

STATE HIGHWAY DEPARTMENT OF OHIO
BUREAU OF CONSTRUCTION
SEC. "HUNTSVILLE" BELLEFONTAINE - LIMA ROAD

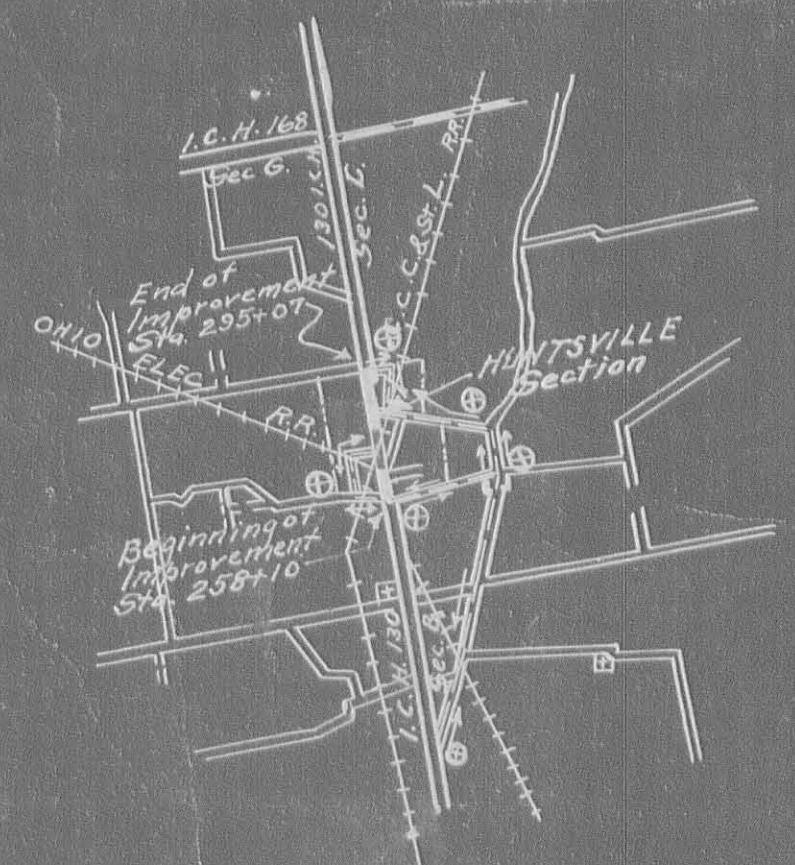
I. C. H. 130 M. M. XIV PET. 4116

LOGAN COUNTY

McARTHUR TOWNSHIP - APRIL 1921

- Scales -
Plan 1" = 50'
Profile (vertical) 1" = 10'
Profile (horizontal) 1" = 50'
Cross Sections 1" = 5'

County Line _____
Township Line _____
Section Line _____
Center Line _____
Village Line _____
Land Line _____
Telephone Line T T T T T T T
Steam or Electric Lines _____
Drainage Lines _____



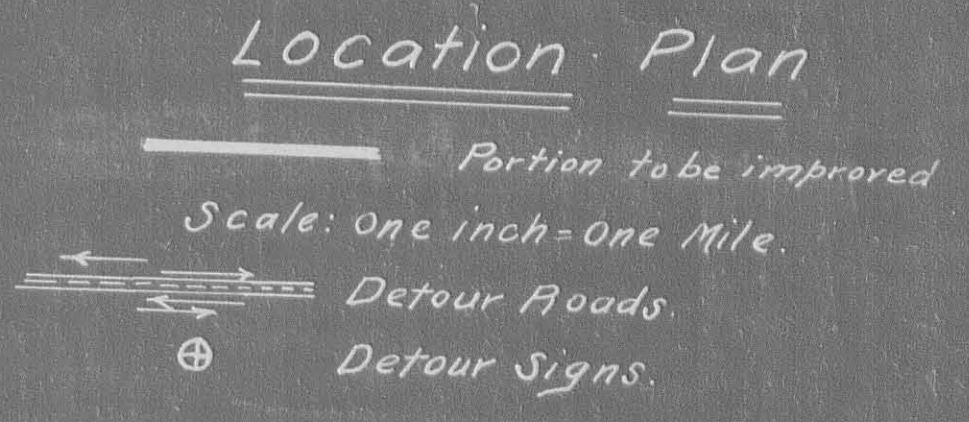
Index of Sheets.

