

#1022

FED. RD. DIST. NO.	STATE	PROJECT	FISCAL YEAR
10	OHIO		1944

WILLIAMS COUNTY  
S.H. 21, SEC. D-2(Pt.) & 0(Pt.)

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS

# TOLEDO~ANGOLA ROAD

## S.H. 21 SEC. D-2(Pt.) & 0(Pt.)

## WILLIAMS COUNTY

## MADISON TOWNSHIP

NET LENGTH OF PROJECT = 11382.4 LIN. FT. or 2.155 MILES

**CONVENTIONAL SIGNS**

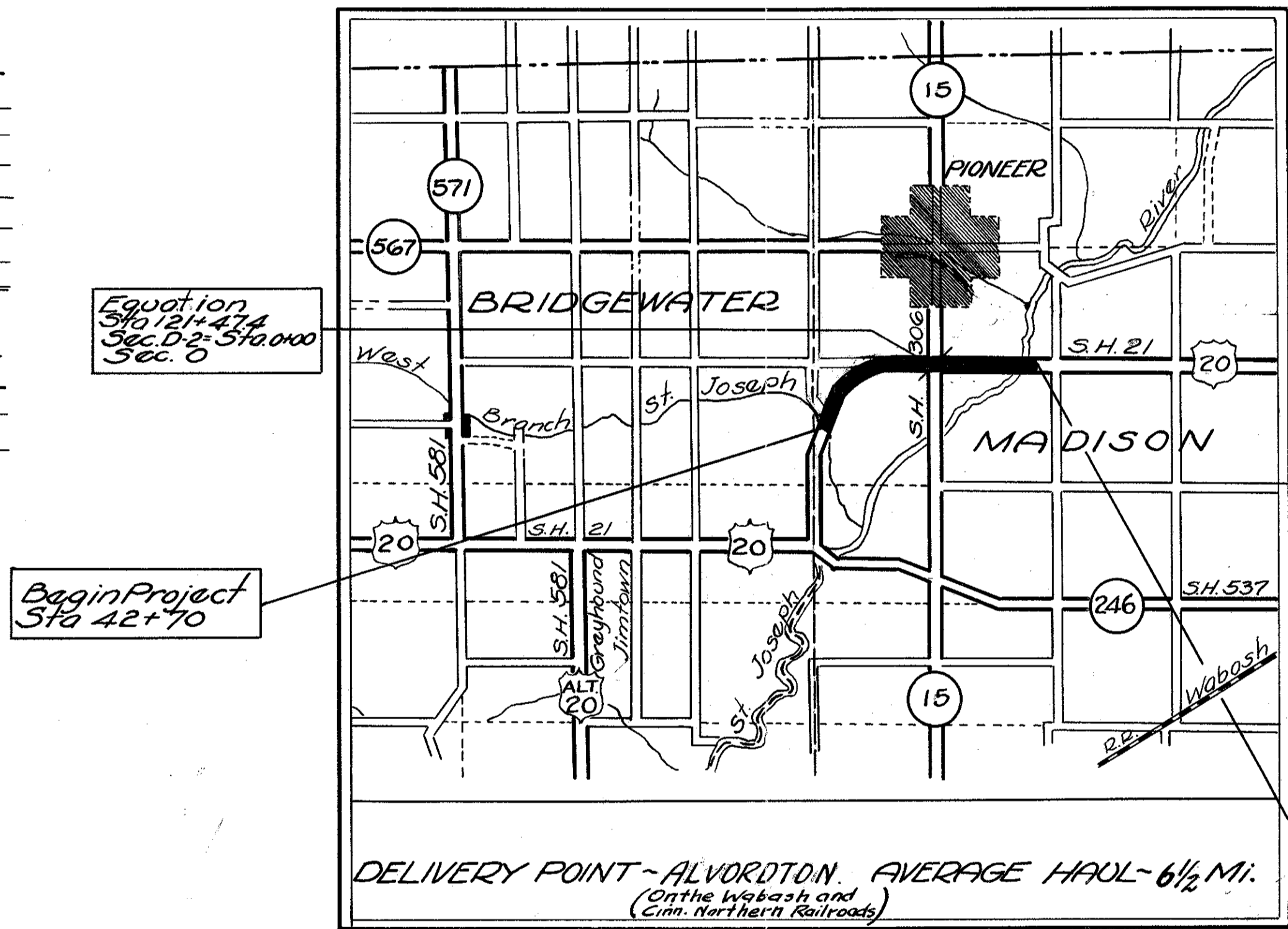
COUNTY LINE	-----
TOWNSHIP LINE	-----
SECTION LINE	-----
CORPORATION LINE	-----
PROPERTY LINE	-----
FENCE LINE	-x-x-x-x-
CENTER LINE	-----
STEAM RAILROAD POLE LINE	-----
HEDGE	-----
DRAIN PIPE (NEW)	~~~~~
DRAIN PIPE (OLD)	~~~~~
GUARD RAIL	-----

