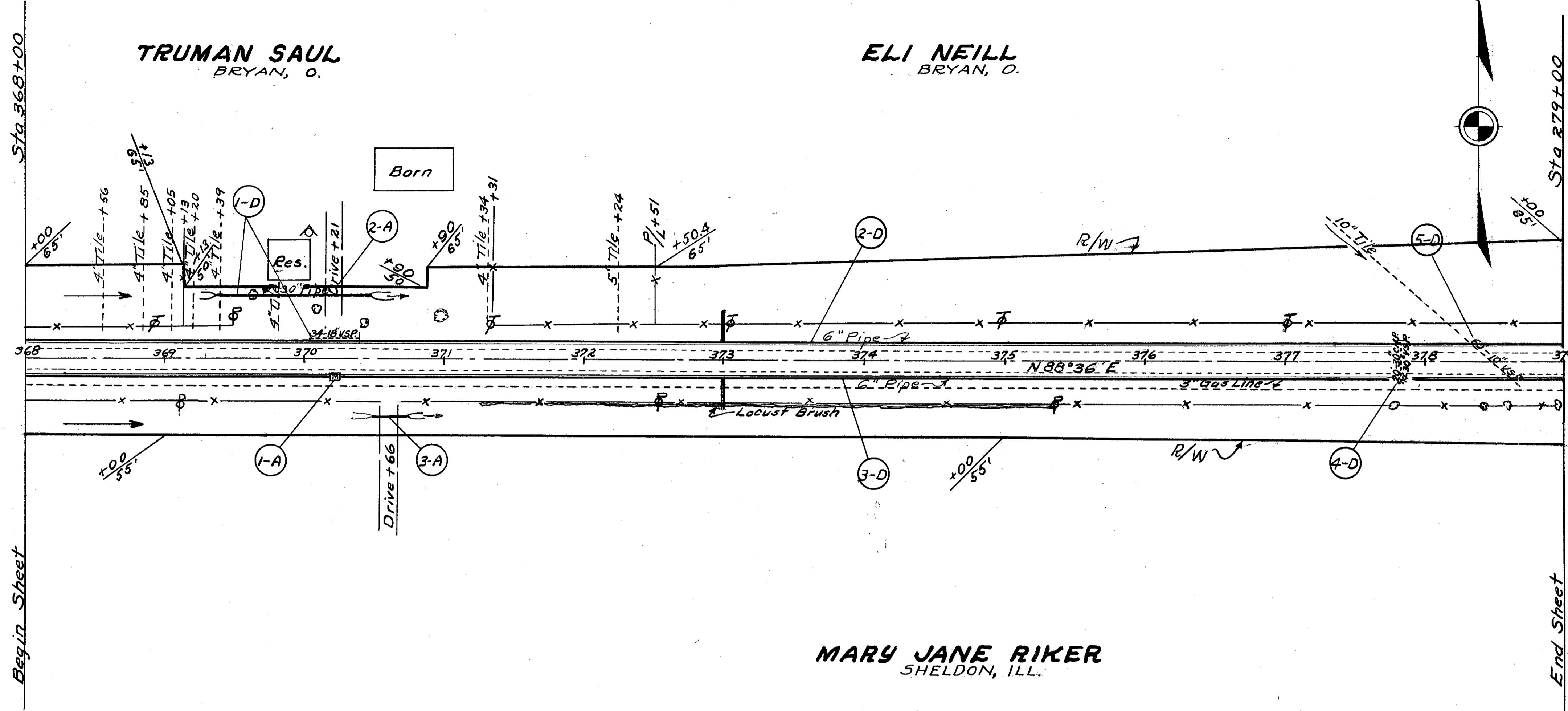
CHARLES E. SHETTEL  
BRYAN, O.

MARY JANE RIKER  
SHELDON, ILL.



Excavation 4434 Cu.Yds.  
Embankment 1829 Cu.Yds.  
Embankment +15% 2103 Cu.Yds.

WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (Pt.)  
 S.H. 309 SEC. C (Pt.)  
 S.H. 304 SEC. A (Pt.)