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1	Typical Cross Section	
2	Plans and profile	
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5	"	
6	Cross Sections	
7	Assessment Plats	
8	"	
9	Summary of Roadway and Roadbed Items	

We, the Commissioners of Logan County hereby approve these plans and certify that the Right-of-Way of Fifty Feet width is available for the construction, maintenance and repair of the above highway.

Signed _____
_____ County Commissioners.

Dated: 5/9/21



THE STANDARD SPECIFICATION OF THE STATE HIGHWAY DEPARTMENT OF OHIO IN FORCE ON DATE OF CONTRACT WILL GOVERN THIS IMPROVEMENT.

I hereby approve these plans and declare that the making of the Improvement will require the closing of the highway to traffic and that the detours will be indicated by signs as shown on the plans and estimates.

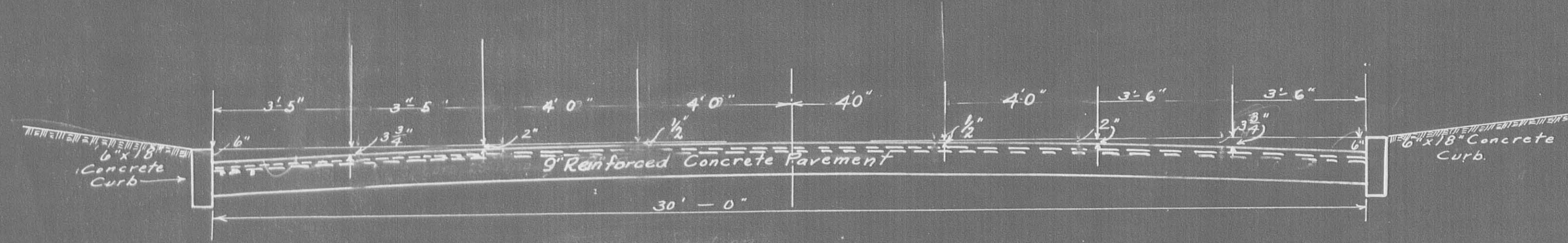
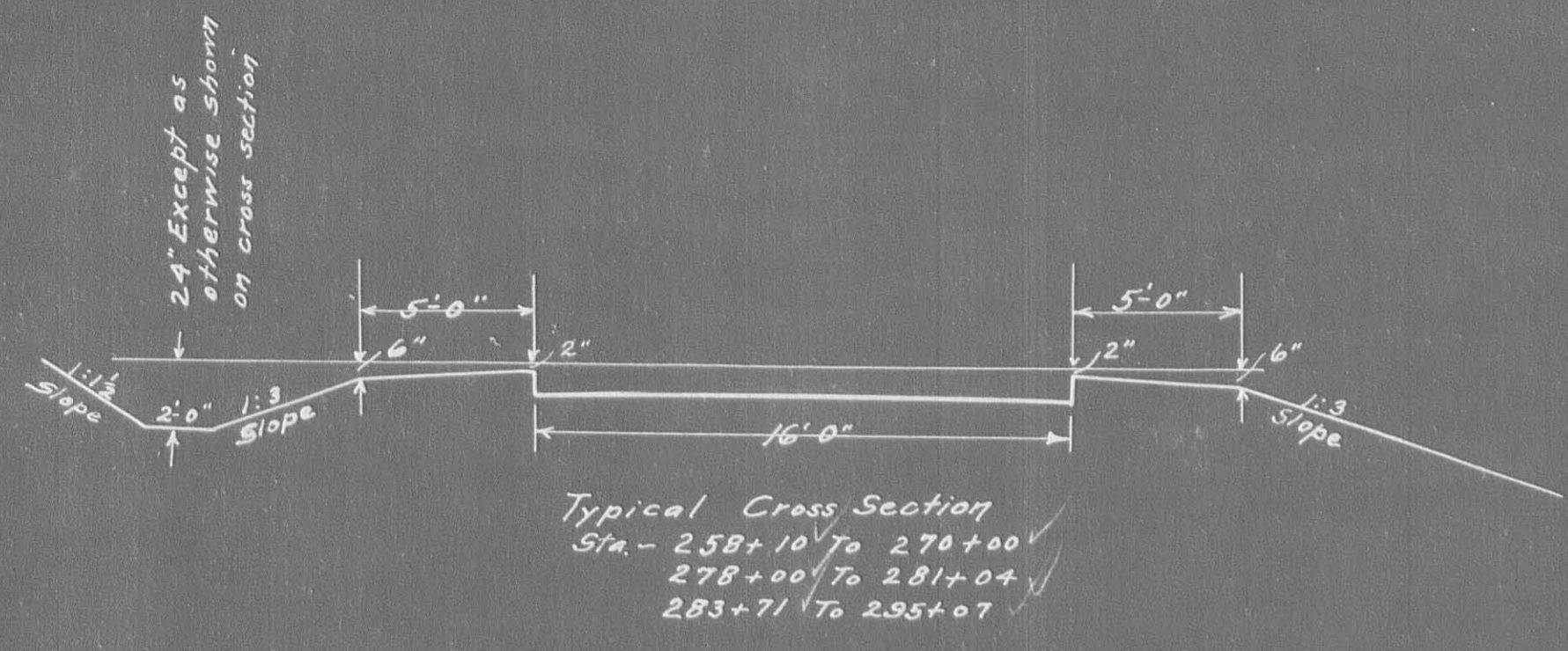
Date May 10 1921 Oliver P. Pichey Resident Engineer.
Date May 13 1921 August M. Davis Division Engineer.
Date June 2 1921 Elli S. Smith Chief Highway Engineer.
Date May 31 1921 Leon C. Herrick State Highway Commissioner.