**INDEX OF SHEETS**

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GENERAL NOTES	3
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**LINE DATA**

BEGIN PROJECT Sec. D-2(Pt.) Sta. 42+70  
 END Sec. D-2 Sta. 121+47.4  
 NET LENGTH of Sec. D-2(Pt.) = 7877.4 Lin. Ft.  
 Equation ~ Sta. 121+47.4, Sec. D-2 = Sta. 0+00, Sec. 0  
 BEGIN Sec. 0(Pt.) Sta. 0+00  
 END PROJECT, Sec. 0(Pt.) = 35+05  
 NET LENGTH of Sec. 0(Pt.) = 3505  
 NET LENGTH of Project = 7877.4 + 3505 = 11382.4  
 LIN. FT. or 2.155 Miles.



**LOCATION PLAN**

Scale 1 inch = 1 Mile  
 PORTION TO BE IMPROVED   
 STATE HIGHWAYS   
 OTHER ROADS

**SCALES**

PLAN 1" = 100'  
 PROFILE, HORIZONTAL 1" = 100'  
 PROFILE, VERTICAL 1" = 10'

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 not require the closing to traffic of the highway and that provisions for the maintenance and safety of traffic will be as set forth on the plans and estimates.

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

Approved:   
 Date: 8-21-44 Resident Division Deputy Director

Approved: \_\_\_\_\_  
 Date: \_\_\_\_\_ Chief Engineer Bureau of Maintenance.

Approved: \_\_\_\_\_  
 Date: \_\_\_\_\_ Chief Engineer Bureau of Bridges & RR. Crossings.

Approved:   
 Date: 8-21-44 Chief Engineer Bureau of Location & Right of Way

Approved:   
 Date: 8-21-44 First Asst. Director & Chief Engineer.

Approved:   
 Date: 8-15-44 Director of Highways.

