

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS

FED. RD. DIST. NO.	STATE	PROJECT	FISCAL YEAR	12
10	OHIO		1940	1

S.H. 119      Sec. P(pt)  
SCIOTO      COUNTY

# WEST UNION PORTSMOUTH ROAD

S.H. 119      SEC. P(Pt)

## SCIOTO COUNTY

### CONVENTIONAL SIGNS

COUNTY LINE	-----
TOWNSHIP LINE	-----
CENTER LINE	-----
PIPE NEW	-----
OLD	-----
POLE LINE	/  /  /
FENCE LINE	-----
PROPERTY LINE	-----

### NILE TOWNSHIP

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 traffic will be maintained as provided by these plans and estimates.

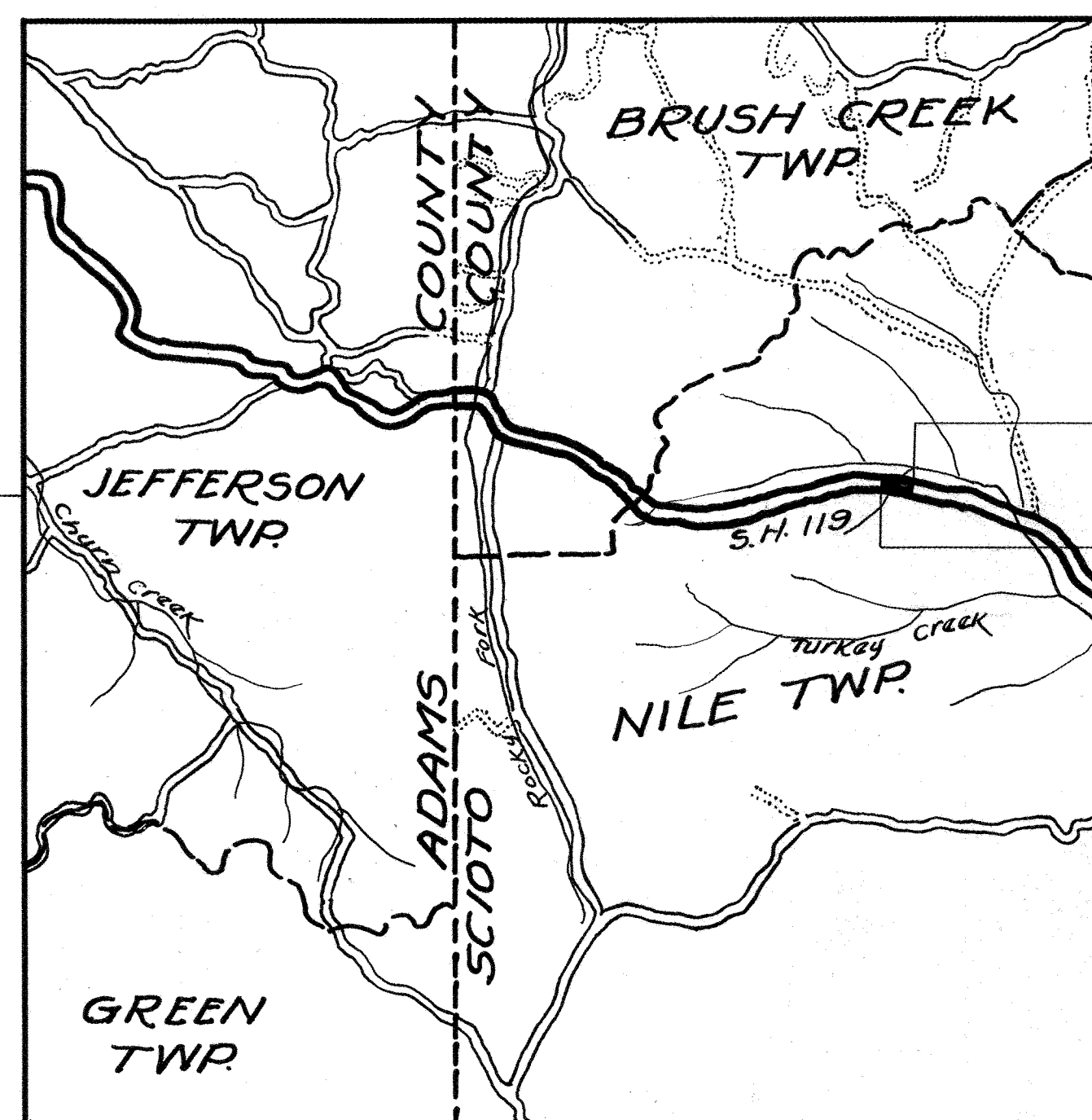
The Right of Way necessary for this improvement will be provided by the State of Ohio.