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6-7

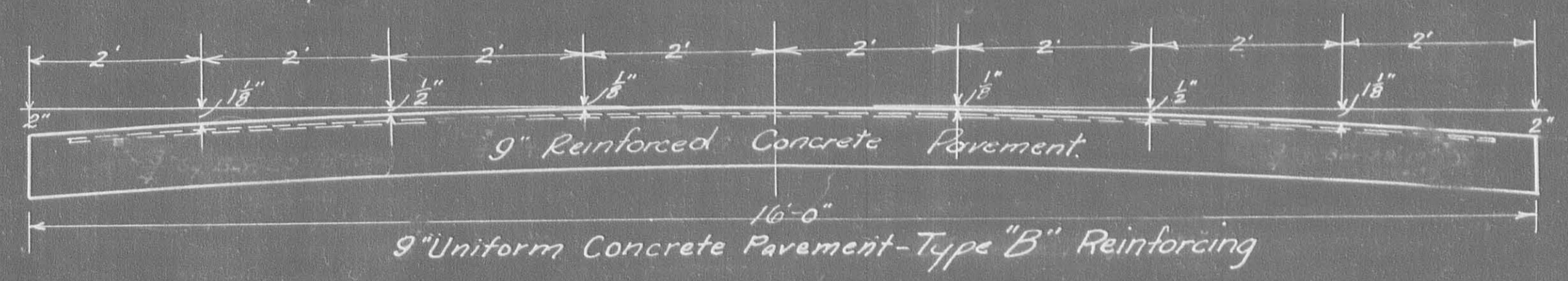
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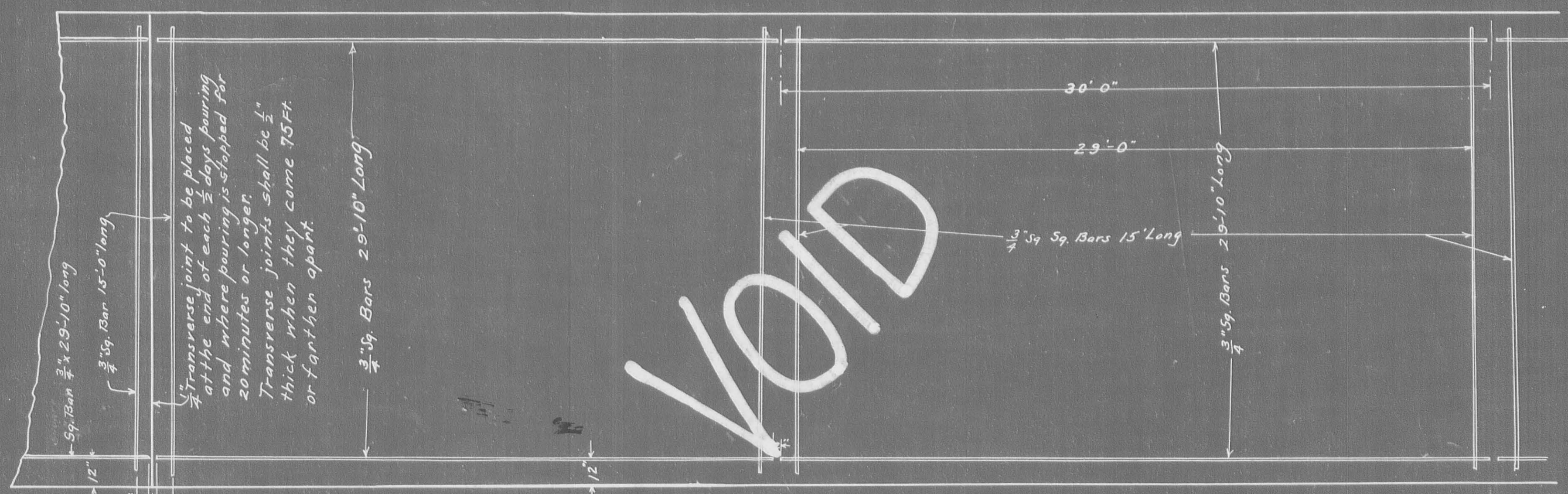
TYPICAL CROSS SECTION
From Sta 281+04 to Sta 283+71
Type "B" Reinforcing