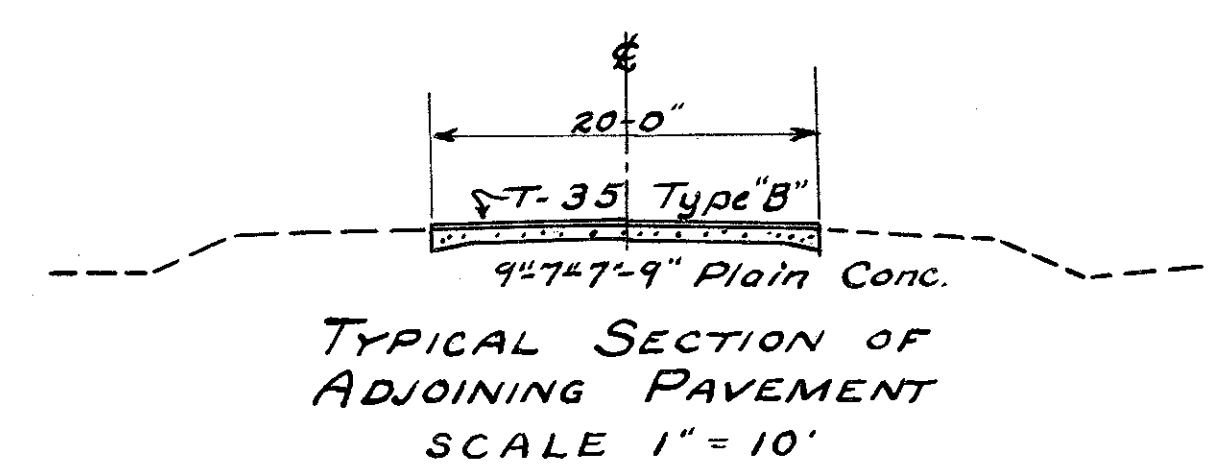


STANDARD DRAWINGS	
G-7.07	G-1-42

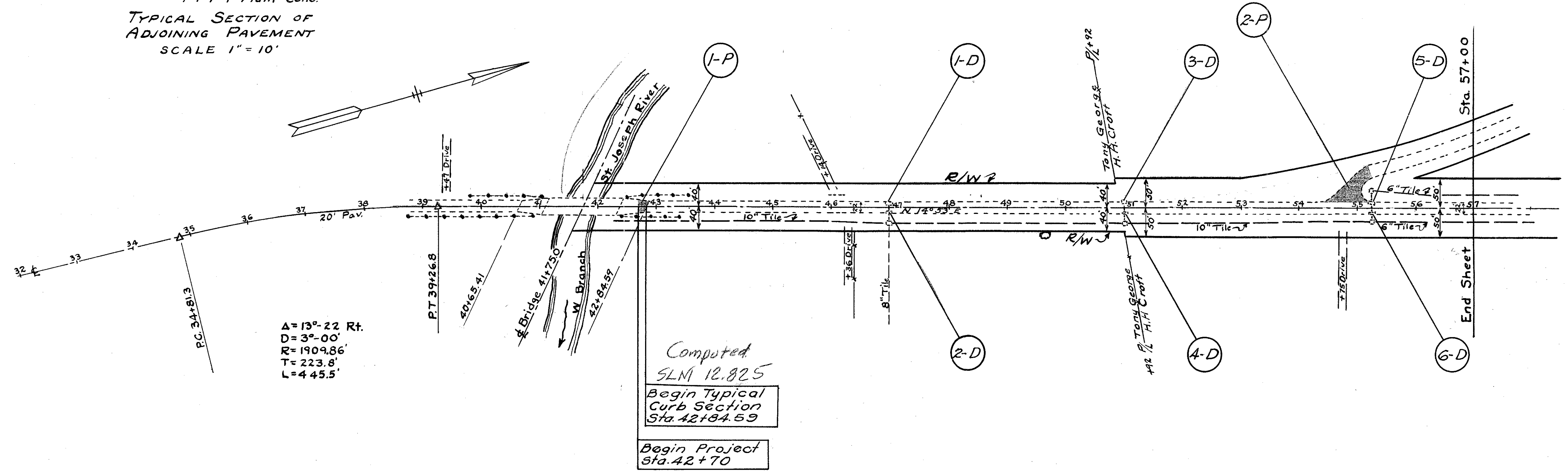
SUPPLEMENTAL SPECIFICATIONS	
I-117	Jan. 15, 1944
T-170.15	8-2-43
M-102.12	8-2-43

FILE NO.	WILLIAMS COUNTY
	S.H. 21, SEC. D-2(Pt.) & 0(Pt.)
	DATE OF LETTING
	CONTRACT NO.

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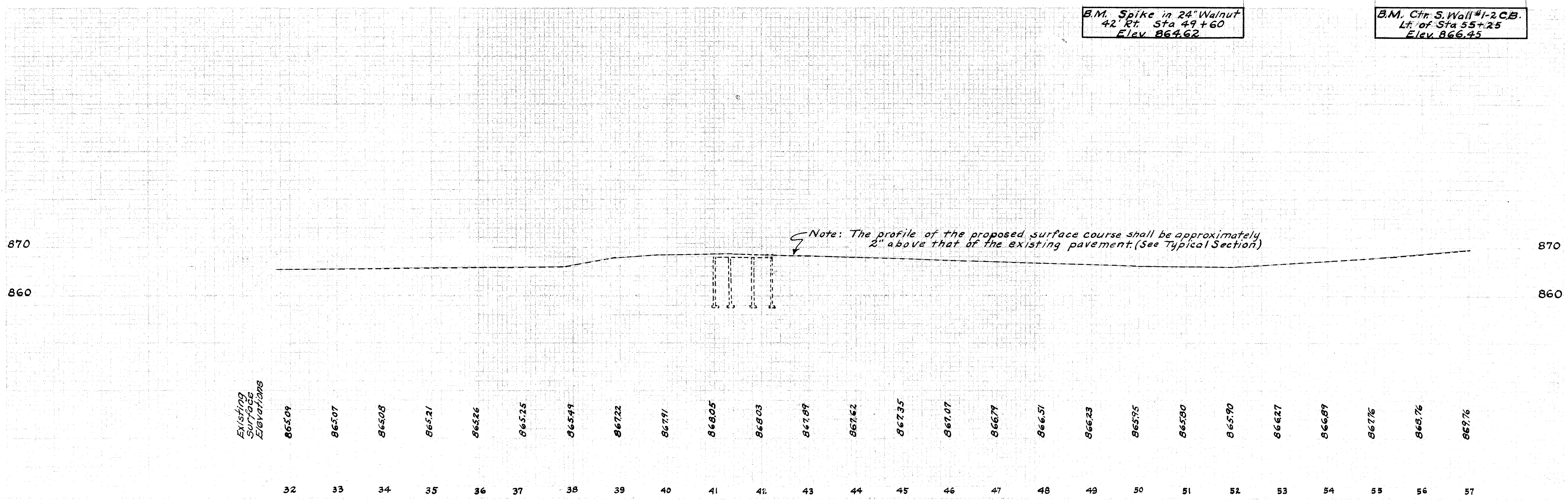


Data on Existing Structure  
 Type: Concrete Beam  
 Span: 3 @ 40'-0"  
 Roadway: 29'-0"