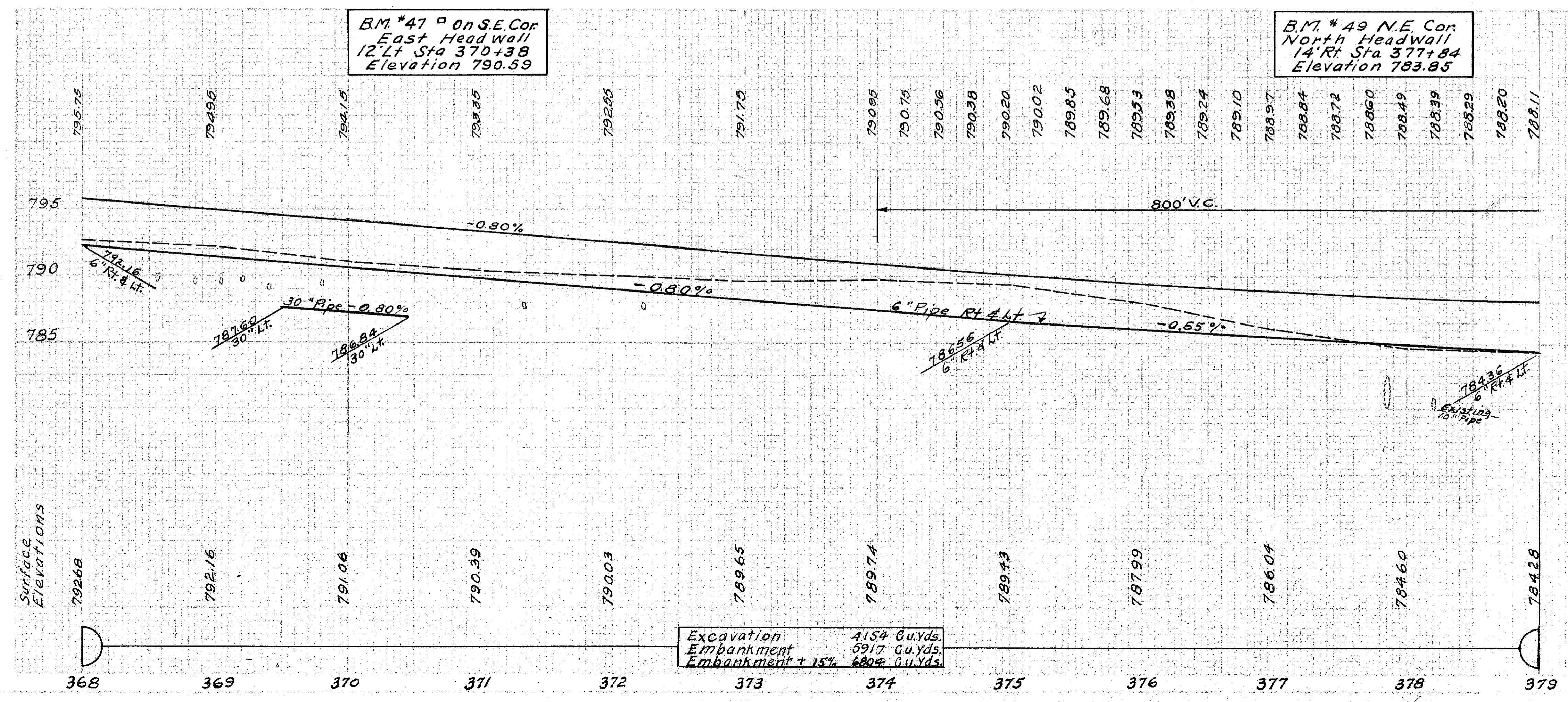


**ROADWAY DRAINAGE "D"**

Ref. No.	Station		Side	I-4 Pipe Under Drains Lin. Ft. 6"	I-4 Pipe Under Drains Outlets Lin. Ft. 6"	I-5 Pipe Specials Each 6" x 6" "T"	I-3 Pipe Roadway Drainage Lin. Ft. 30"	S-22 Remove & Dispose Existing Structure Cu. Yds.	E-12 Pipe Remove & Store Lin. Ft. 10' 18' 30'
	From	To							
1-D	369+37	370+49	Lt.				112	1.2	34
2-D	368+00	379+00	Lt.	1099	22	1			
3-D	368+00	379+00	Rt.	1099	22	1			
4-D	377+84		X-Over					2.8	30
5-D	378+27	378+71	X-Over						60
<b>Totals</b>				2198	44	2	112	4.0	60 34 30

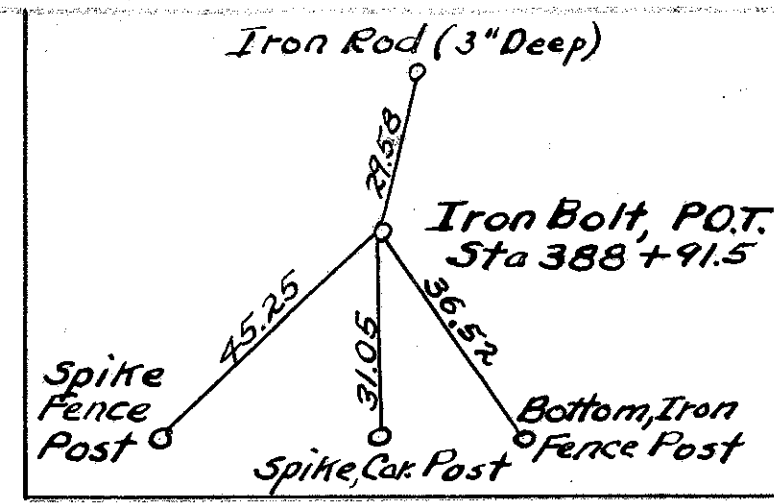
**SIDE APPROACHES "A"**

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	I-1 Drive Pipe Lin. Ft. 18"	Remarks
2-A	370+21	Lt.	61.0		Drive
3-A	370+66	Rt.		24	Drive
<b>Totals</b>			99.9	24	



**ELI NEILL**  
BRYAN, O.

Shed



DIV. NO. 2 OHIO  
FED. AID F-642(2) 1947 31 85  
**WILLIAMS COUNTY**  
S.H. 717 SEC. A & B (Pt.)  
S.H. 309 SEC. C (Pt.)  
S.H. 304 SEC. A (Pt.)

