

C-1 I-3

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	STATE	1

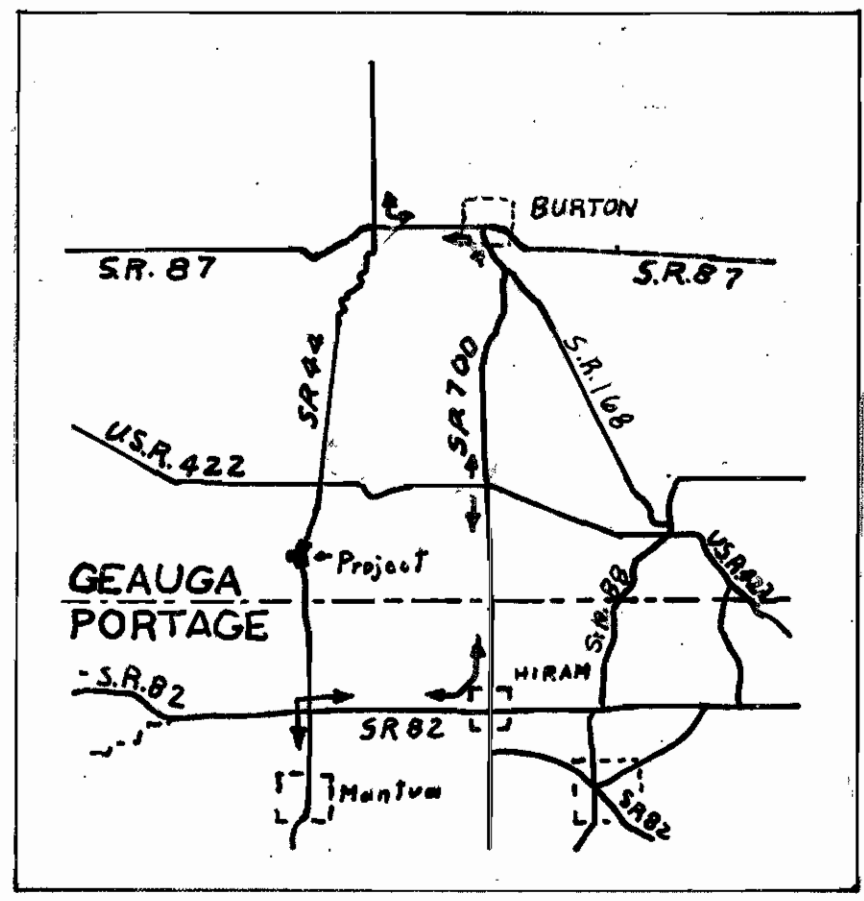
40

MAR 29 1962  
GROUND PHOTOGRAPH

GEAUGA COUNTY  
GEA - 44-1.02

# STATE OF OHIO DEPARTMENT OF HIGHWAYS

## GEA - 44 - 1.02 GEAUGA COUNTY AUBURN TOWNSHIP



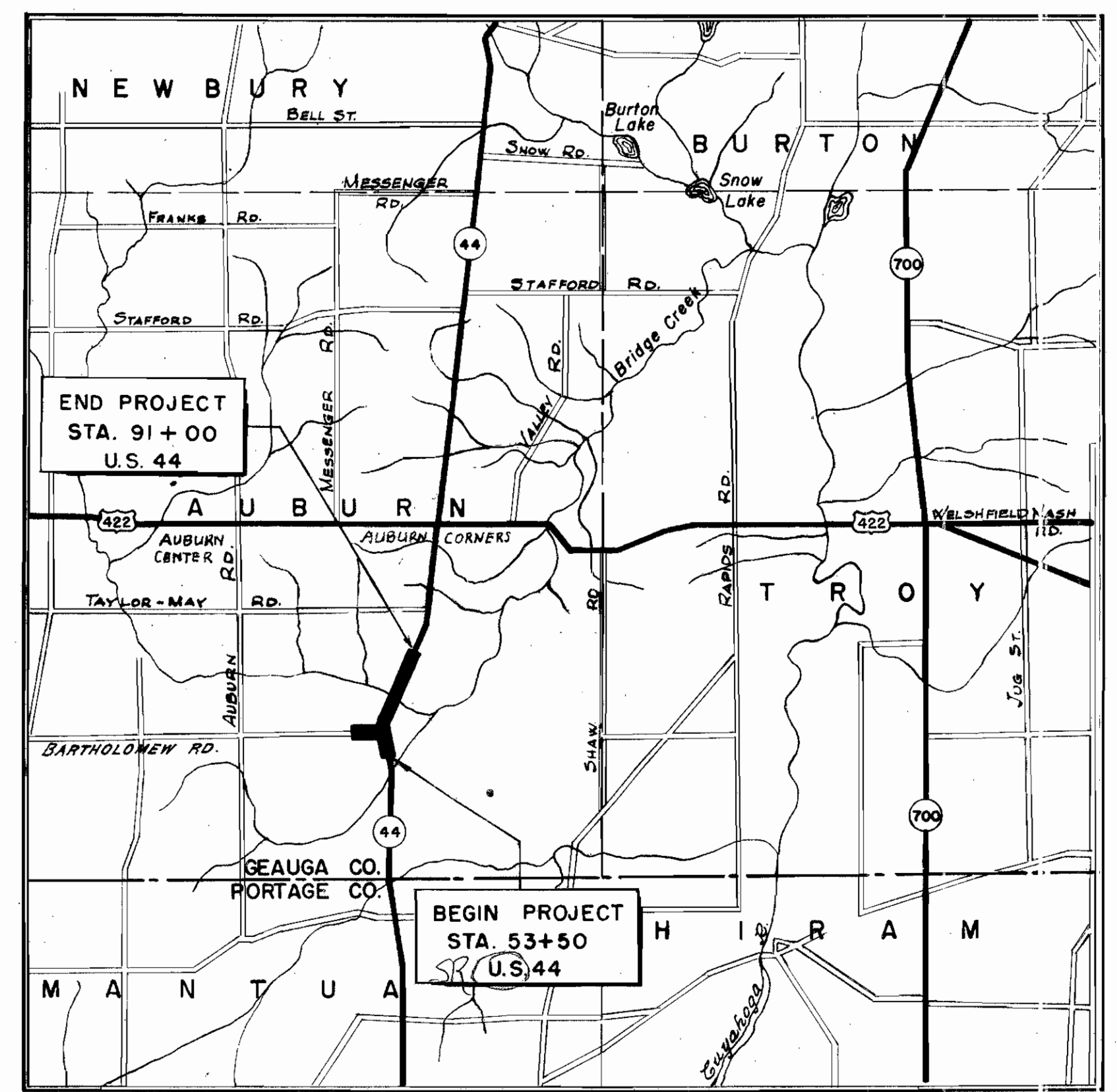
DETOUR  
CONVENTIONAL SIGNS

State Line	-----
County Line	-----
Township Line	-----
Section Line	-----
Center Line	-----
Corporation Line	-----
Fence Line	-----
Guard Rail (existing)	-----
Guard Rail (proposed)	-----
Steam Railroad	-----
Power Poles	⊕ ⊕ ⊕ ⊕
Telephone Poles	⊕ ⊕ ⊕ ⊕
Trees or Stumps (existing)	⊗ ⊗ ⊗ ⊗
Trees or Stumps (to be removed)	⊗ ⊗ ⊗ ⊗
Right of Way Fence	-----

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<b>S.R. 44</b>		<b>LINE DATA</b>	
BEGIN PROJECT	STA. 53+50.00		
END PROJECT	STA. 91+00.00		
GROSS LENGTH	3,750.00 Lin.Ft.		
EQUALITY		STA. 69+94.21 Bk.	
		= STA. 70+00.00 Ahd.	
DEDUCT FOR EQUALITY		5.79 Lin. Ft.	
NET LENGTH PROJECT		3,744.21 Lin. Ft. or 0.709 Miles	
<b>BARTHOLOMEW ROAD</b>			
BEGIN APPROACH	STA. 0+07.76		
END APPROACH	STA. 15+25.00		
NET LENGTH		1,532.76 Lin.Ft. or 0.290 Miles	
NET LENGTH OF WORK		5,276.97 Lin.Ft. or 0.999 Miles	



LOCATION MAP  
Delivery Point: Mantua, Ohio  
Erie R.R.  
Approx. 6 miles. average haul  
SCALE OF MILES

Portion to be improved	=====
State Roads	=====
Other Roads	=====