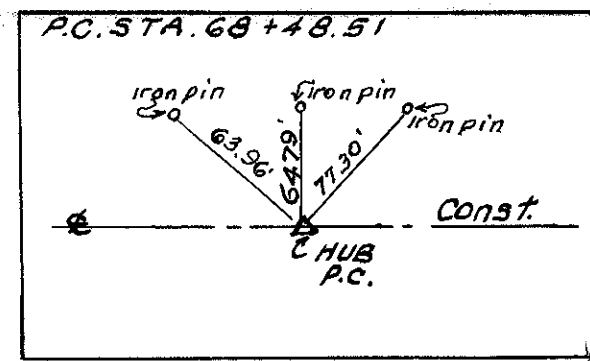
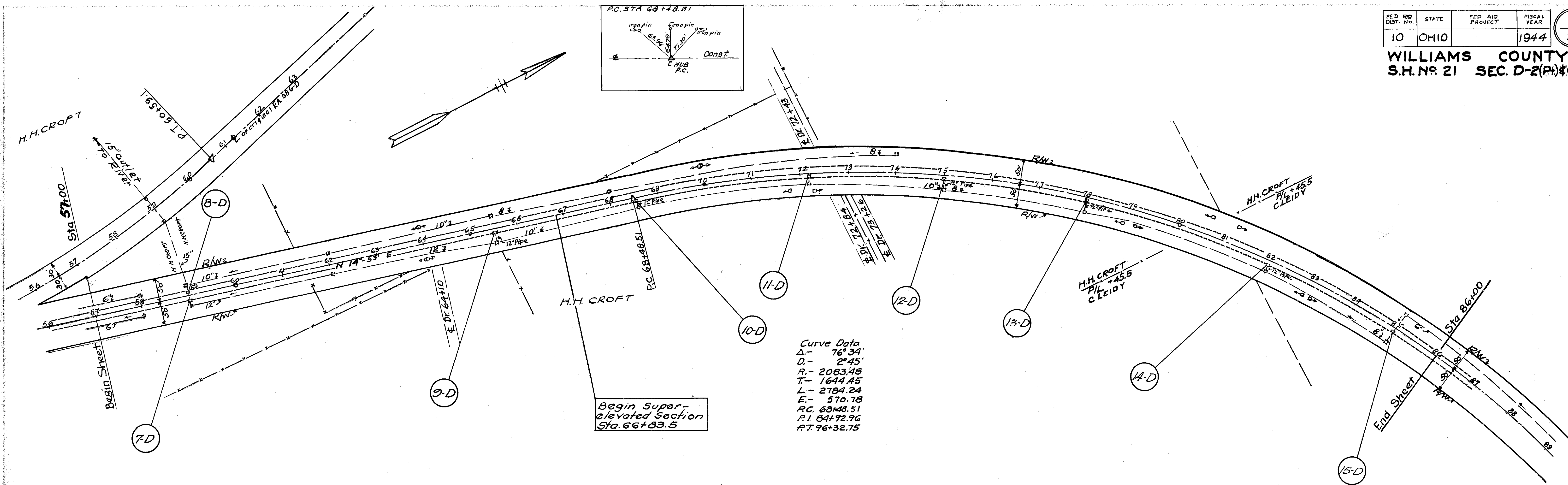


B.M. Spike in 24" Walnut  
 42 Rt. Sta 49+60  
 Elev 864.62

B.M. Ctr. S. Wall #1-2 C.B.  
 Lt. of Sta 55+25  
 Elev 866.45







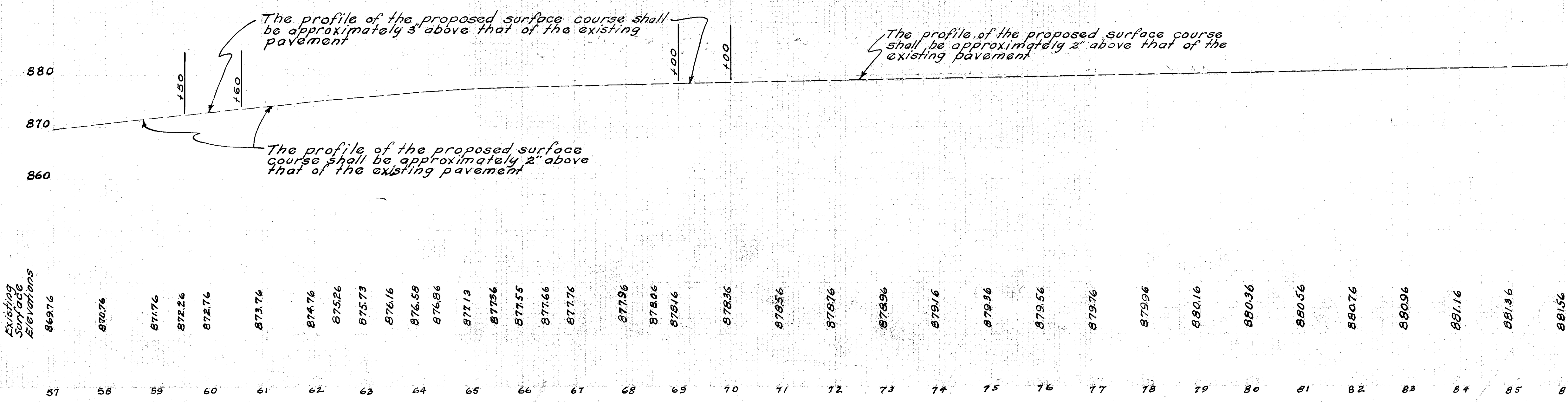
Curve Data  
 Δ - 76° 34'  
 D - 2° 45'  
 R - 2083.48  
 T - 1644.45  
 L - 2784.24  
 E - 570.78  
 P.C. 68+48.51  
 P.L. 84+92.96  
 P.T. 96+32.75