**ROADWAY DRAINAGE "D"**

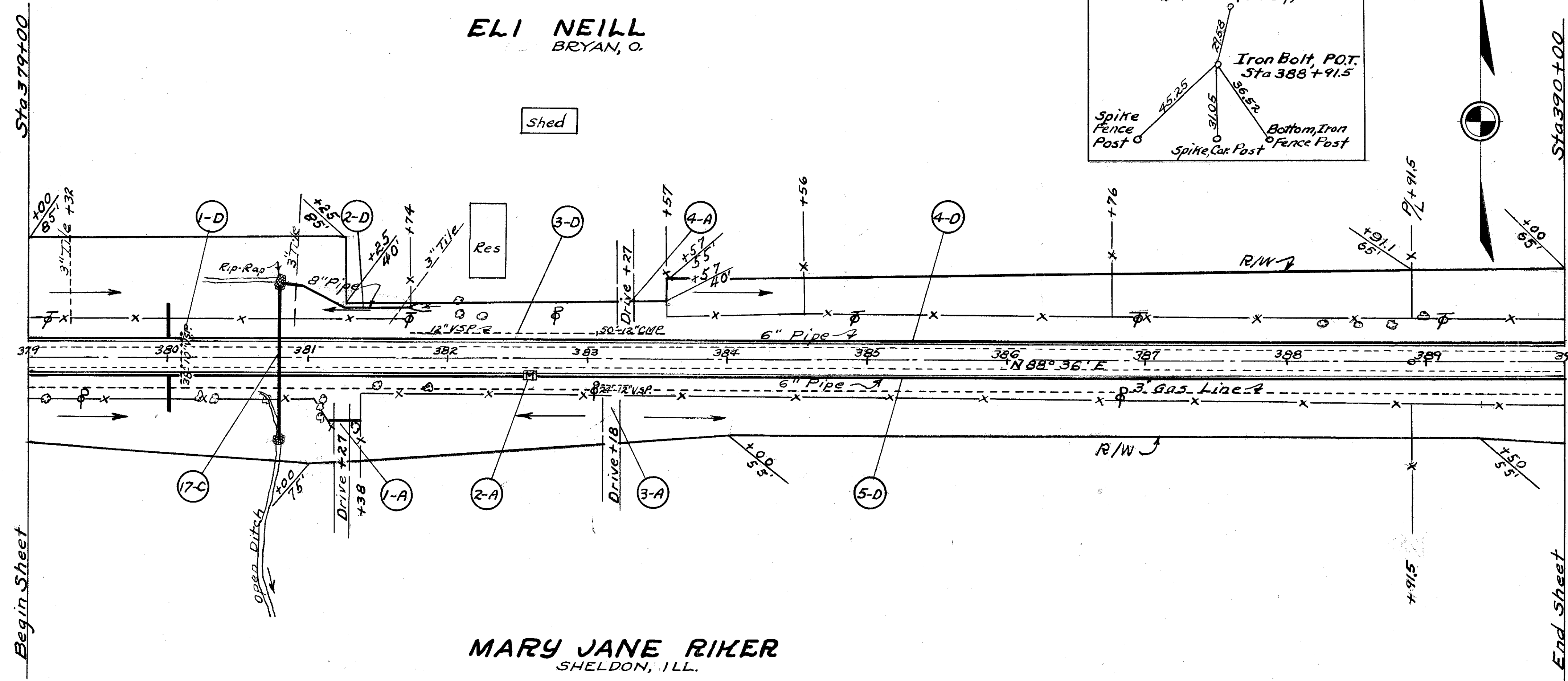
Ref No.	Station		Side	I-4 Pipe Under Drains	I-4 Pipe Under Drains	I-5 Pipe Specials	I-3 Pipe Roadway Drainage	E-12 Pipe Remove & Store	I-3 Pipe Roadway Drainage		
	From	To		Lin. Ft.	Lin. Ft.	Each 6"x6" 4x8 "T" "T"	Lin. Ft.	Lin. Ft.	Lin. Ft.		
1-D	380+10	381+78	X-Over	6"	6"			38			
2-D	380+83	381+78	Lt			2	85		10		
3-D	381+73	383+57	Lt					184			
4-D	379+00	390+00	Lt	1099	24	1					
5-D	379+00	370+00	Rt	1099	24	1					
<b>Totals</b>				2198	48	2	2	85	38	184	10

**STRUCTURES 20' SPAN AND UNDER "C"**

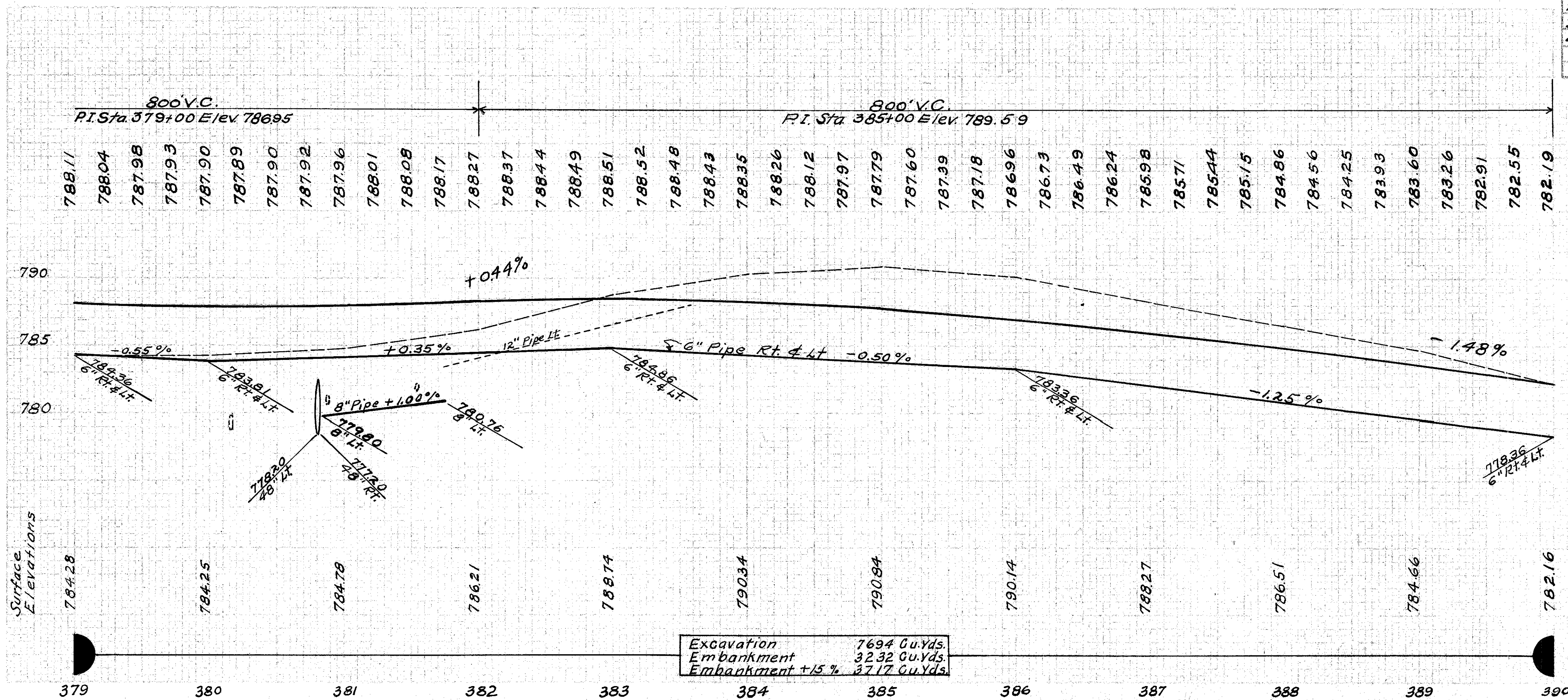
Ref No.	Station	Type	Size	Remarks
17-C	380+80	Pipe Culvert	92'-48"	For details see sheet No. 76

