

FED. RD. DIST. NO.	STATE	FED. AID SEC. PROJECT	FISCAL YEAR	
10	OHIO	S-105(2)	1946	1 24

LUCAS COUNTY
S.H. 59 SEC. WATERVILLE (Pt.)
WOOD COUNTY
S.H. 53 SEC. Δ
S.H. 53 SEC. D (Pt.) & E (Pt.)

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
WATERVILLE ~ SWANTON ROAD
S.H. 59 SEC. WATERVILLE (Pt.)
LUCAS COUNTY
VILLAGE OF WATERVILLE
S.H. 59 SEC. A WOOD COUNTY
MIDDLETOWN TOWNSHIP
TOLEDO ~ GRAND RAPIDS ROAD
S.H. 53 SEC. D (Pt.) & E (Pt.) WOOD COUNTY
MIDDLETOWN TOWNSHIP

352

CONVENTIONAL SIGNS

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

INDEX OF SHEETS

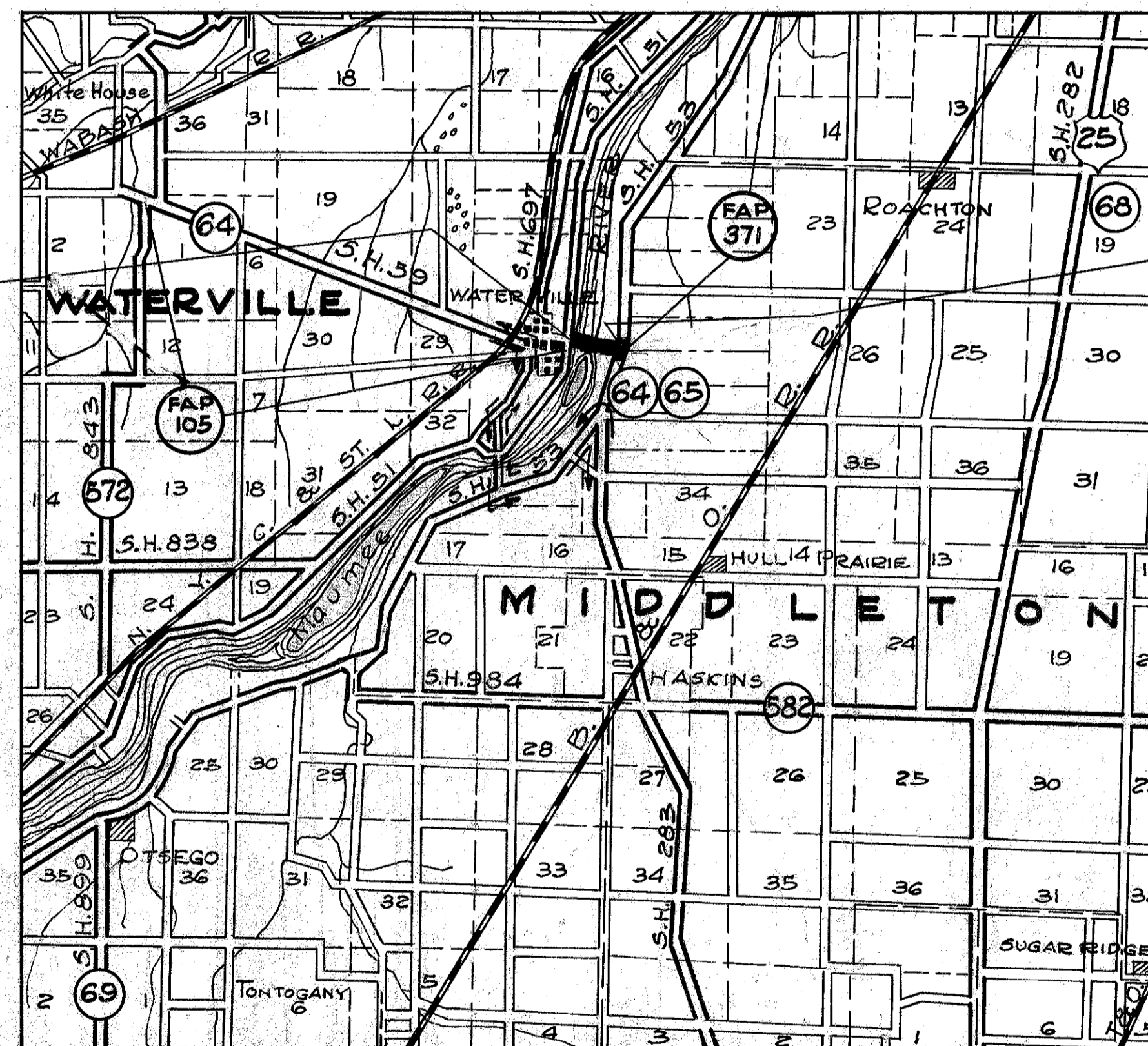
TITLE SHEET	1
TYPICAL SECTIONS	2
JOINT SHEETS	2-A & 2-B
PLAN & PROFILE	3 & 4
CROSS SECTIONS	5-9
INTERSECTIONS	10
GENERAL NOTES	11
STRUCTURES OVER 20 FT. SPAN	12-23
SUMMARIES	24