Begin Super-elevated Section Sta. 66+83.5

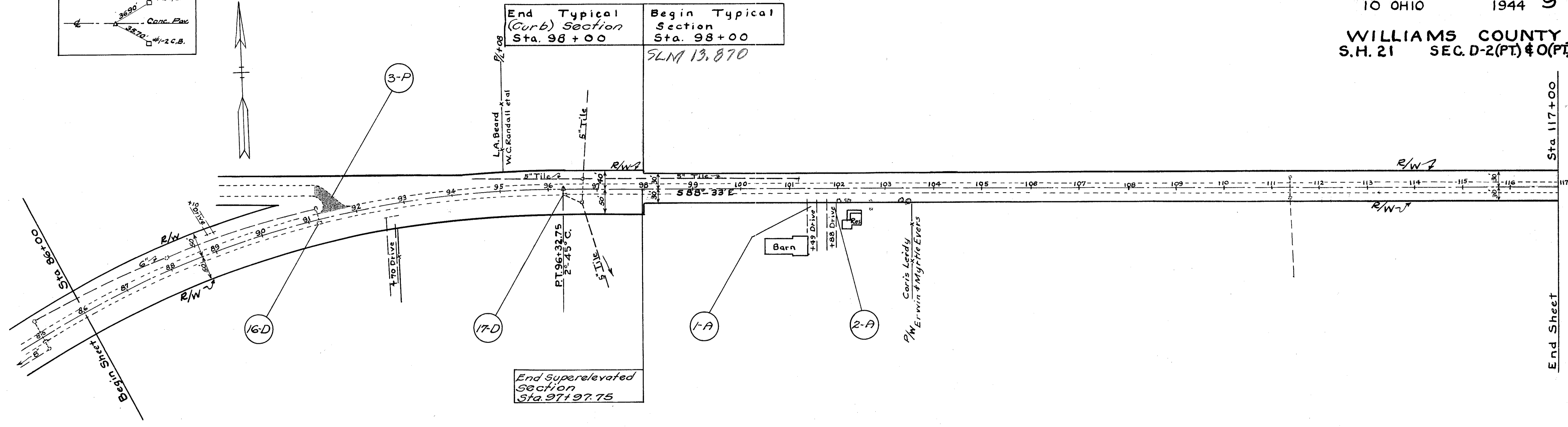
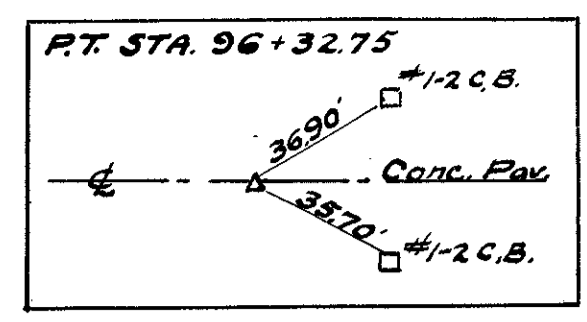
B.M. Ctr. of East Wall of C.B.  
 Right Sta. 55+50  
 Elevation 873.82