SCALES	
Plan	1" = 50'
Profile: Horizontal	1" = 50'
Profile: Vertical	1" = 10'
Cross Sections	1" = 10'

PLANS PREPARED BY:  
FARSONS, BRINCKERHOFF, HALL & MACDONALD  
ENGINEERS  
NEW YORK

*Alfred Hedgeman* Partner  
Date May 8, 1959

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

I hereby approve these plans and declare that the making of this improvement will require the closing of the highway to traffic except as noted on sheet 4 and that Detours will be provided as indicated on the plans.

- Approved *Wm B. Henry*  
Date 5-26-59 Division Deputy Director
- Approved *Lucy E. Neenan*  
Date 6-25-59 Deputy Director of Planning & Programming
- Approved *W. J. Brennan*  
Date 6-5-59 Engineer of Bridges
- Approved *W. J. Creman*  
Date 6-15-59 Engineer of Location & Design
- Approved *C. W. McLaughlin*  
Date 6-15-59 Deputy Director of Design & Construction
- Approved *Earl Berry*  
Date 6-25-59 First Assistant Director
- Approved *E. J. ...*  
Date 6-26-59 Director of Highways

Supplemental Prints of Standard Construction Drawings					
AS-1-54	12-1-54	I-15 No. 1	5-21-59	RI-1	7-15-58
		I-15 No. 2A	5-21-59	S-27-PC. 3	2-20-45
		L-1	4-1-50	S-27-PC. 4	1-4-54
		L-3	4-1-50	T-35	1-2-56
G-7.07	6-1-56	L-3A	4-1-50		
I-1, 2, 3, 4 & 5	4-24-58				

Supplemental Specifications	

File No.	GEAUGA COUNTY	GEA - 44-1.02
Date of Letting	1959	
Contract No.		