LINE DATA

Beginning of Project No. S-105(2) = Sta. 0+41.50
 End Sec. Waterville (Pt.) Begin Sec. A = Sta. 9+27.0
 End of Project No. S-105(2) = Sta. 21+02.45
 No Additions or Deductions.
 Net Length of Sec. Waterville (Pt.) = 885.50 Lin. Ft.
 Net Length of Sec. A = 1175.45 Lin. Ft.
 Net Length of Project No. S-105(2) = 2060.95 Lin. Ft. or 0.390 Miles
 Begin Approach S.H. 53 Sta. 0+00 And Sta. 21+14.95
 End Approach S.H. 53 Sta. 1+10.30 And Sta. 22+01.65
 Net length of Approach 110.30 + 86.70 = 197.00 Lin. Ft.
 Net length of Work = 2257.95 Lin. Ft. or 0.427 Miles.

STANDARD DRAWINGS

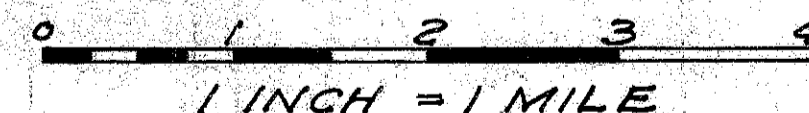
I-15 No. 7	2-1-47	I-15, No. 1	3-1-47
B-T-71 R	2-1-47	G-8.07	2-1-47
I-1, 2, 3, 4 & 5	2-20-45	B-T-50-70-71 E No. 1	12-1-43
I-8 C.B. 2-2A & B	12-15-47	I-15, No. 2	2-1-47
I-8 C.B. No. 3	12-15-47	I-15, No. 4	2-1-47
I-8 M.H. No. 1	3-1-39	I-15, No. 5	2-1-47
I-12	7-1-42	I-15, No. 6	2-1-47
I-15 No. 9	2-1-47	L-3	2-1-47



Delivery Point ~ Waterville, 0 Average Haul ~ 3/4 Mile

LOCATION PLAN

SCALE OF MILES



PORTION TO BE IMPROVED
 DETOURS SHOWN THUS
 STATE HIGHWAYS
 COUNTY ROADS

SCALES

PLAN 1"=50'
 PROFILE HORIZONTAL 1"=50'
 PROFILE VERTICAL 1"=5'
 CROSS SECTIONS 1"=3' & 1"=10'

SUPPLEMENTAL SPECIFICATIONS

M-110.23	Rev. 1-3-47
112	Rev. 11-6-46

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.

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

Approved _____
 Date _____ Resident Division Deputy Director.

Approved _____
 Date _____ Chief Engineer, Bureau of Maintenance.

Approved _____
 Date 2-11-47 Chief Engineer, Bureau of Bridges & R.R. Crossings.

Approved _____
 Date 2-11-47 Chief Engineer, Bureau of Location & Design.

Approved _____
 Date _____ First Assistant Director and Chief Engineer.

Approved _____
 Date 2-12-47 Director of Highways.