B.M. Ctr. of East Wall of C.B.  
 Right Sta. 75+00  
 Elevation 875.11

B.M. Spk in NW Side 18" Elm.  
 55' Right Sta. 80+00  
 Elevation 882.19



Sta 117+00  
 End Sheet



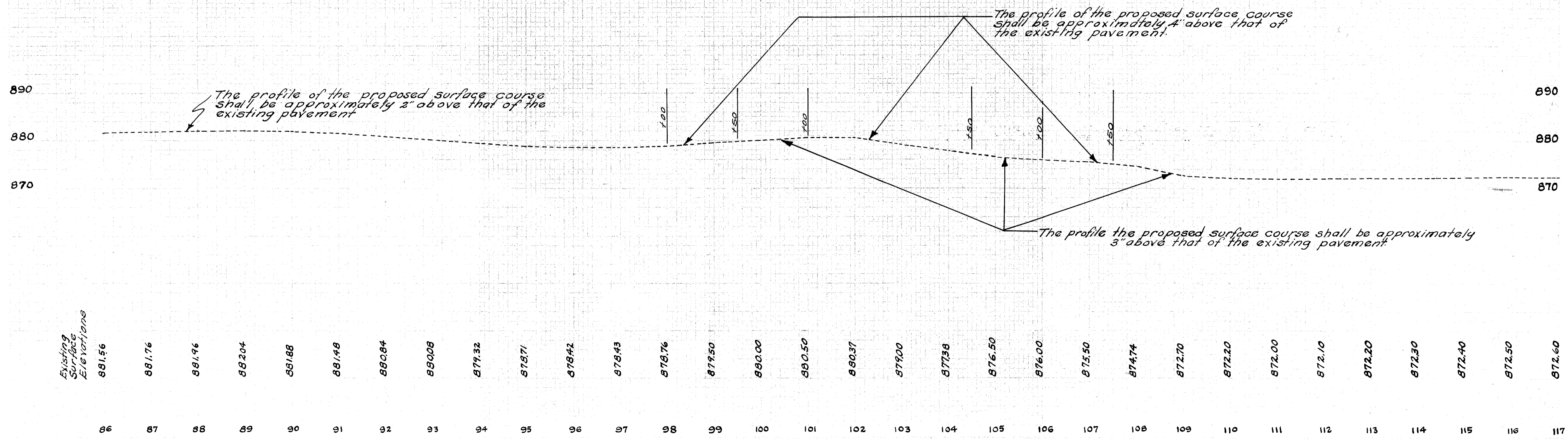
B.M. Ctr. S. Wall #1-2 C.B.  
 Lt. of Sta. 91+20  
 Elev. 882.00

B.M. Ctr. S. Wall #1-2 C.B.  
 Rt. of Sta. 96+64  
 Elev. 877.35

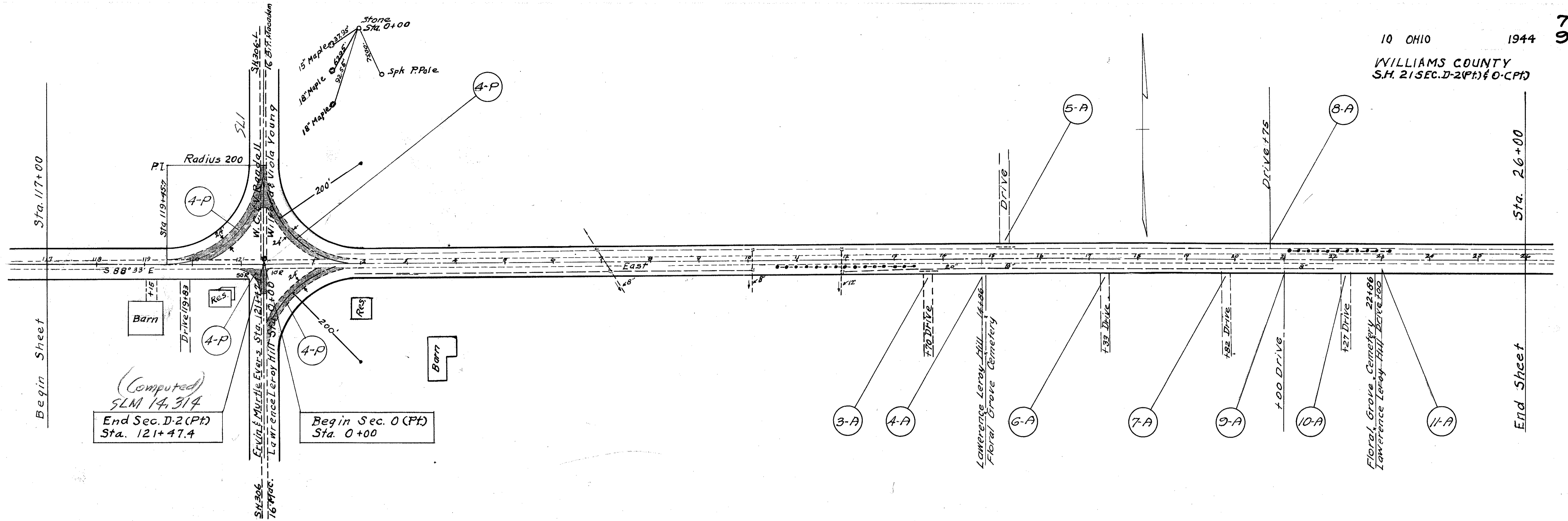
B.M. NW. Cor. Bot. Step  
 40 Rt. Sta. 102+19  
 Elev. 880.75