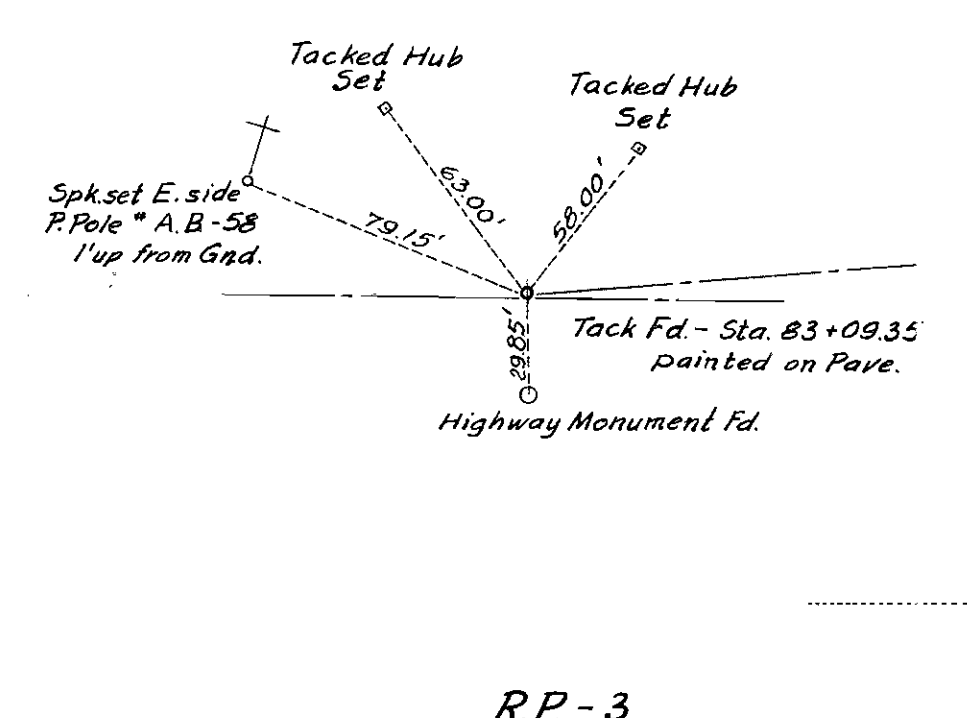
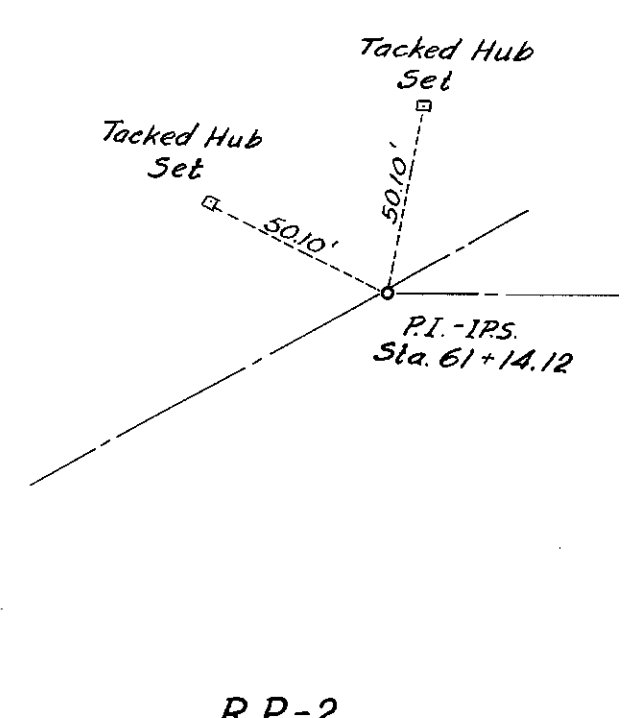
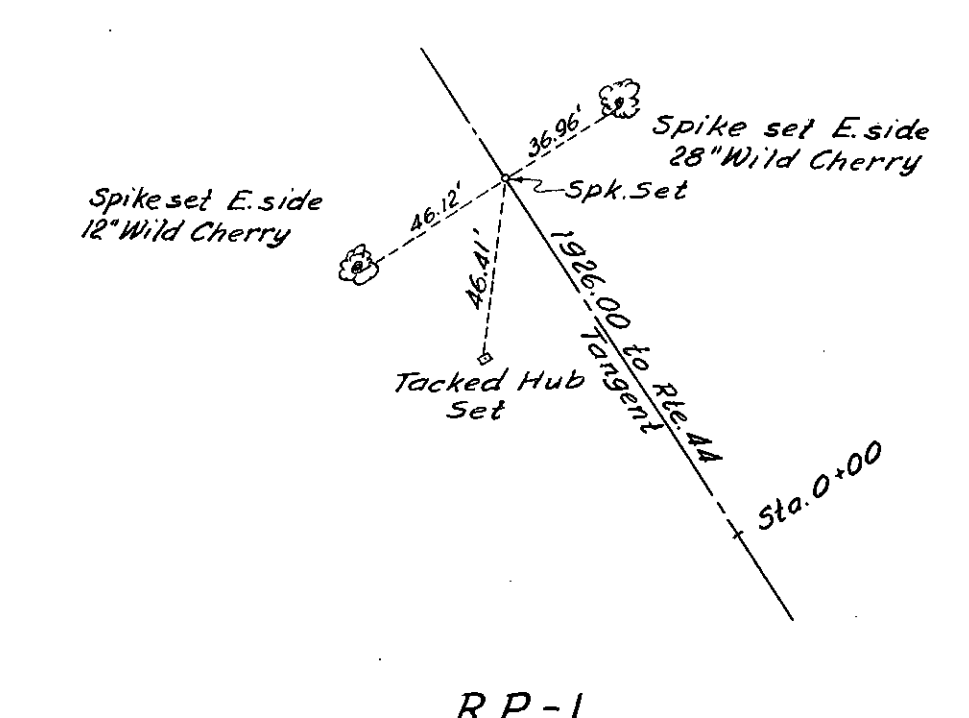