**SIDE APPROACHES "A"**

Ref No.	Station	Side	I-17 Aggregate	I-1 Drive Pipe	Remarks
			Sq.Yds	Lin. Ft.	
1-A	381+27	Rt		24	Drive
2-A	382+59	Rt	38.9		Mail Box
3-A	383+18	Rt			Drive
4-A	383+27	Lt	39.9		Drive
<b>Totals</b>			78.8	24	



**MARY JANE RIKER**  
SHELDON, ILL.



Excavation 7694 Cu.Yds.  
Embankment 32.32 Cu.Yds.  
Embankment +15% 37.17 Cu.Yds.

**CLARA SHARP**  
BRYAN, O.

**MARY JANE RIKER**  
SHELDON, ILL.

**FLORA D. HORTON**  
BRYAN, O.

DIV. NO. 2 OHIO  
FED. AID 32  
F-6422 1947 85

WILLIAMS COUNTY  
S.H. 717 SEC. A & B (PA)  
S.H. 309 SEC. C (PA)  
S.H. 304 SEC. A (PA)

**ROADWAY DRAINAGE "D"**

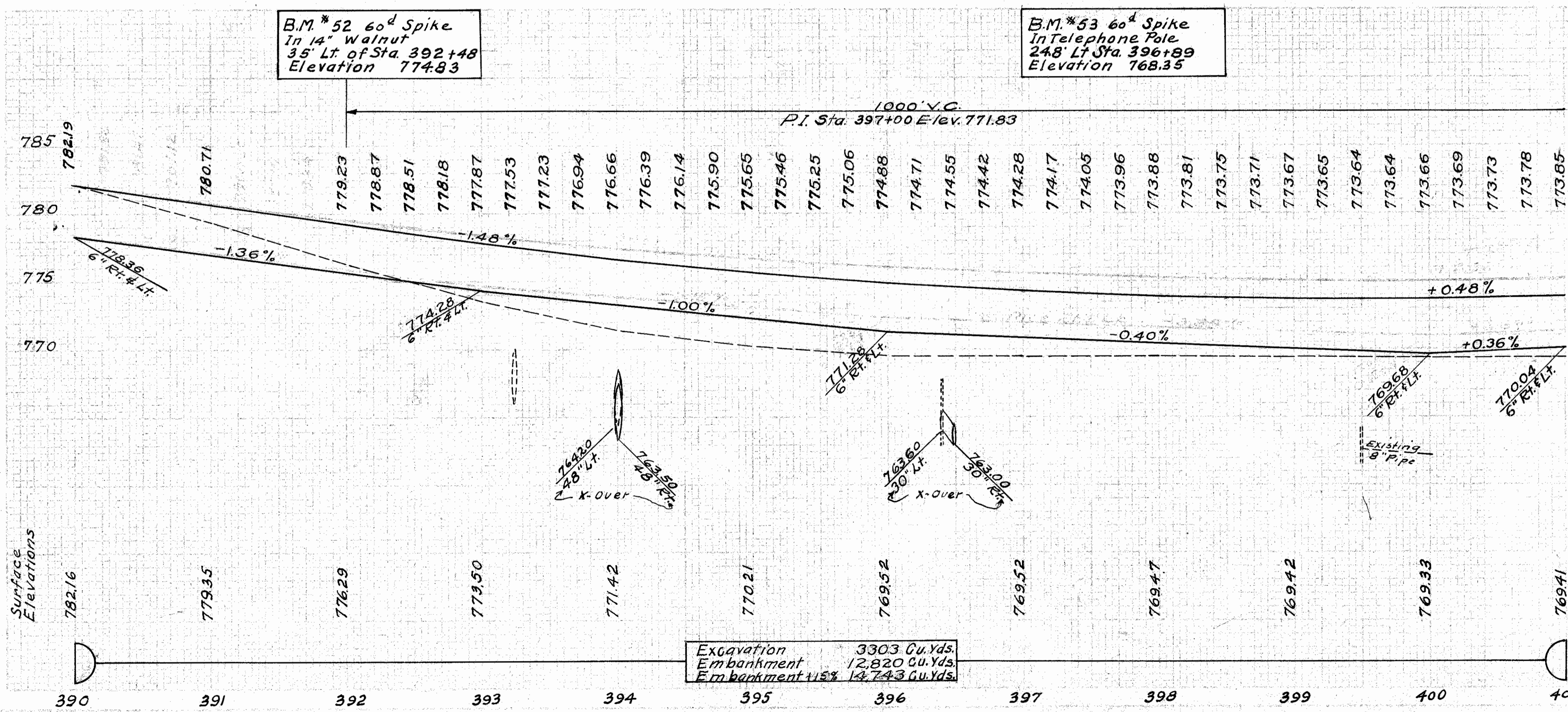
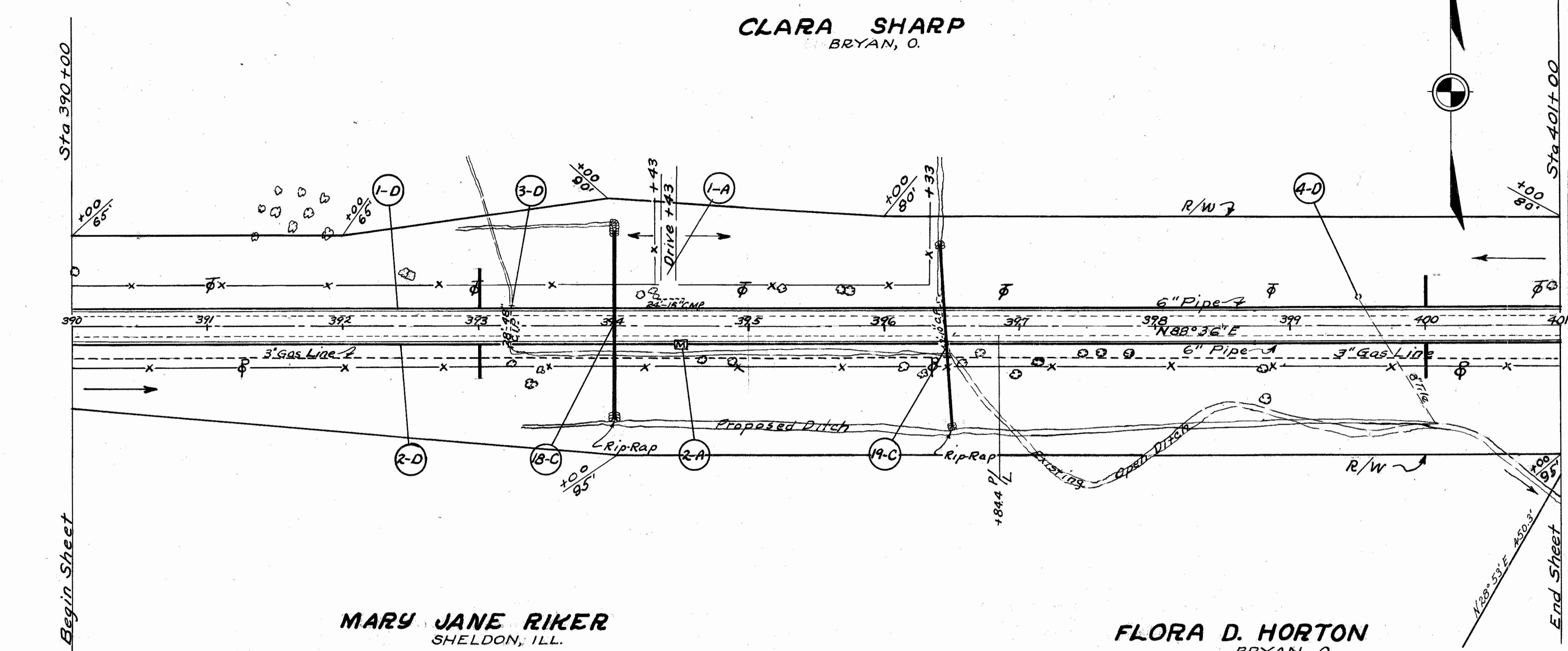
Ref. No.	Station	Side	I-4 Pipe Under Drains Lin. Ft.	I-4 Pipe Under Drains Outlets Lin. Ft.	I-5 Pipe Specials Each	E-12 Pipe Remove & Store Lin. Ft.	S-22 Remove & Dispose Portions Existing Structure Cu. Yds.	I-16 Abandon Existing Catch Basins Each
1-D	390+00	Lt	6"	1098	46	2		
2-D	390+00	Rt	1098	46	2			
3-D	393+24	X-over				28	54	
4-D	399+50	Lt						1
Totals			2196	92	4	28	54	1