B.M. Spike in Fence Post  
 29 Lt. Sta 108+80  
 Elev. 873.13

B.M. Spike in Fence Post  
 29 Lt. Sta 115+45  
 Elev. 871.63







(Computed)  
SLM 14,314  
End Sec. D-2 (PT.)  
Sta. 121+47.4

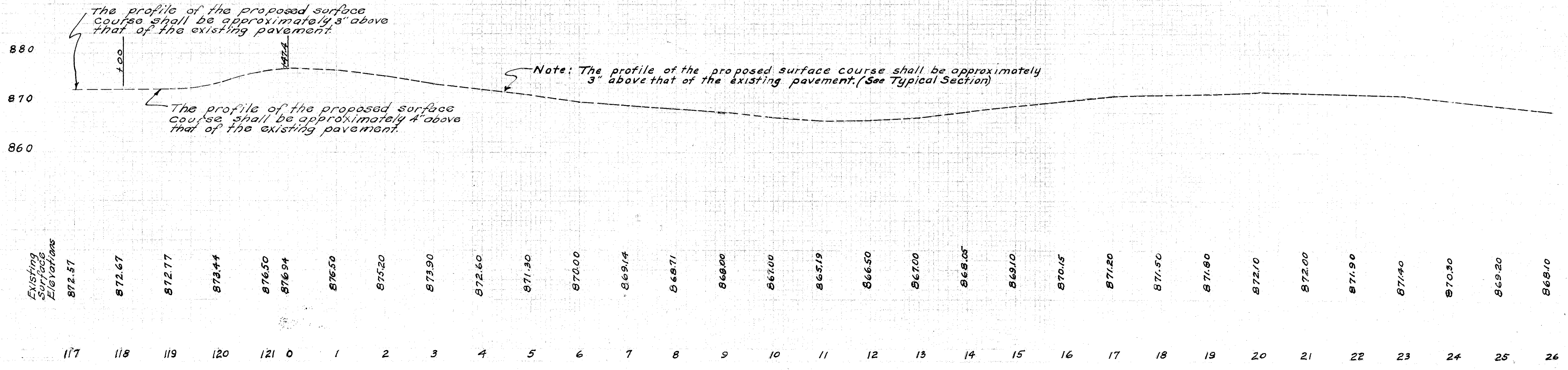
Begin Sec. O (PT.)  
Sta. 0+00

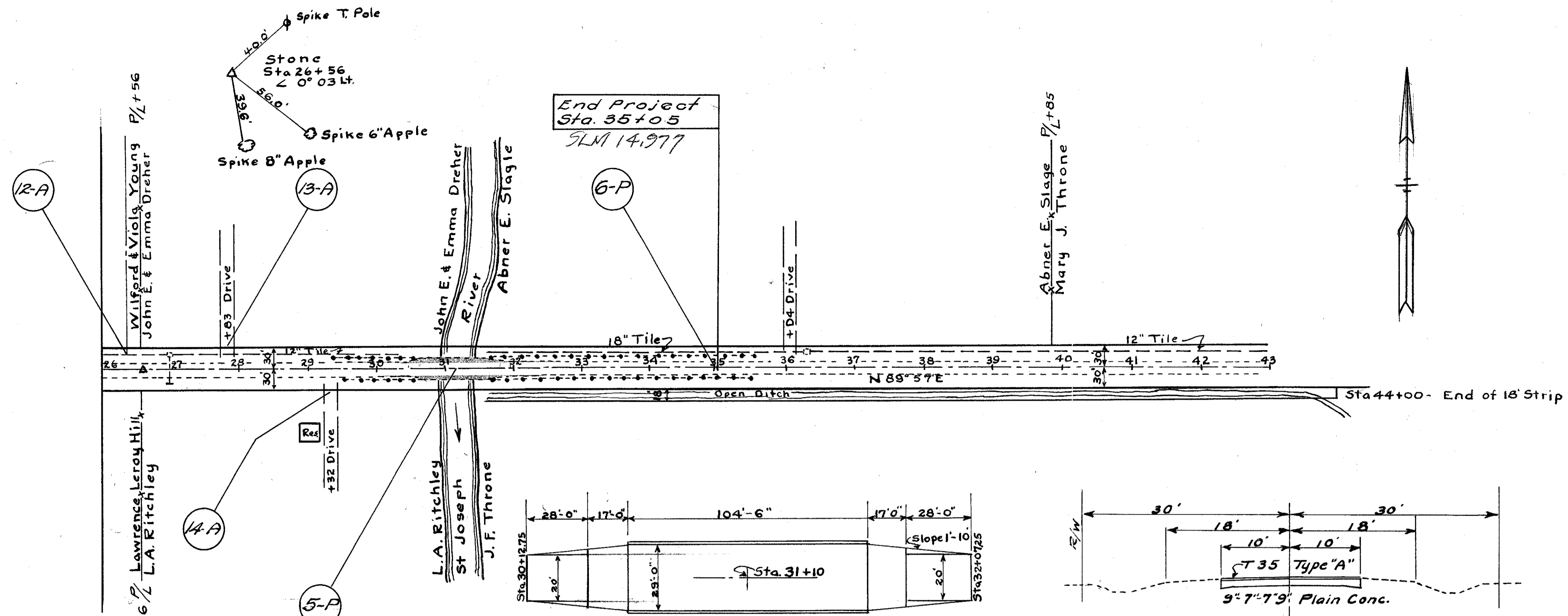
B.M. Spk. 20' Pine  
4.5' Right Sta. 2+18  
Elevation 875.60