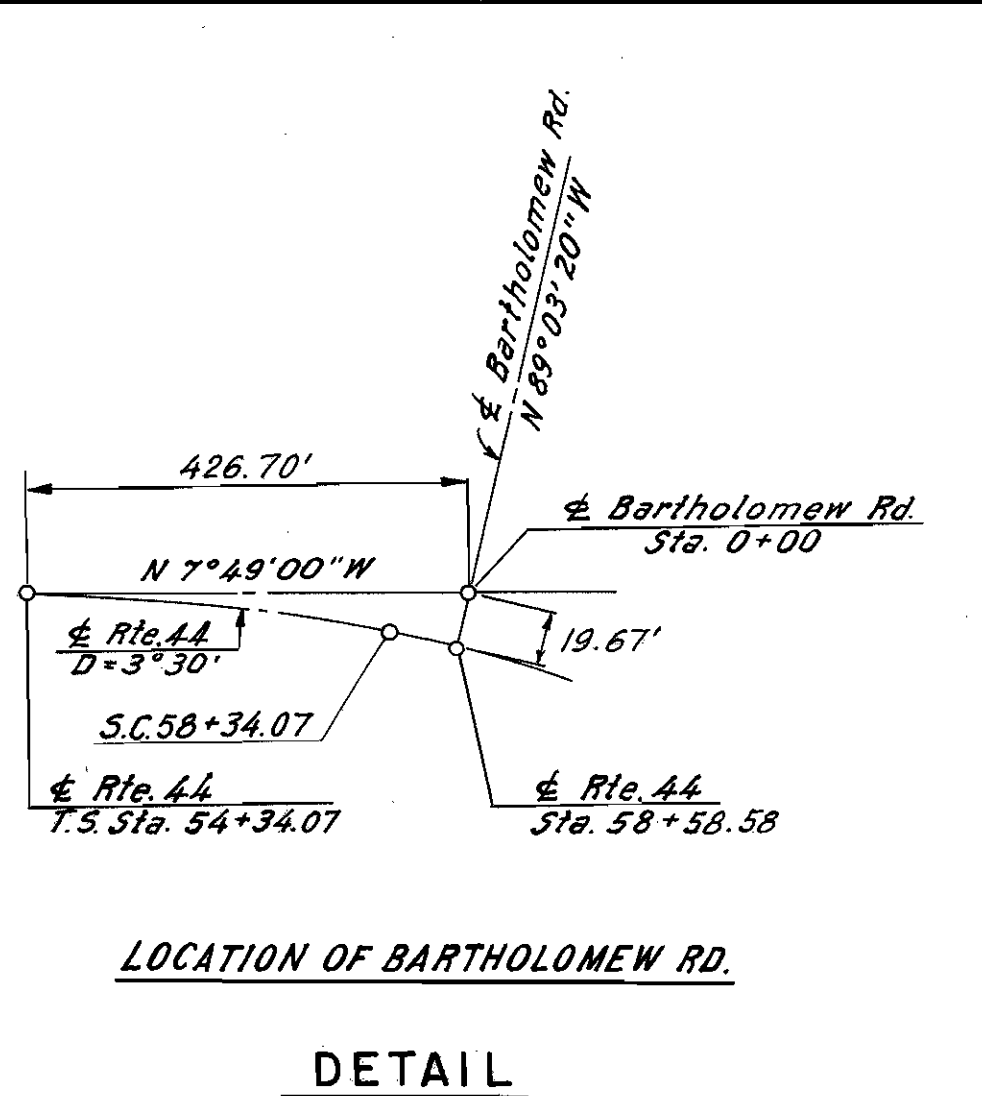
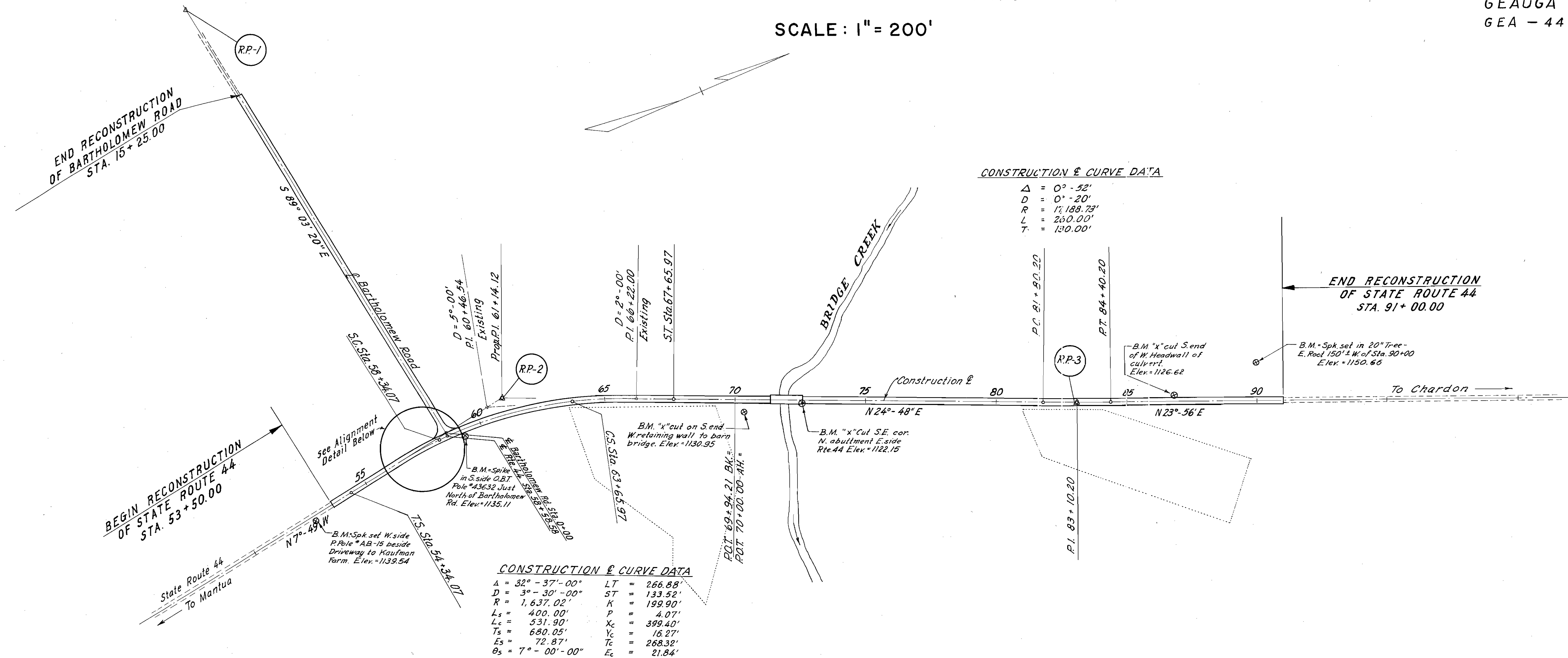
MAR 29 1962  
GROUND PHOTOGRAPH