**STRUCTURES 20' SPAN AND UNDER "C"**

Ref. No.	Station	Type	Size	Remarks
18-C	394+00	Pipe Culvert	116-48"	For details see sheet No. 77
19-C	396+44	Pipe Culvert	120-30"	For details see sheet No. 77

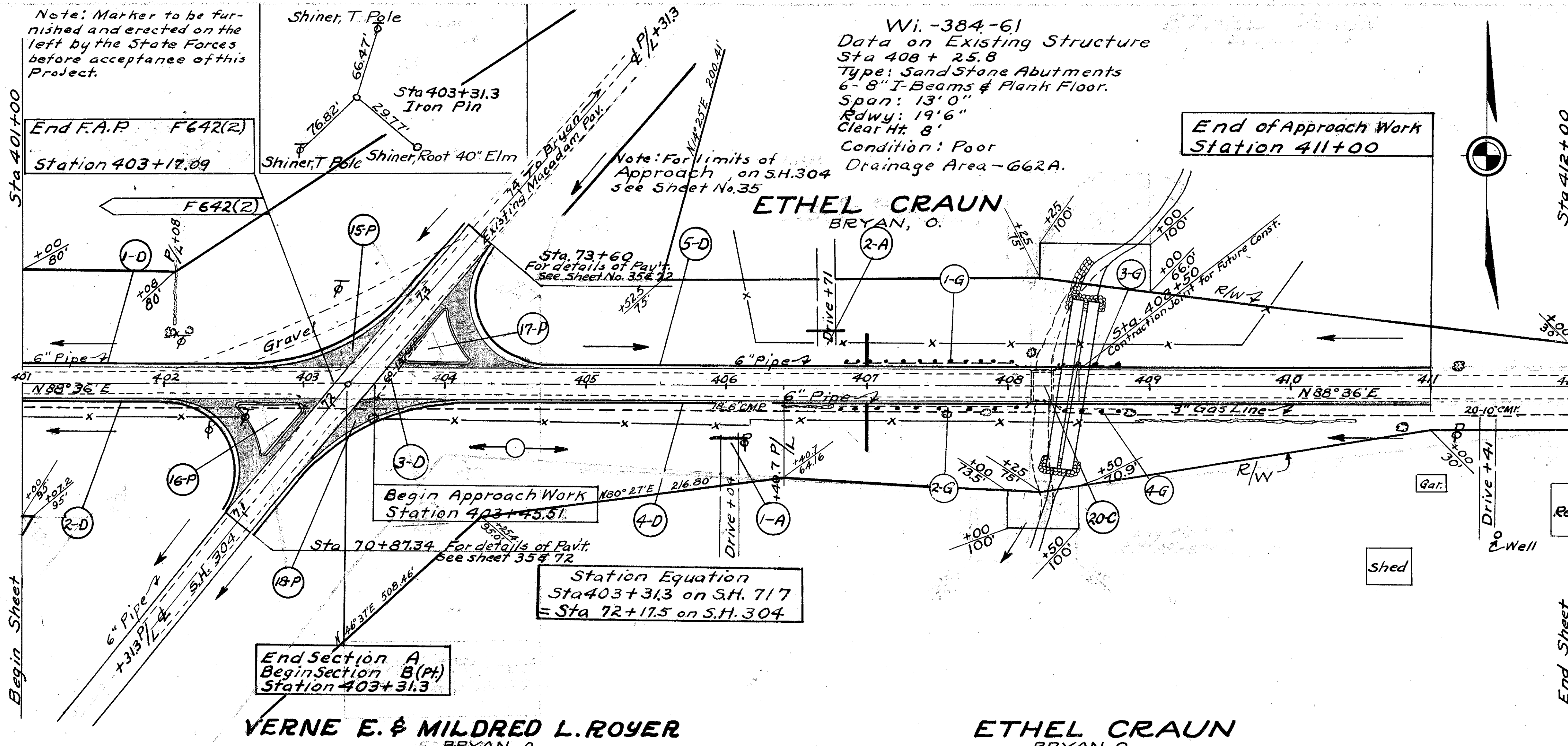
**SIDE APPROACHES "A"**

Ref. No.	Station	Side	I-17 Aggregate Sq. Yds.	E-12 Pipe Remove & Store Lin. Ft.	Remarks
1-A	394+43	Lt	99.1	15"	Drive
2-A	394+50	Rt	38.9	24	Mail Box
Totals			138.0	24	



Excavation 3303 Cu. Yds.  
Embankment 12,820 Cu. Yds.  
Embankment 115% 14,743 Cu. Yds.

DIV. NO. **2 OHIO** FED. AID **33**  
**F642(2)** 1947 **85**  
**WILLIAMS COUNTY**  
**S.H. 717 SEC. A & B (Pt.)**  
**S.H. 309 SEC. C (Pt.)**  
**S.H. 304 SEC. A (Pt.)