CONSTRUCTION BUREAU
 JUL 5 1955
 GROUND PHOTOLAB

RECOMMENDED FOR APPROVAL DATE

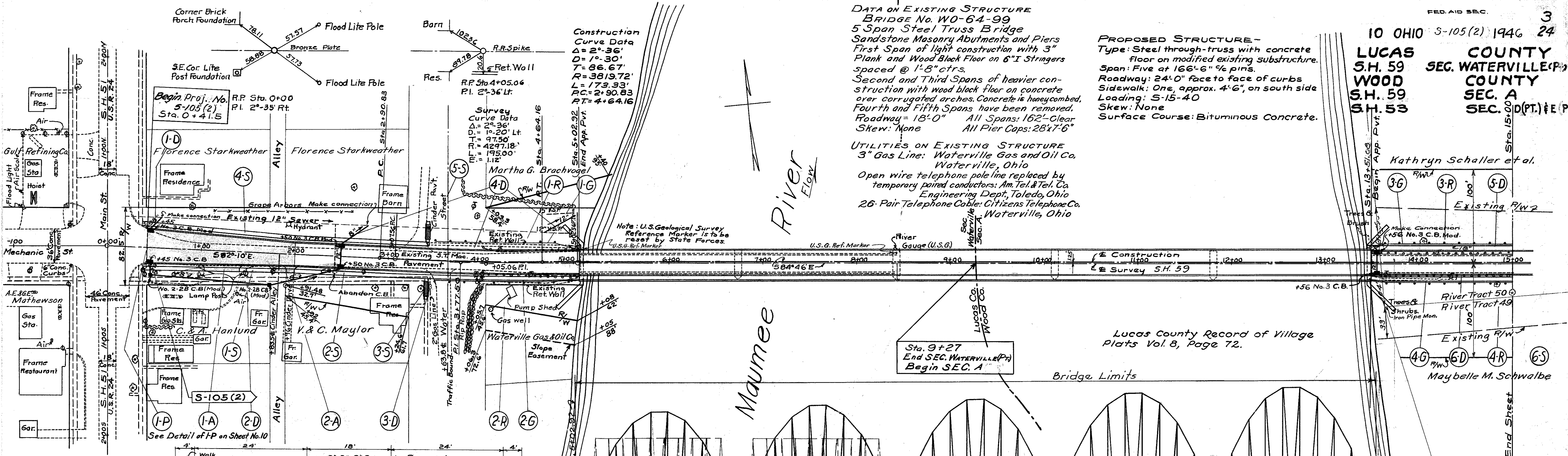
DISTRICT ENGINEER
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

APPROVED DATE

DIVISION ENGINEER
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

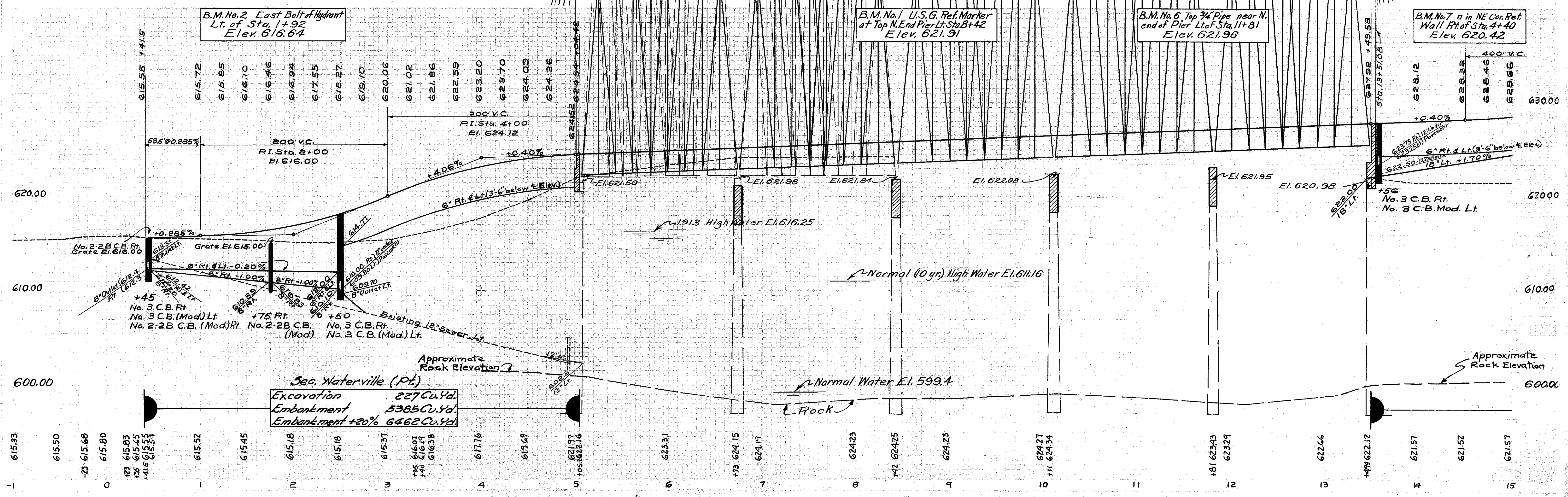
FILE No. 352
 LUCAS Co., S.H. 59 SEC. WATERVILLE (Pt.)
 Wood Co., S.H. 59 Sec. A S.H. 53 Sec. D (Pt.) & E (Pt.)
 Date of Letting 194
 Contract No.