148 948

# LOCATION PLAN

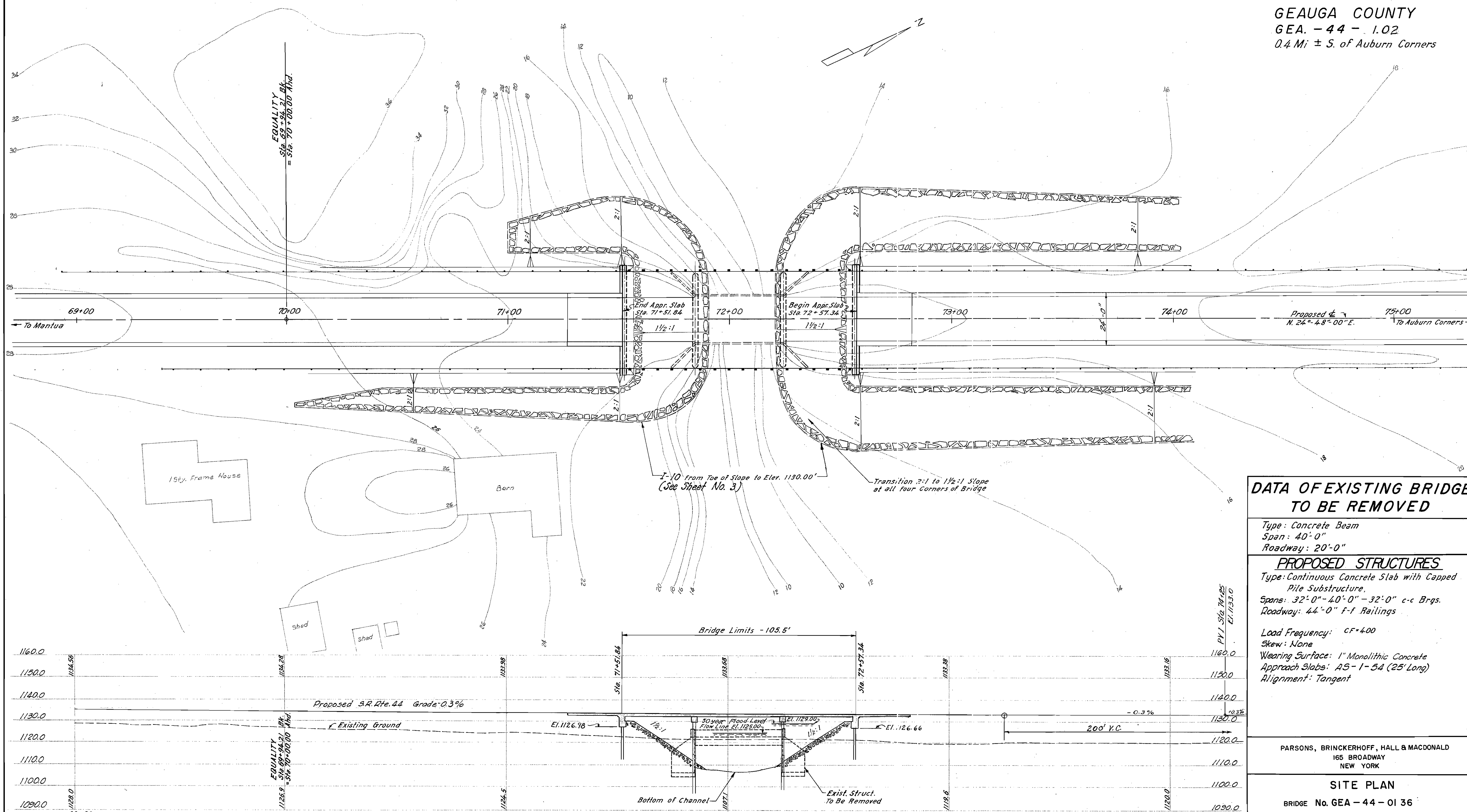
SCALE: 1" = 200'

GEAUGA COUNTY  
GEA - 44 - 1.02



..... Possible Borrow Area

**GEAUGA COUNTY**  
**GEA. - 44 - 1.02**  
 0.4 Mi ± S. of Auburn Corners



**DATA OF EXISTING BRIDGE TO BE REMOVED**

Type: Concrete Beam  
 Span: 40'-0"  
 Roadway: 20'-0"

**PROPOSED STRUCTURES**

Type: Continuous Concrete Slab with Capped Pile Substructure.  
 Spans: 32'-0" - 40'-0" - 32'-0" c-c Brgs.  
 Roadway: 44'-0" f-f Railings

Load Frequency: CF=400  
 Skew: None  
 Wearing Surface: 1" Monolithic Concrete  
 Approach Slabs: A5-1-54 (25' Long)  
 Alignment: Tangent