**



### ROADWAY DRAINAGE "D"

Ref. No.	Station	Side	I-4 Pipe Under Drains Lin. Ft.	I-4 Pipe Under Drains Outlets Lin. Ft.	I-5 Pipe Specials Each 6" x 6" Lin. Ft.	E-12 Pipe Remove 4 Store Lin. Ft.	S-22 Remove & Dispose Portions Existing Structure Cuyd.
1-D	401+00 to 404+14	Lt.	353				
2-D	401+00 to 402+43	Rt.	205				
F642(2) Totals			558				
3-D	403+49 to 403+80	X-Over				60	1.2
4-D	402+64 to 411+00	Rt.	888	28	1		
5-D	404+34 to 411+00	Lt.	750	28	1		
Approach Totals			1638	56	2	60	1.2

### STRUCTURES 20' SPAN AND UNDER "C"

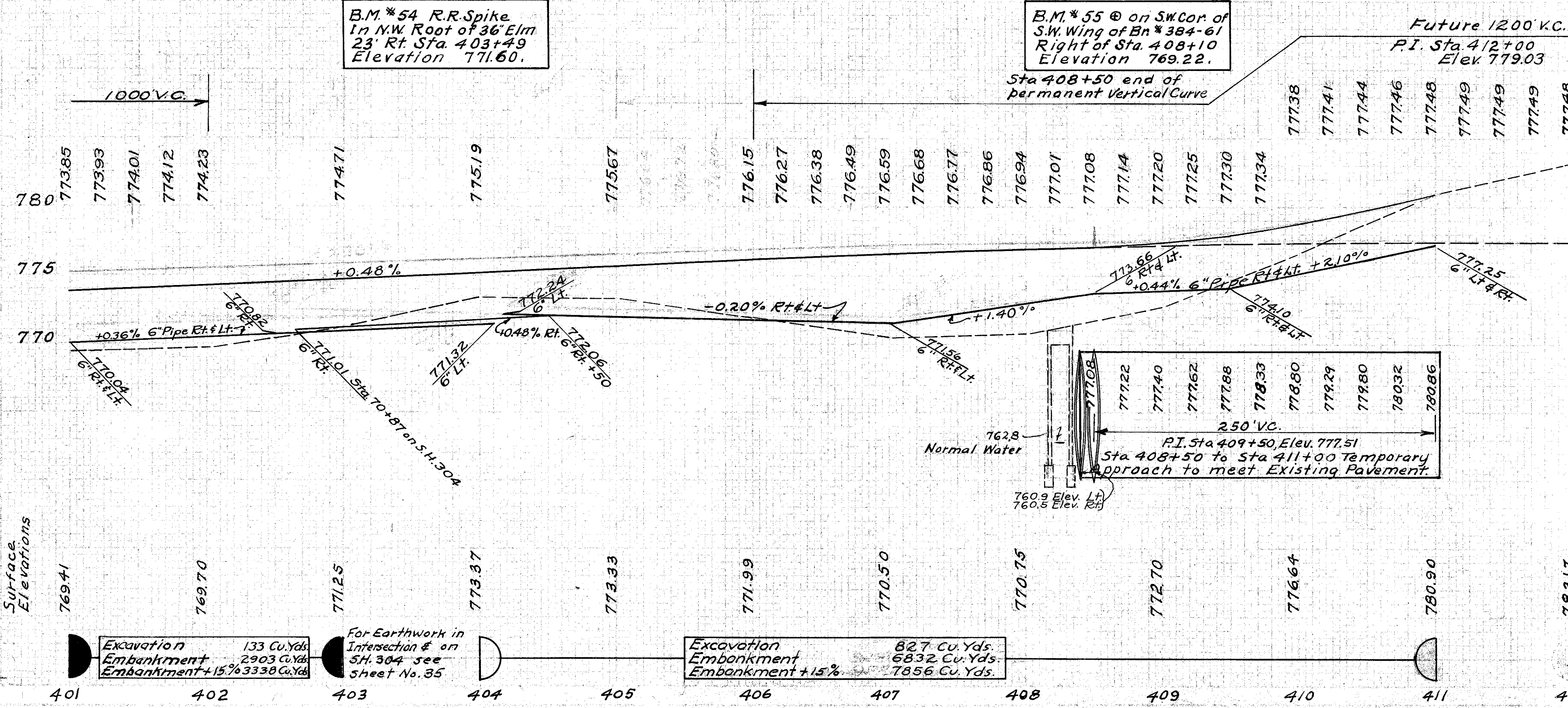
Ref. No.	Station	Type	Size	Remarks
20-C	408+45	Pipe Culvert	2-120' x 96"	For details see sheet No. 80

### SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate Sq.Yds.	I-1 Drive Pipe Lin. Ft.	E-12 Pipe Remove & Store 8" Lin. Ft.	Remarks
1-A	406+04	Rt.		24	18	Drive to be moved west approximately 36' at the direction of the Engineer's charge.
2-A	406+71	Lt.		30		
Approach Totals				54	18	

### GUARD RAIL "G"

Ref. No.	Station	Side	I-15 Guard Rail Remove & Store Lin. Ft.	Remarks
1-G	406+84 to 408+18	Lt.	134	Wood
2-G	406+84 to 408+18	Rt.	134	Wood
3-G	408+32 to 408+80	Lt.	48	Wood
4-G	408+32 to 408+80	Rt.	48	Wood
Approach Total			364	



Note: 15-P, 16-P, 17-P, 18-P For details of Extra Pavement see sheet No. 72

Excavation 133 Cu. Yds.  
 Embankment 2903 Cu. Yds.  
 Embankment +15% 3338 Cu. Yds.

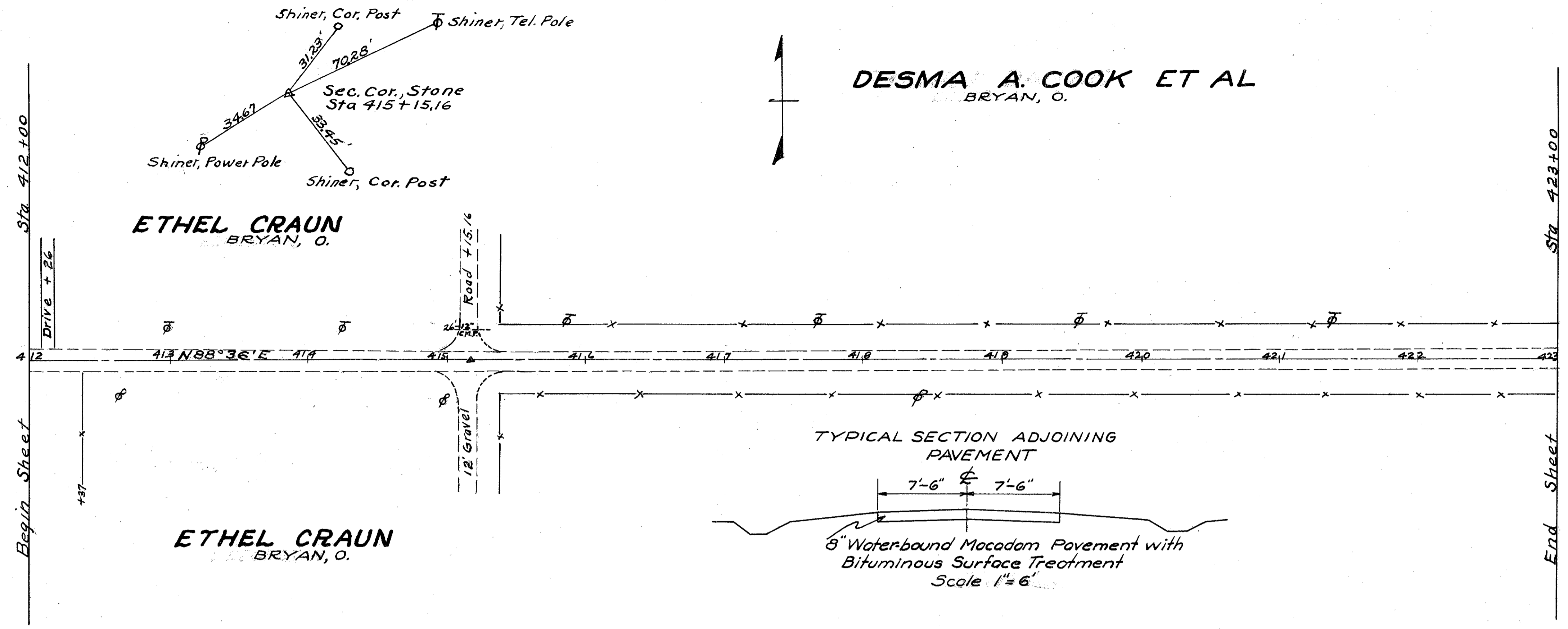
For Earthwork in Intersection & on S.H. 304 see Sheet No. 35

Excavation 827 Cu. Yds.  
 Embankment 6832 Cu. Yds.  
 Embankment +15% 7856 Cu. Yds.