10 OHIO S-105(2) 1946 24
LUCAS COUNTY
S.H. 59 SEC. WATERVILLE (P)
WOOD COUNTY
S.H. 59 SEC. A
S.H. 53 SEC. D (PT.) & E (PT.)



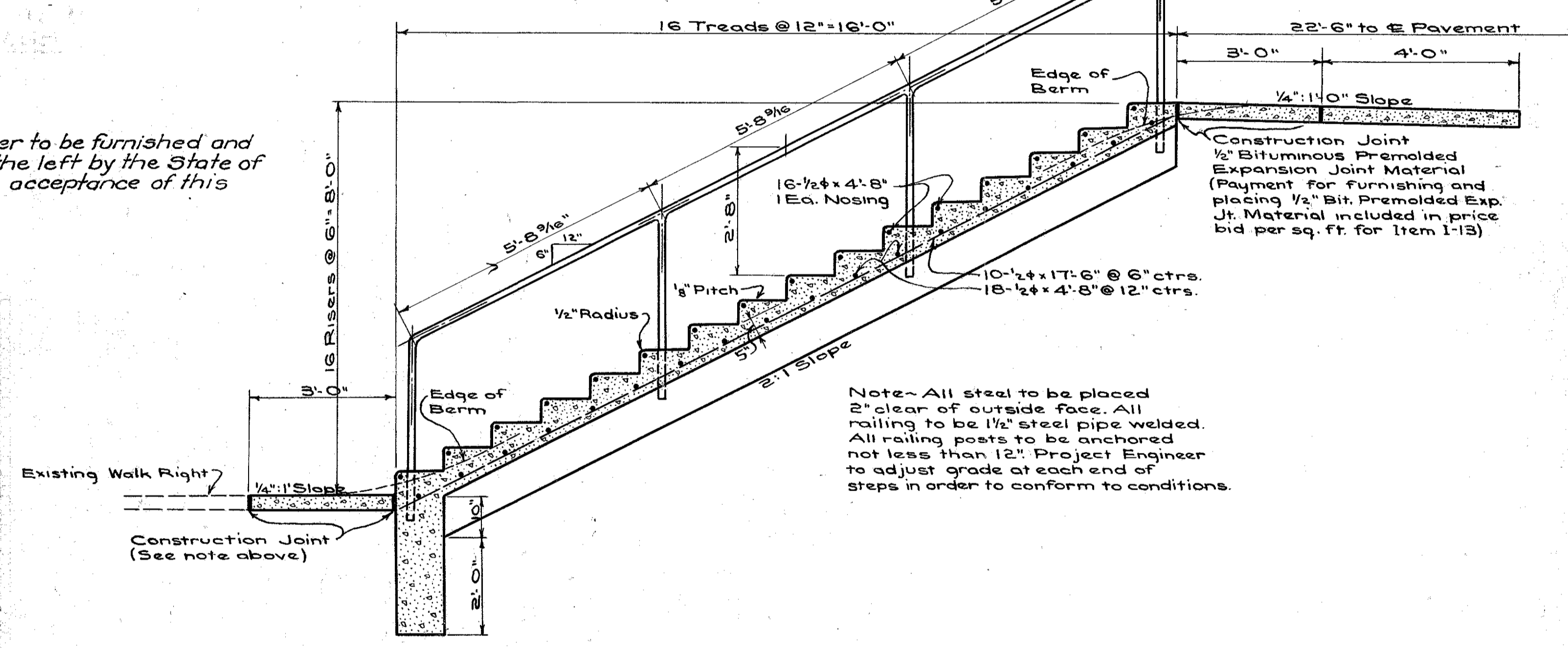
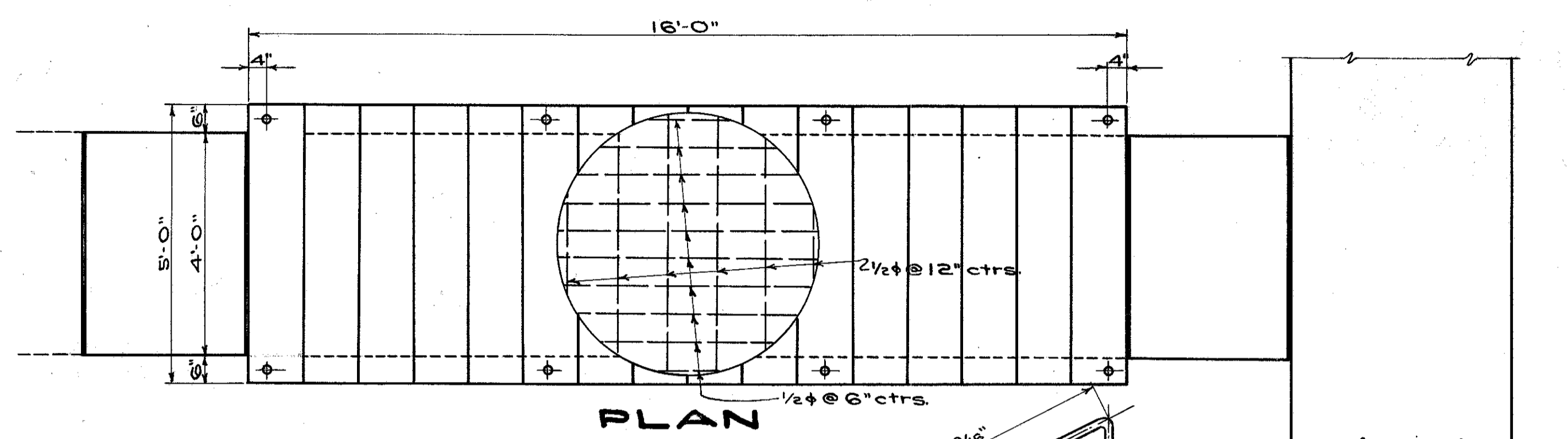
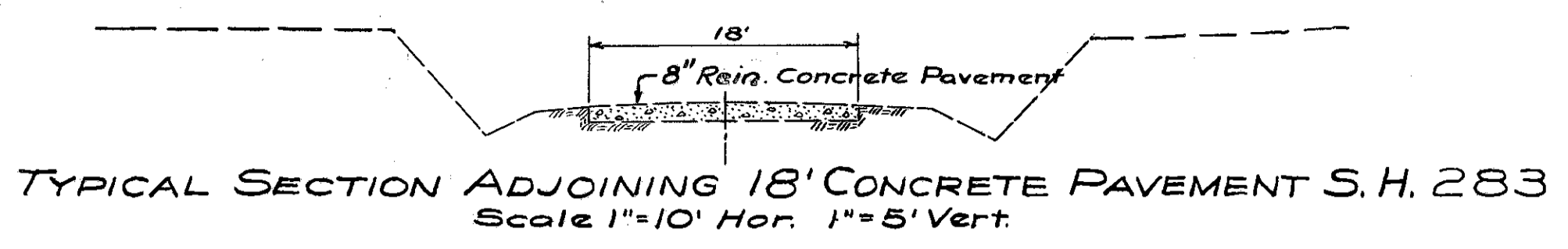