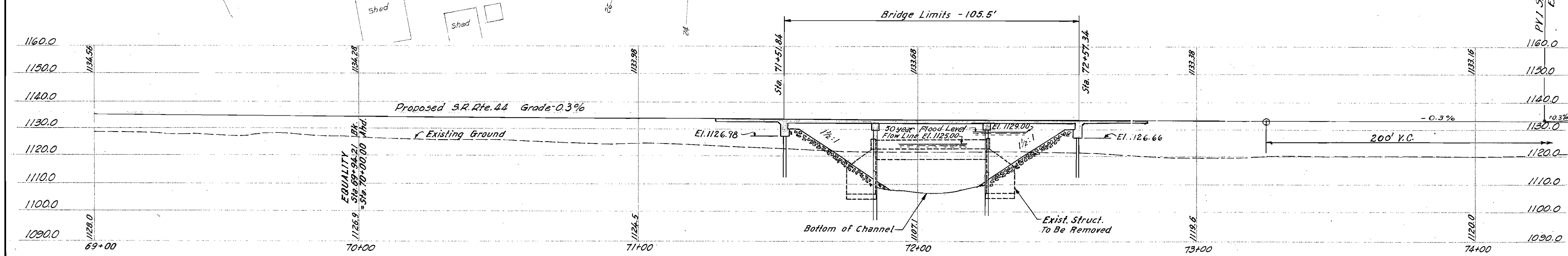
PARSONS, BRINCKERHOFF, HALL & MACDONALD  
 165 BROADWAY  
 NEW YORK

**SITE PLAN**

BRIDGE No. GEA - 44 - 01 36

OVER PROPOSED AKRON BRIDGE CREEK RESERVOIR  
 GEAUGA CO. S.R. 44  
 STA. 71 + 51.84  
 SCALE 1" = 20' TO 72 + 57.34

PRESENT TOPOGRAPHY		PROPOSED WORK			
SURVEYED	DRAWN	DESIGNED	DRAWN	CHECKED	REVIEWED
S.G.S. #5	E. D.	C.A.K.	M.A.	J. W.	



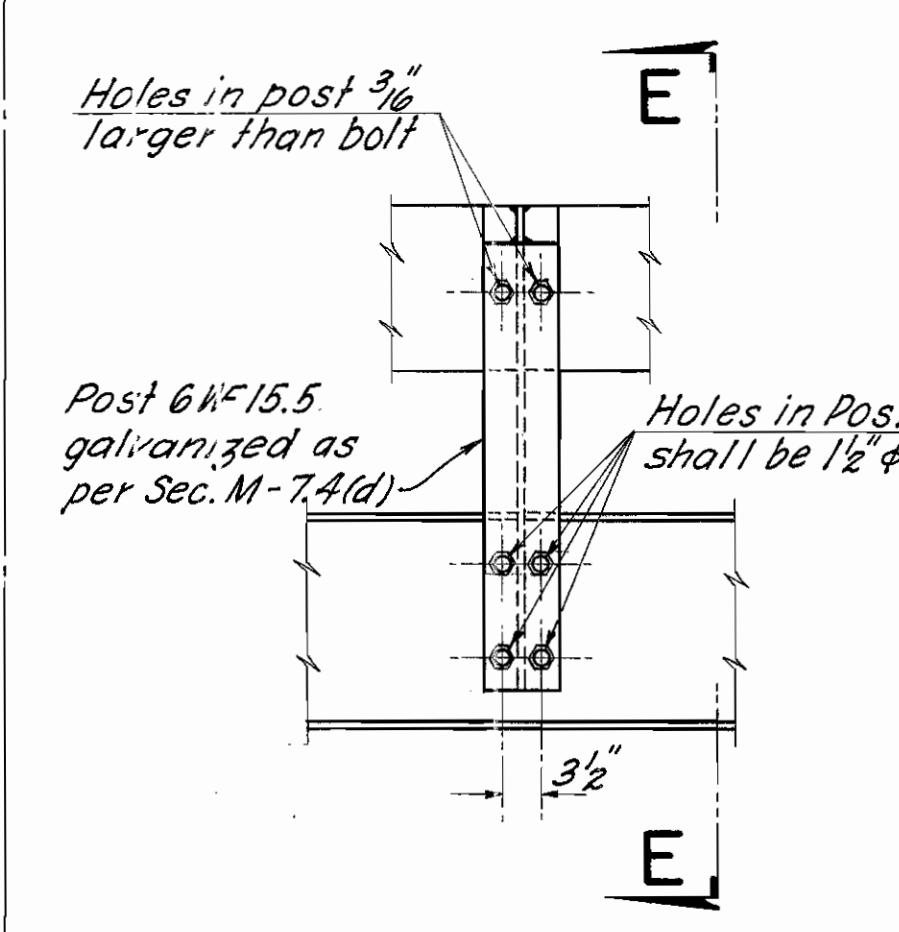
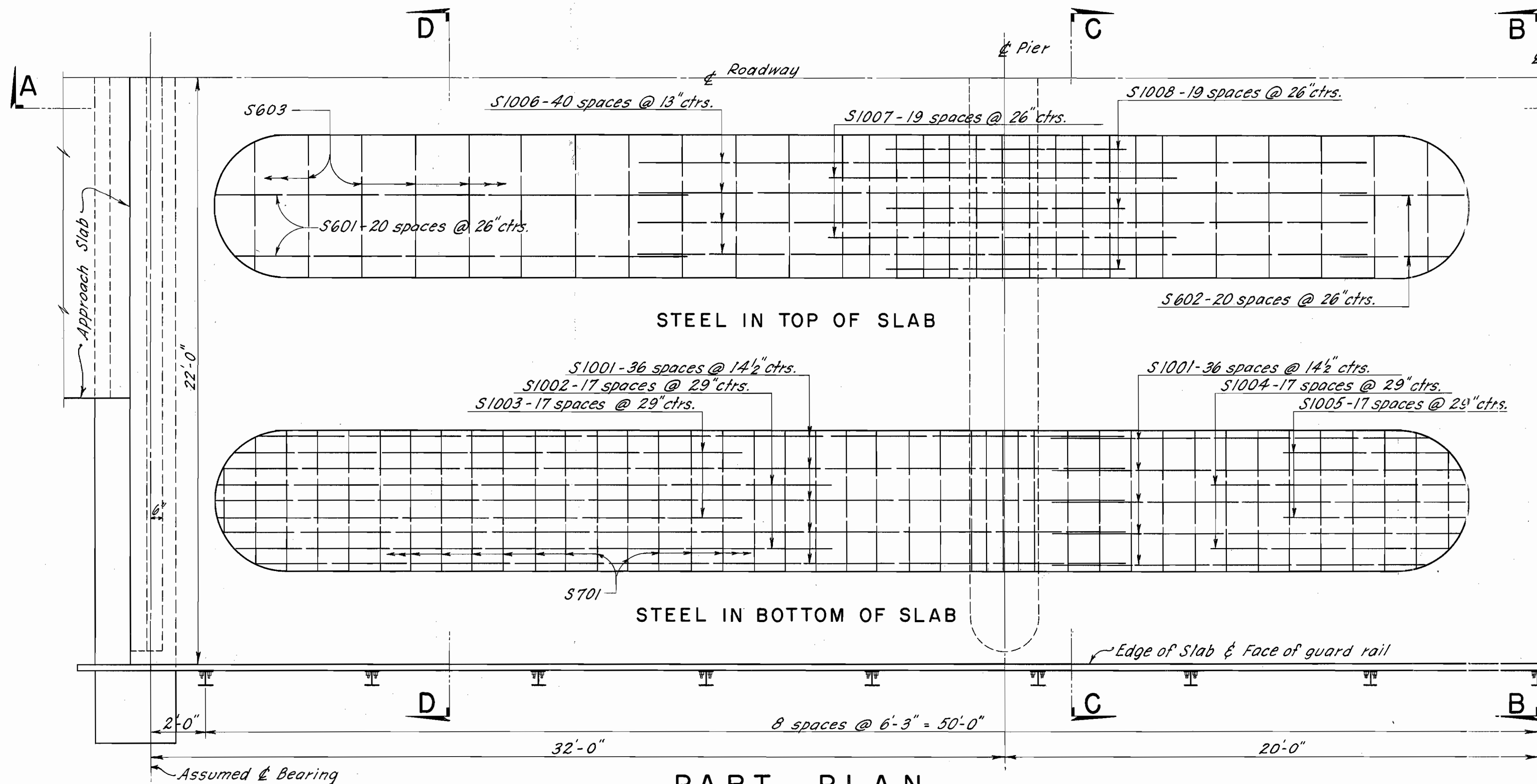
**FOUNDATION SOUNDINGS:** Foundation design and foundation quantities are based on a study of rod soundings and soil-sampling soundings made at the site. This sounding information may be inspected in the office of the Bureau of Water Supply, City of Akron.