Transverse Reinforcing - $\frac{1}{2}$ " ϕ Bars Spaced 12" on centers.
Longitudinal Reinforcing - 8 Lines $\frac{1}{2}$ " ϕ Bars Spaced 4'-0" on centers.



Transverse Reinforcing - $\frac{1}{2}$ " ϕ Bars Spaced 12" on centers
Longitudinal Reinforcing - 4 Lines $\frac{1}{2}$ " ϕ Bars Spaced 4'-8" on centers

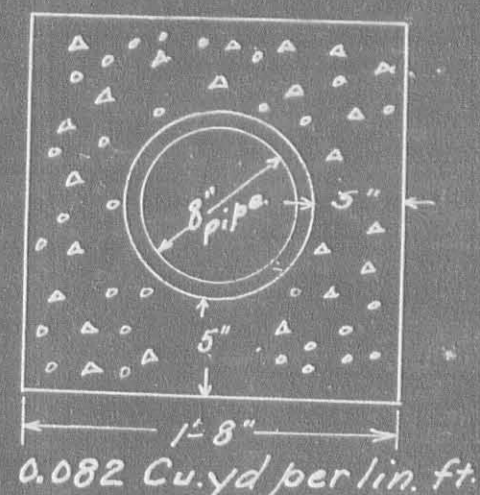
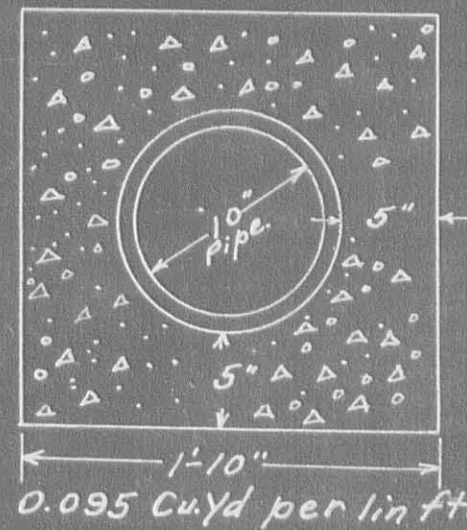
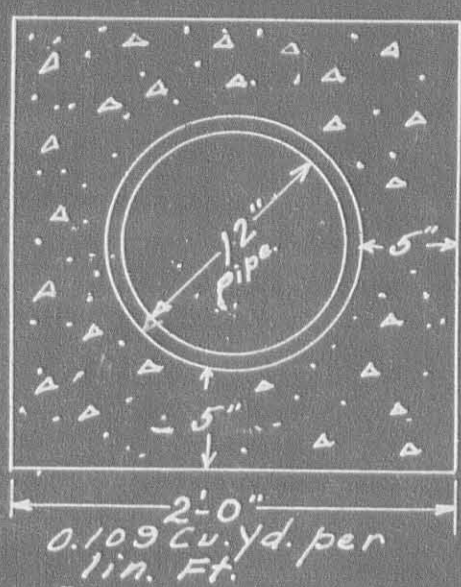
Detail for 16' width of Pavement