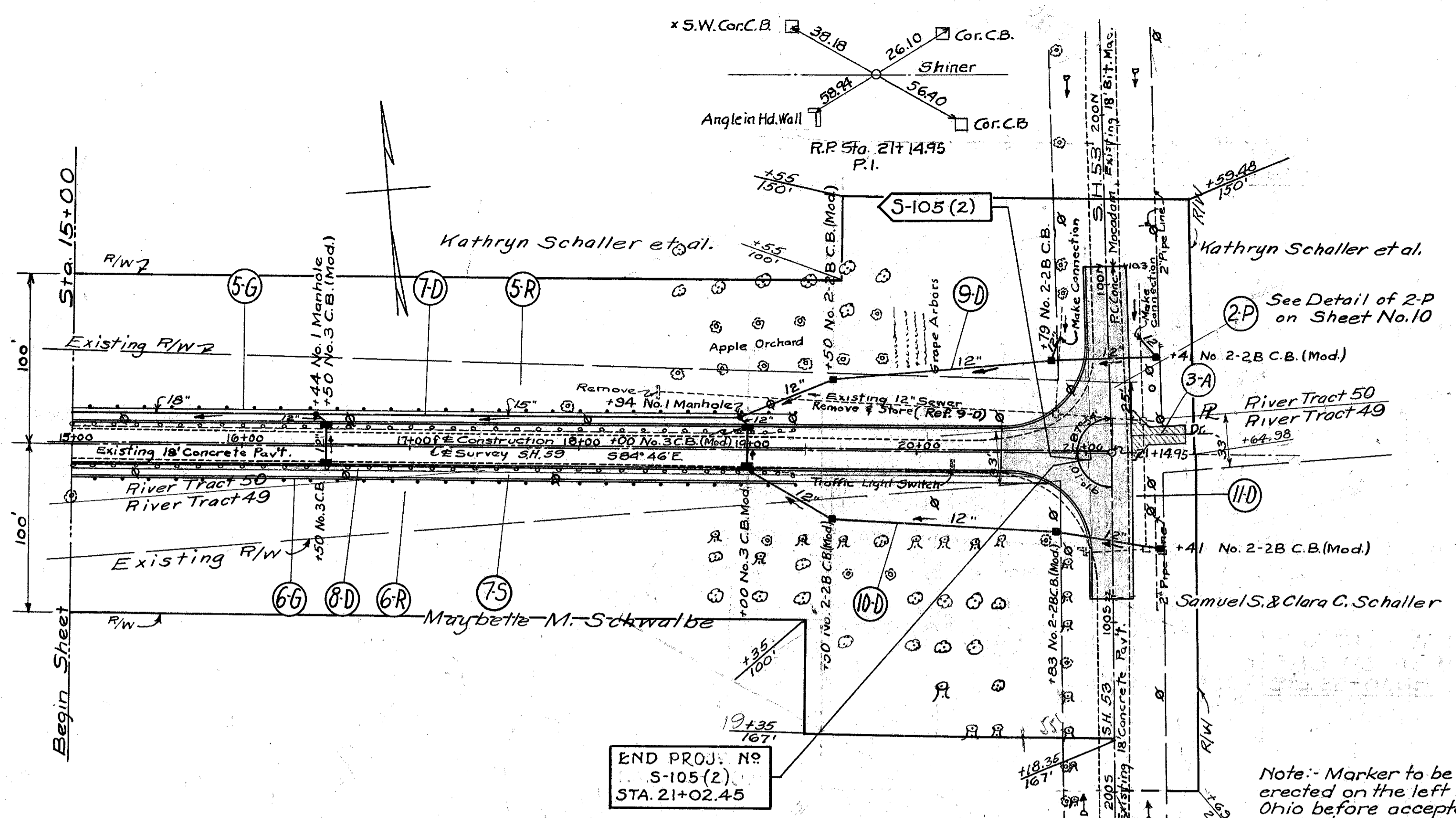
NOTE: Marker to be furnished and erected on the right by the State of Ohio before acceptance of this project.