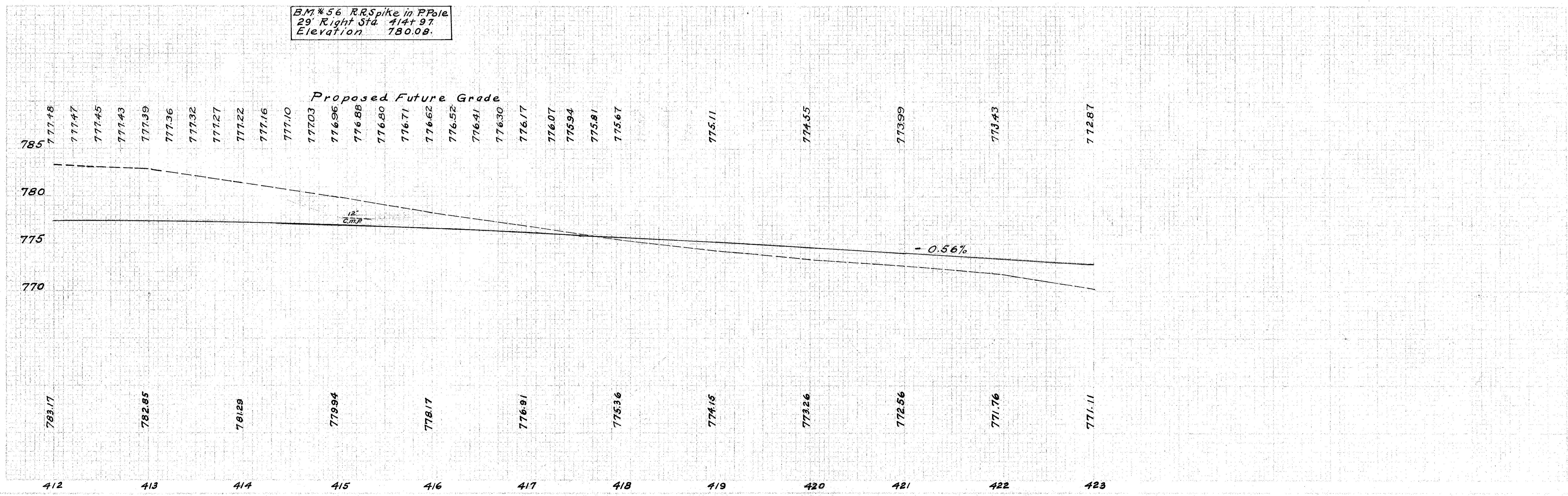
DIV. NO.	FED. AID	34
2 OHIO	F-6421	1947 85

WILLIAMS COUNTY  
 S.H. 717 SEC. A & B (Pt.)  
 S.H. 309 SEC. C (Pt.)  
 S.H. 304 SEC. A (Pt.)

**DESMA A. COOK ET AL**  
 BRYAN, O.



BM # 56 R.R. Spike in P.Pole  
 29' Right Sta. 414+97.  
 Elevation 780.08.





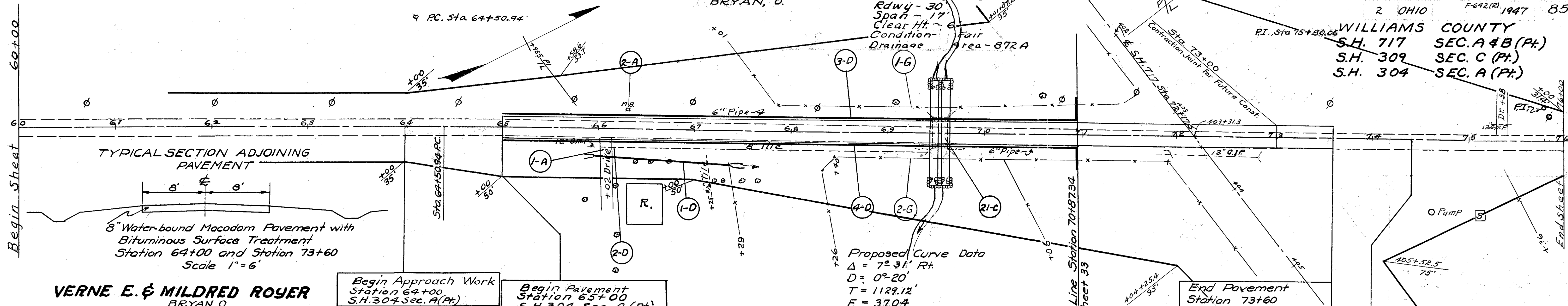
MARY JANE RIKER  
SHELDON, ILL.

FLORA D. HORTON  
BRYAN, O.

Data on Existing Structure  
Sta 69+54 W-12-12  
Concrete Slab Bridge  
Rdwy - 30'  
Span - 17'  
Clear Ht. - 6'  
Condition - Fair  
Drainage Area - 872 A

FED AID  
2 OHIO F-642(2) 1947 35  
85

WILLIAMS COUNTY  
S.H. 717 SEC. A & B (Pt.)  
S.H. 309 SEC. C (Pt.)  
S.H. 304 SEC. A (Pt.)



VERNE E. & MILDRED ROYER  
BRYAN, O.

Begin Approach Work  
Station 64+00  
S.H. 304 Sec. A (Pt.)

Begin Pavement  
Station 65+00  
S.H. 304 Sec. A (Pt.)

End Approach Work  
Station 74+40  
S.H. 304 Sec. A (Pt.)

ETHEL CRAUN  
BRYAN, O.

ROADWAY DRAINAGE "D"

Ref No.	Station	Side	I-4 Pipe Under Drains		I-5 Pipe Specials	I-3 Pipe Roadway Drainage		
			Lin. Ft.	Lin. Ft.	Each	Lin. Ft.	Lin. Ft.	
1-D	65+85	67+29	Rt.	6"	6"	T	120	24
2-D	66+05		Rt.					
3-D	65+00	70+87	Lt.	586	24	1		
4-D	65+00	70+87	Rt.	586	22	1		
Totals				1172	46	2	120	24

GUARD RAIL "G"

Ref. No.	Station From	Station To	Side	I-15 Guard Rail Remove 4 Store Lin. Ft.
1-G	69+29	69+80	Lt.	36
2-G	69+29	69+80	Rt.	36
Total				72

STRUCTURES 20' SPAN AND UNDER "C"

Ref. No.	Station	Type	Size	Remarks
21-C	69+54	Pipe Culvert	2-108" x 108"	For details see sheet # 81

SIDE APPROACHES "A"

Ref. No.	Station	Side	I-17 Aggregate	E-12 Pipe Remove 4 Store	Remarks
			Sq. Yds.	Lin. Ft.	
1-A	66+02	Rt.	43.2	12"	Drive
2-A	66+21	Lt.	38.9	16"	Mail Box
Totals			82.1	16	