PLAN OF REINFORCEMENT
of 16' Pavement

On 30' width of pavement the transverse bars shall be 29' long
All other detail of reinforcement shall be as shown here

Encasement of Vitrified Pipe

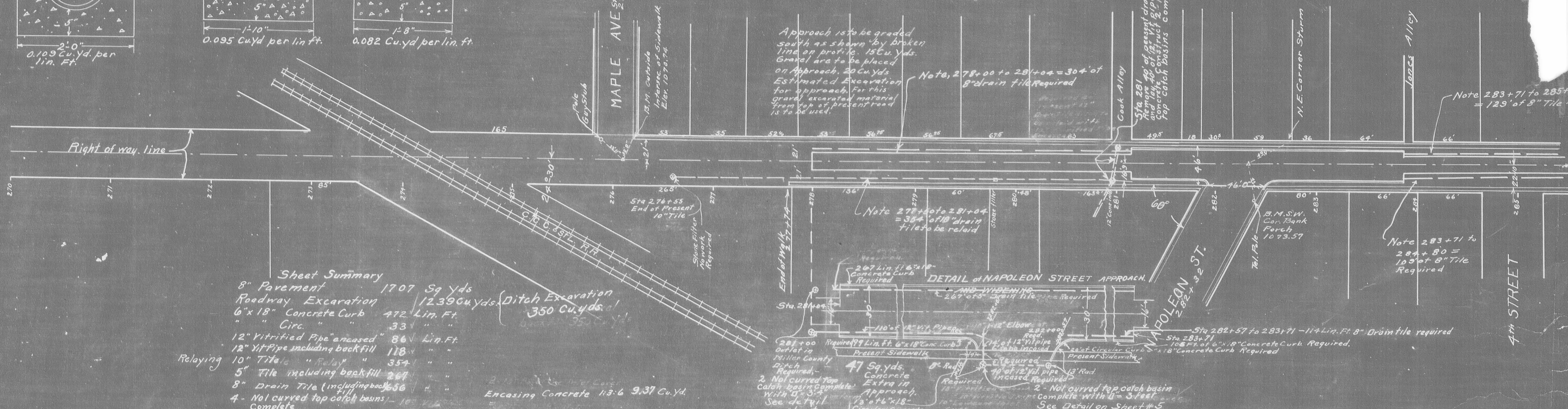


Note

All Vitrified pipe is to be encased Under Streets and Alleys with 1:3:6 Concrete. All drainage tile trenches are to be backfilled with gravel. Drain tile to be salt glazed.

PLAN	SURVEYED	DATE
	FLOTTED	
	NOTE BOOK	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	NO.	