14" Cast-in-place Concrete Piles in abutments.  
 16" Cast-in-place Concrete Piles in center piers.  
 The estimated average pile length

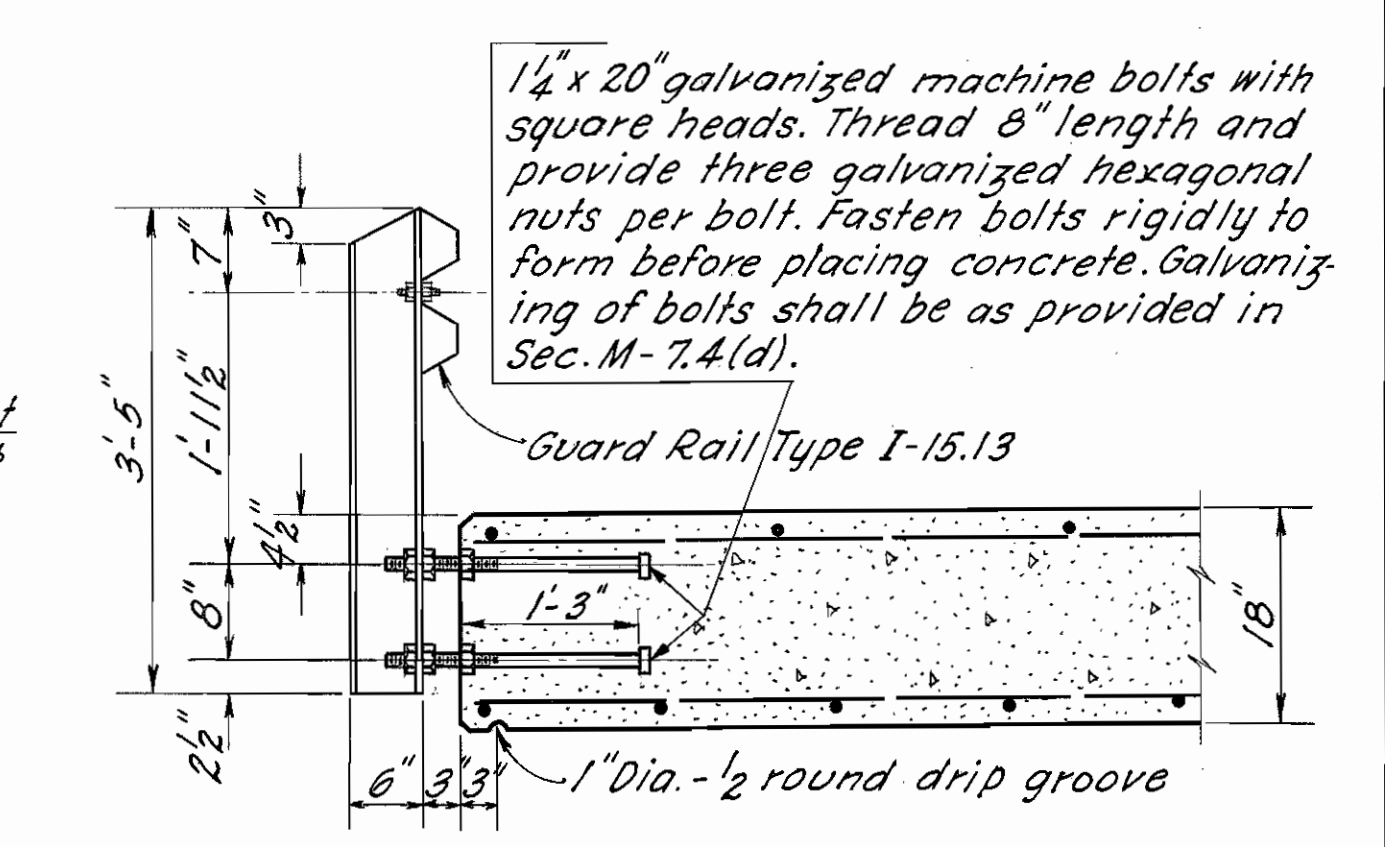
Abutments - 60'  
 Center Piers - 65'