TYPICAL SECTION ADJOINING 18' CONCRETE PAVEMENT (S.H.5)
SCALE 1"=10' HOR. 1"=5' VERT.

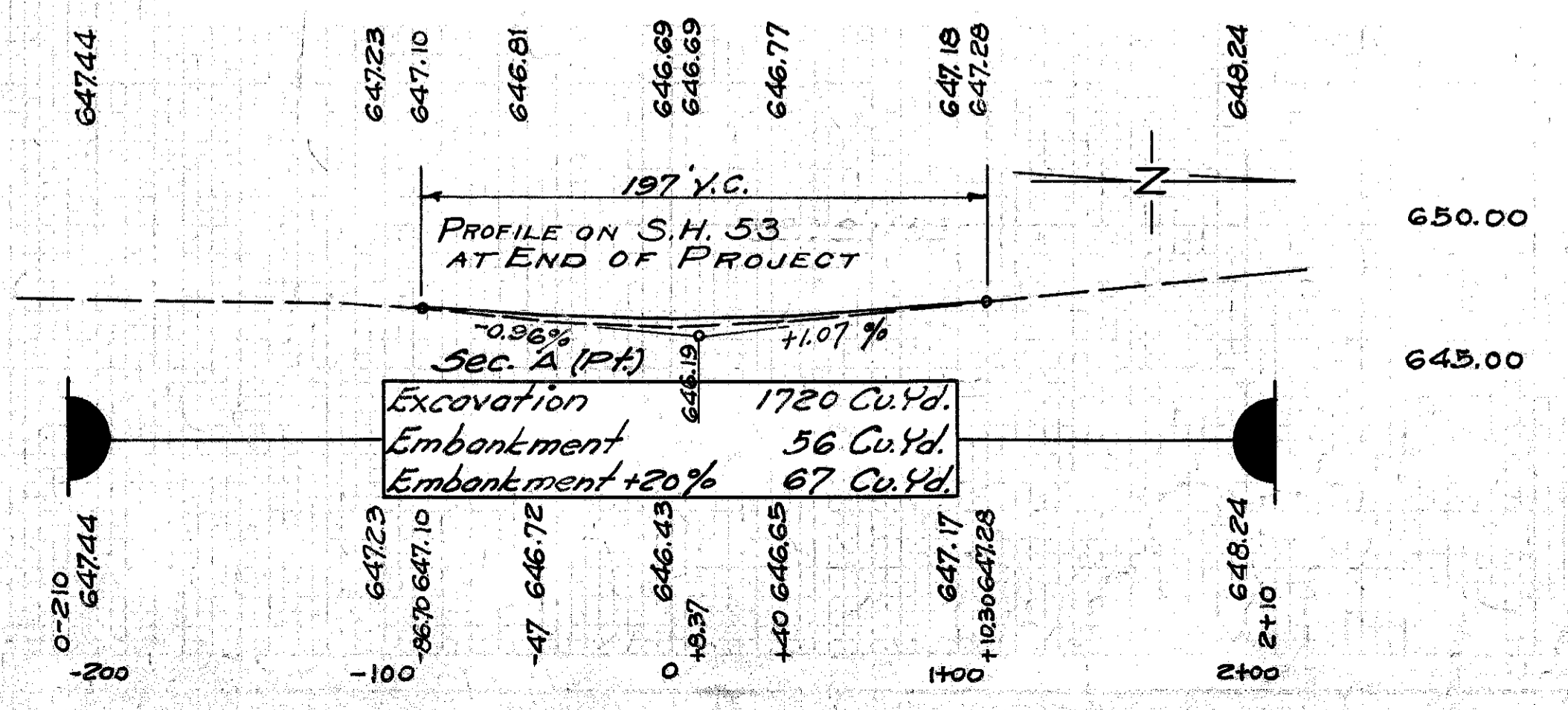
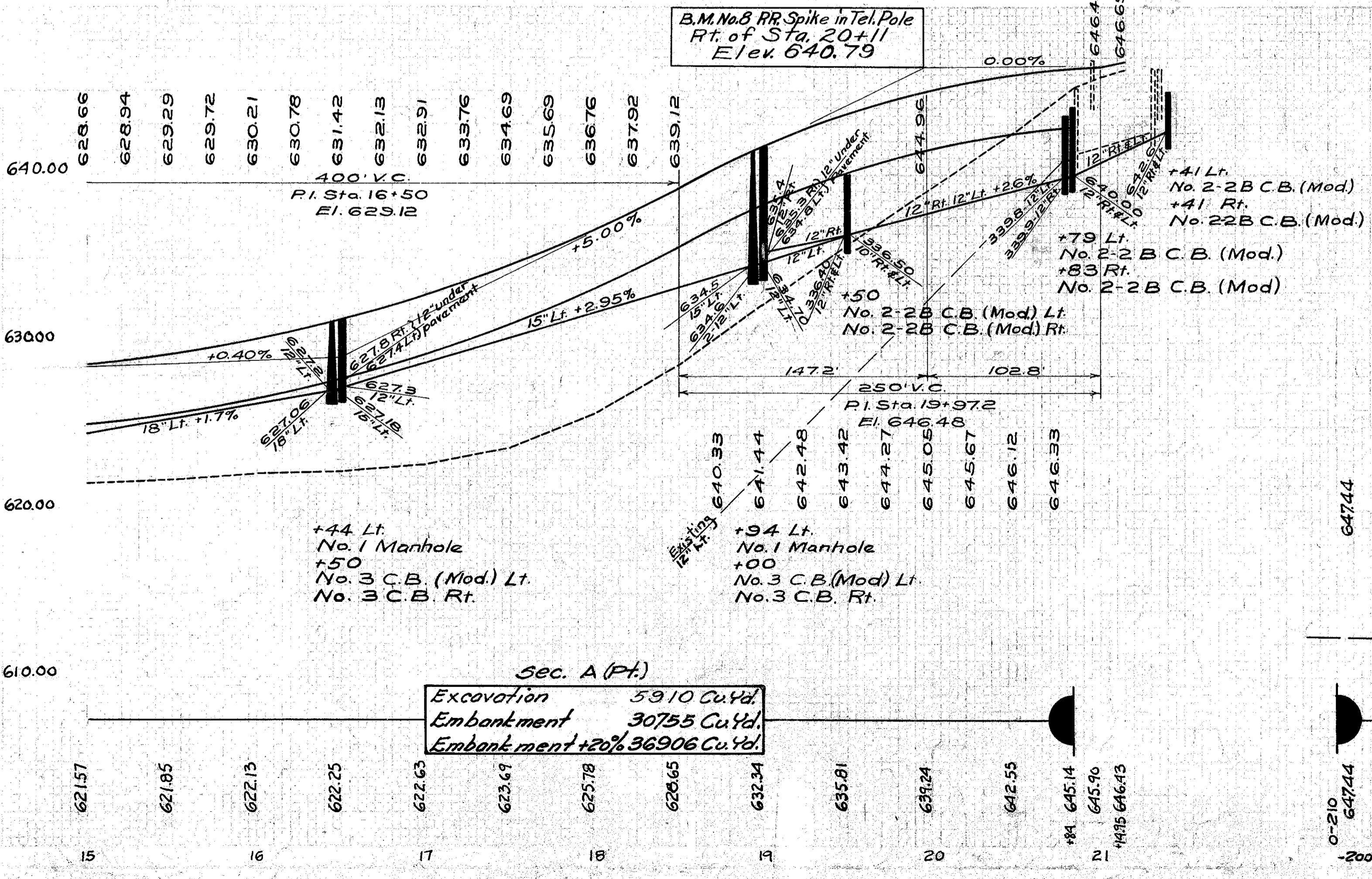


Sec. Waterville (P)
Excavation 227 Cu.Yd.
Embankment 5385 Cu.Yd.
Embankment +20% 6462 Cu.Yd.

10 OHIO S-105(2) 1946 24
 LUCAS COUNTY
 SH 59 SEC. WATERVILLE (Pt.)
 WOOD COUNTY
 S.H. 59 SEC. A
 S.H. 53 SEC. D (Pt.) & E (Pt.)



SECTION
CONCRETE STEP DETAIL
 STA. 3+40 RT. # LT.
35 & 55
 SCALE 1/2" = 1'-0"



Note: Marker to be furnished and erected on the left by the State of Ohio before acceptance of this project.

Note: All steel to be placed 2" clear of outside face. All railing to be 1 1/2" steel pipe welded. All railing posts to be anchored not less than 12". Project Engineer to adjust grade at each end of steps in order to conform to conditions.

Excavation 5910 Cu.Yd.
 Embankment 30755 Cu.Yd.
 Embankment +20% 36906 Cu.Yd.

Excavation 1720 Cu.Yd.
 Embankment 56 Cu.Yd.
 Embankment +20% 67 Cu.Yd.