B.M. Spk. Power Pole  
27' Right Sta. 9+09  
Elevation 867.30

B.M. Spk. 28' Ash  
22' Right Sta. 16+24  
Elevation 871.62

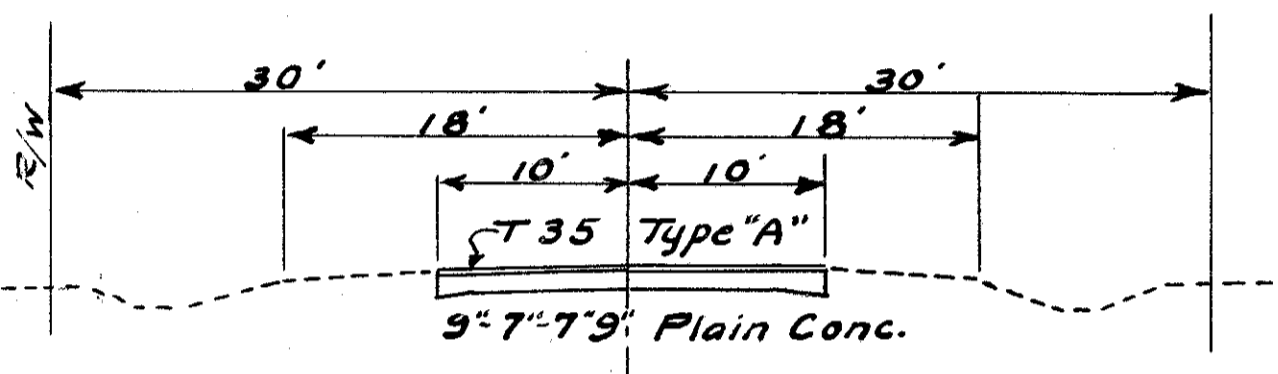
B.M. Spk. Power Pole  
27' Right Sta. 22+88  
Elevation 873.13





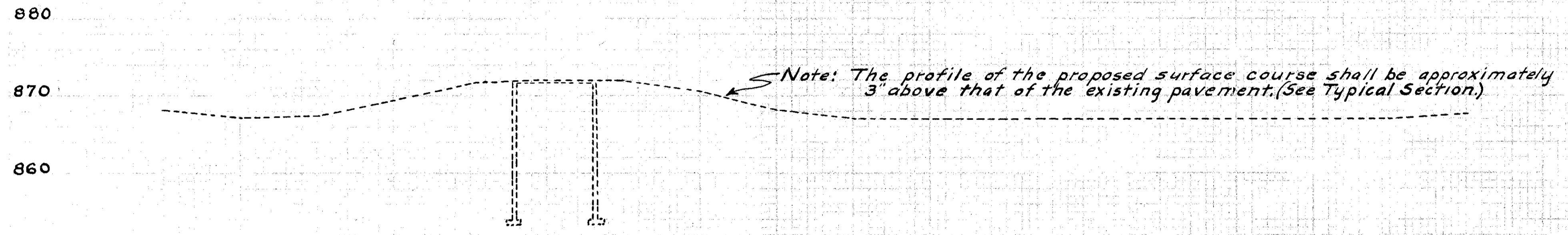
**PLAN SHOWING WIDENING AT APPROACHES**  
 Conc. Wearing surface on Bridge  
 Extra Pavement, outside 20' = 149.5 Sq. Yds. for Surface Course.  
 18 Sq. Yds. for 3/4" Minimum Thickness, Leveling Course.  
**EXISTING BRIDGE DATA**  
 Standard Steel Low Truss  
 Span-100', Rdwy 30'

*Note: Place no Leveling Course on Approach Slabs or Bridge Floor. Feather Leveling Course at extreme ends of Approach Slabs to effect a smooth profile over Structure and Approach Slabs.*



**TYPICAL SECTION OF ADJOINING PAVEMENT**  
 SCALE 1"=10'

B.M. N.W. Cor. Bridge Curb on Backwall Sta 30+54 Rt. Elev. 872.28  
 B.M. t on S.E. Wing of Bridge Sta 31+63 Rt. Elev. 872.25



Station	Existing Surface Elevations
26	868.10
27	867.14
28	867.38
29	869.50
30	871.62
31	872.00
32	871.96
33	870.50
34	868.04
35	867.00
36	867.00
37	867.00
38	867.00
39	867.00
40	867.00
41	867.00
42	867.00
43	867.50