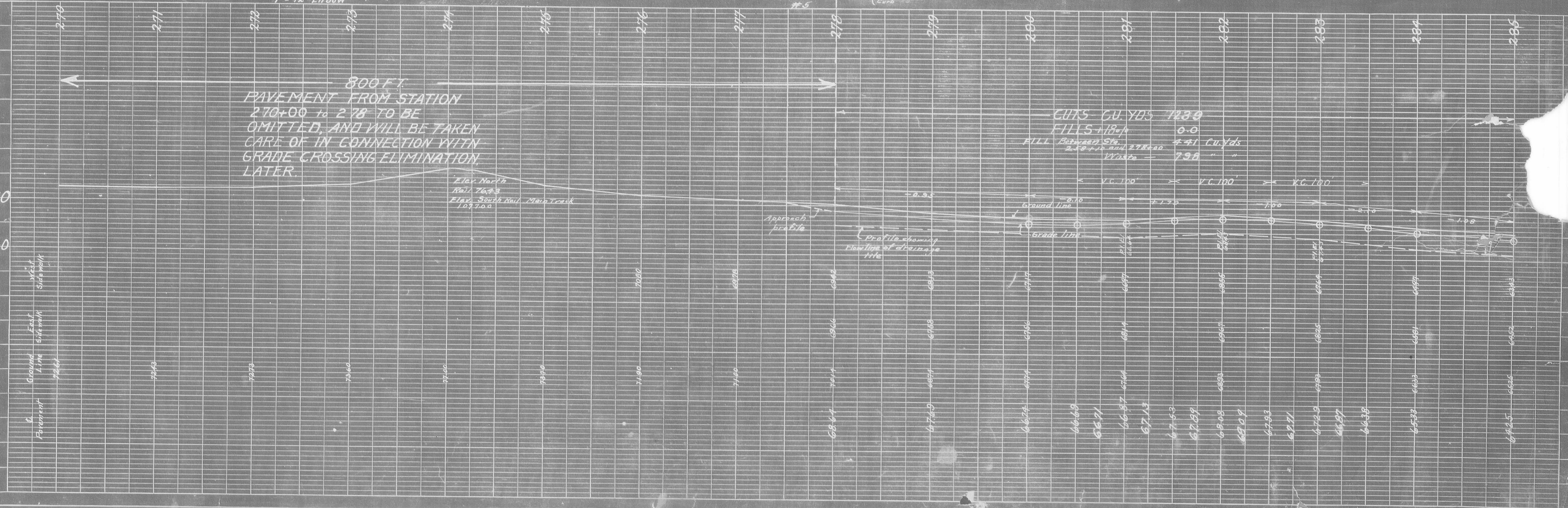
PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	B. M'S NOTED	
	STRUCTURE NOTATIONS	
	NO.	



Sheet Summary
 8" Pavement 1707 Sq Yds
 Roadway Excavation 1239 Cu. Yds.
 6" x 18" Concrete Curb 472 Lin. Ft.
 " " " " 33 " "
 12" Vitrified Pipe encased 86 Lin. Ft.
 12" Vit Pipe including backfill 118 " "
 Relaying 10" Tile "Relay" 354 " "
 5" Tile including backfill 267 " "
 8" Drain Tile (including backfill) 103 " "
 4- Not curved top catch basins - 103 " "
 1- 12" Elbow " " " "
 Encasing Concrete 1:3:6 9.37 Cu. Yd.

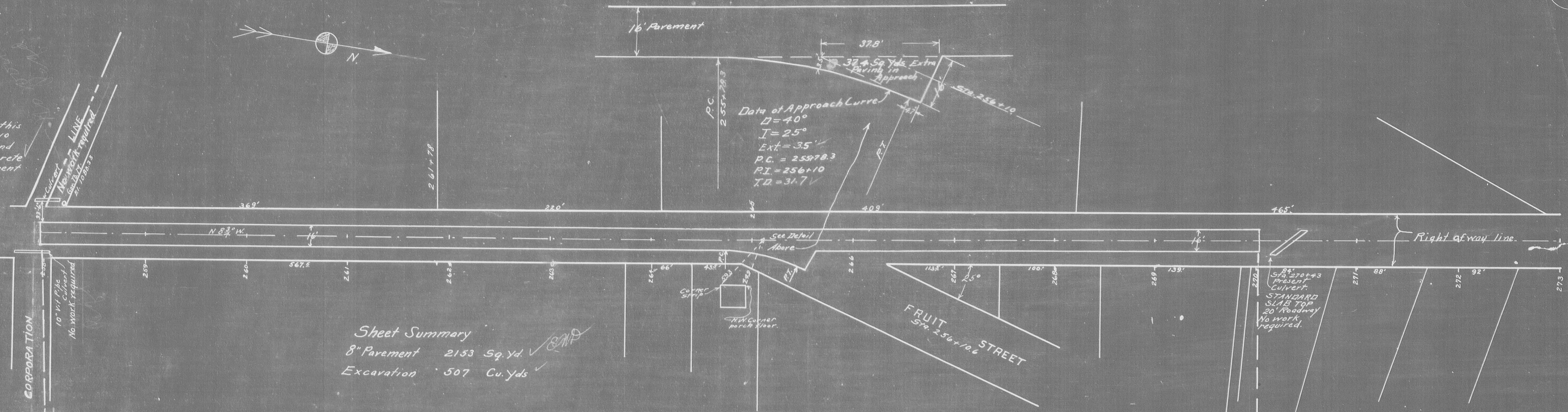
800 FT.
 PAVEMENT FROM STATION 270+00 TO 278 TO BE OMITTED, AND WILL BE TAKEN CARE OF IN CONNECTION WITH GRADE CROSSING ELIMINATION LATER.