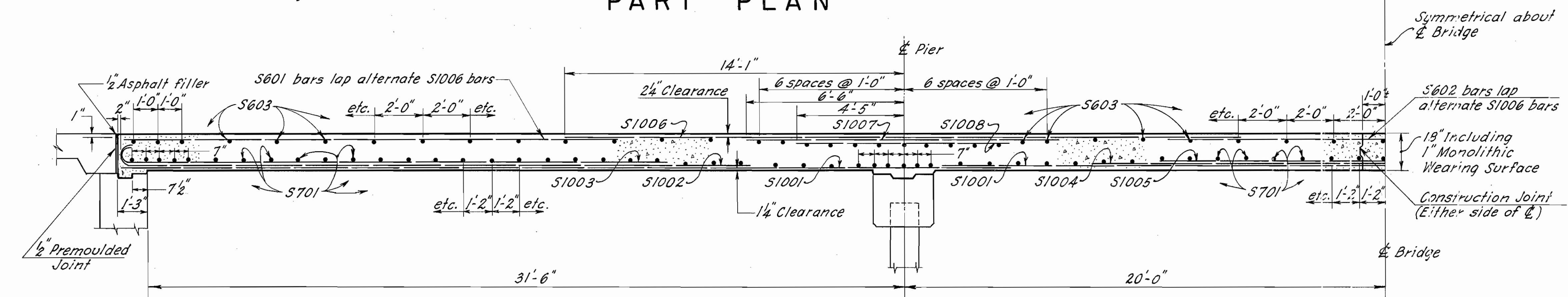
GEAUGA COUNTY  
 GEA. - 44 - 1.02  
 0.4 Mi. ± S. of Auburn Corners



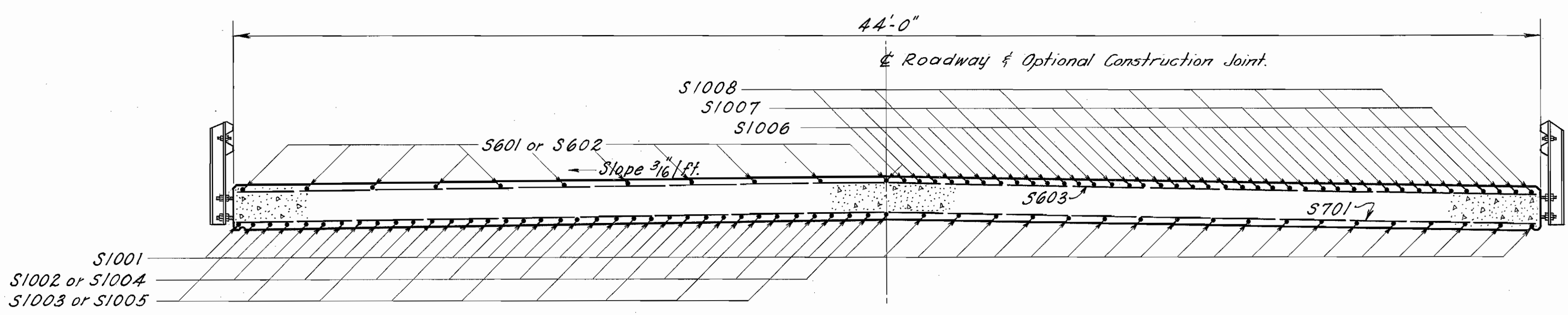
ELEVATION OF RAILING POST  
 SCALE: 3/4" = 1'-0"



SECTION E - E  
 SCALE: 3/4" = 1'-0"

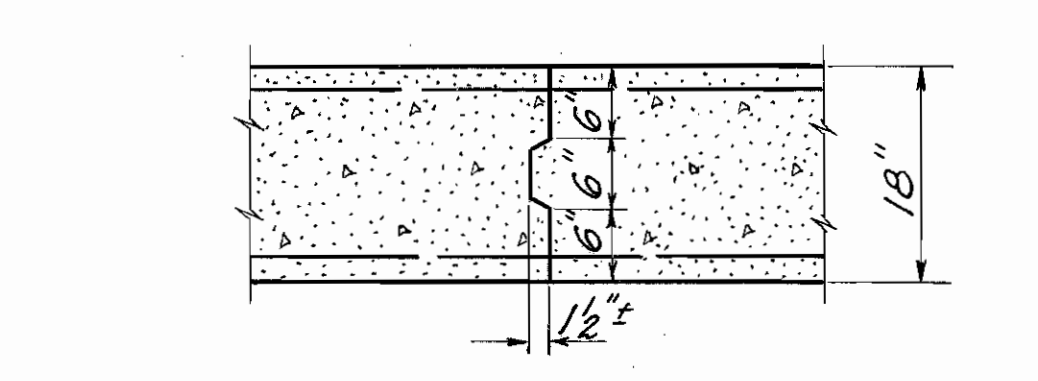


SECTION A - A



SECTION B - B and D - D

SECTION C - C



CONSTRUCTION JOINT  
 SCALE: 3/4" = 1'-0"

PARSONS, BRINCKERHOFF, HALL & MACDONALD 165 BROADWAY NEW YORK				
<b>SUPERSTRUCTURE DETAILS</b>				
BRIDGE NO. GEA - 44 - 01.36				
OVER PROPOSED AKRON BRIDGE GREEK RESERVOIR				
GEAUGA CO.				
		S. R. 44 STA. 71 + 51.84 TO 72 + 57.34		
		DATE: MAY 1959		
SCALE: 3/8" = 1'-0" UNLESS NOTED				
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED
DATE	DATE	DATE	DATE	DATE
JAJ	JAJ	JRF	JAW	
				5-26-59