CUTS CU. YDS 193.0
 FILLS 118.4
 FILL BETWEEN STA. 278+17 AND 278+20 4.41 Cu. Yds
 278+20 7.56 " "



Detail of Approach at 356+10

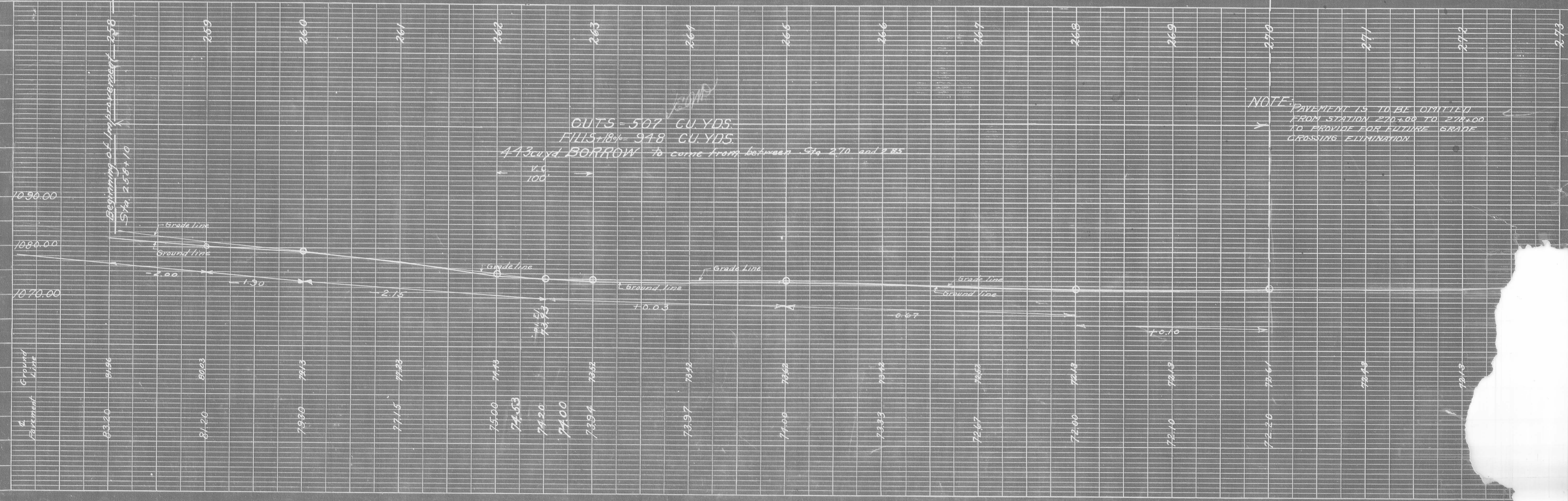
Note:
Beginning of this project - 258+10 is the north end of present concrete road improvement I.C.H. 130 Sec B.



Sheet Summary
8" Pavement 2153 Sq. Yd.
Excavation 507 Cu. Yds.

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	NO.	

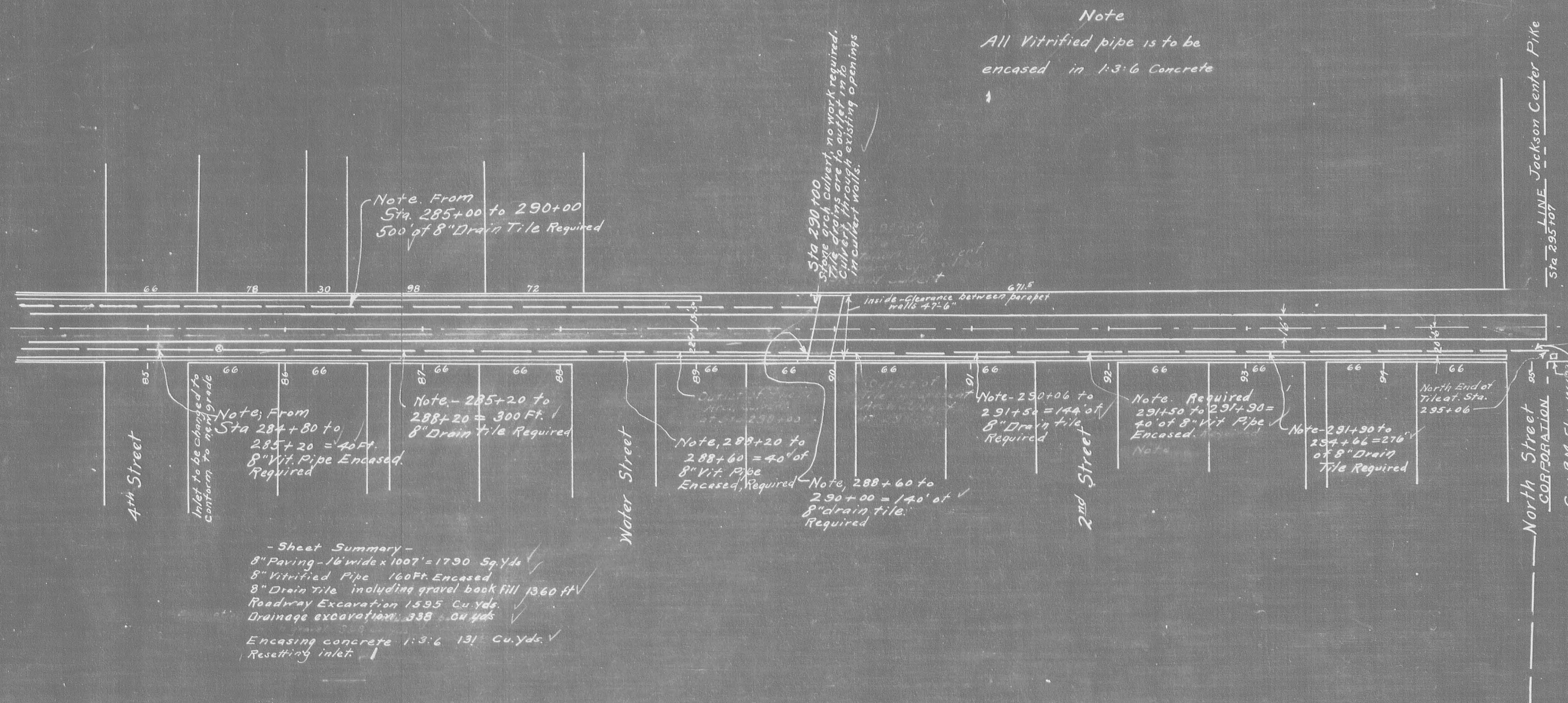
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES NOTED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



CUTS = 507 CU. YDS.
FILLS @ 18% = 948 CU. YDS.
443 cu yd BORROW to come from between Sta 270 and 285

PLAN SURVEYED BY DATE
PLOTTED BY
NOTE BOOK NO. OF WAY CHECKED
NO.

PROFILE SURVEYED BY DATE
NOTE BOOK NO. GRADES CHECKED
B. M. S. NOTED
STRUCTURE NOTATION CHECKED
NO.



- Sheet Summary -
8" Paving - 16' wide x 1007' = 1790 Sq. Yds.
8" Vitrified Pipe 160 Ft. Encased
8" Drain Tile including gravel back fill 1360 ft.
Roadway Excavation 1595 Cu. Yds.
Drainage excavation 335 Cu. Yds.
Encasing concrete 1:3:6 131 Cu. Yds.
Resetting inlet