### INDEX OF SHEETS

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TYPICAL SECTION	2
PLAN PROFILE	3
CROSS SECTION	4-7
STRUCTURES	8-11
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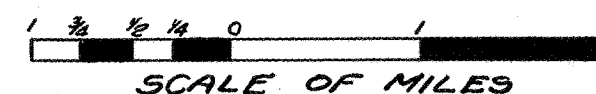
### LINE DATA

BEGIN PROJECT STATION	1+00	
END " "	8+00	
GROSS LENGTH OF PROJECT	700	LIN. FT.
NO ADDITIONS OR DEDUCTIONS		
NET LENGTH OF PROJECT	700	LIN. FT. or 0.132 MILE



End Project  
Sta. 8+00

Begin Project  
Sta. 1+00



### LOCATION MAP

PORTION TO BE IMPROVED	=====
STATE HIGHWAYS	=====
OTHER ROADS	-----
DELIVERY POINT	PORTSMOUTH, OHIO
AVERAGE HAUL	16 MILES

STANDARD CONSTRUCTION DRAWINGS  
AS-35 (Rev. 3-8-39)

### SCALES

TYPICAL SECTION	1" = 2'
PLAN	1" = 50'
PROFILE HORIZ.	1" = 50'
VERT.	1" = 5'
CROSS SECTIONS	1" = 5'

Approved Arthur B. Harwood P.E. 4152  
Date 9/29/39 Resident District Deputy Director

Approved Arthur Peake P.E. # 4246  
Date 9/26/39 Resident Division Deputy Director

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

Approved W. A. Lindman P.E. 2629  
Date 4/6/40 Chief Engineer, Bureau of Bridges

Approved W. B. Stone P.E. 25  
Date 4-11-40 Chief Engineer, Location & Right of Way

Approved W. B. Stone  
Date 4-15-40 Chief Engineer & First Assistant Director

Approved W. B. Stone  
Date 4-15-40 Director of Highways.

CONSTRUCTION  
BUREAU  
SEP 10 1956  
GROUND PHOTOLAB

File 307

File	Scioto 119	Sec. P(pt)
No	307	Date of Letting
Contract No		

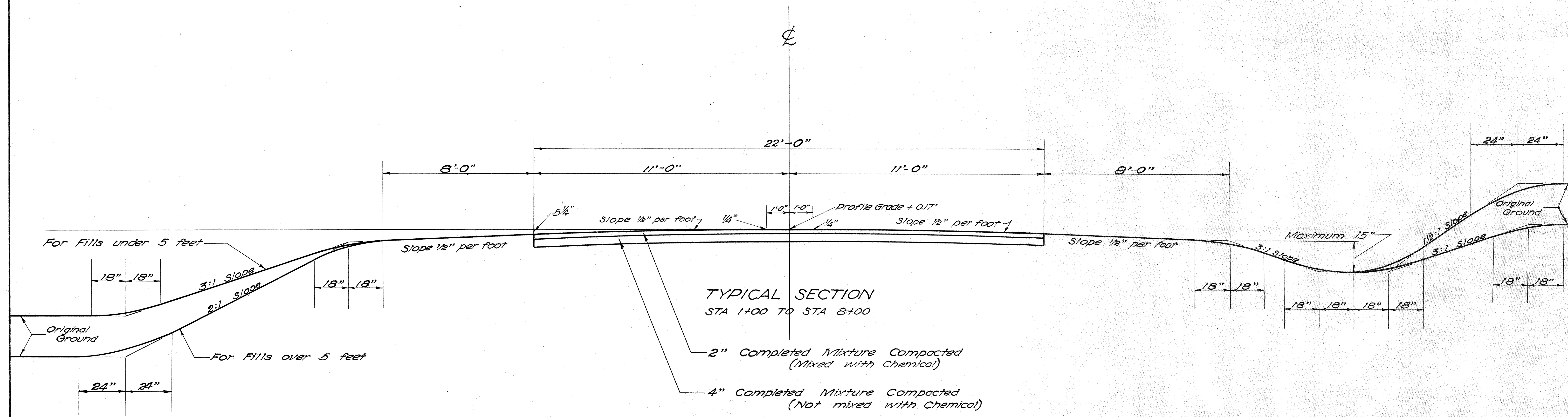


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SCIOTO COUNTY

# TYPICAL SECTION

## TYPE T-11



### NOTES

The pavement shall be laid in three 2" compacted layers, the upper layer to have an admixture and surface application of Chloride.

The cross sections and earthwork on this project were computed for a standard 2 1/2" crown. The adoption of a suitable crown for a stabilized surface, necessitates the raising of the center line grade 0.17' above the profile grade as shown on the plans.

*(Faint, illegible text)*

#### SUPERELEVATED CURVES

Superelevated curves shall be built without crown. The crown shall be worked out of the pavement in that portion between the beginning of the transition and the point where the superelevation equals twice the crown.

#### TRAFFIC

Traffic between Sta. 1+00 and Sta. 8+00 shall be maintained at all times. Contractor shall furnish all necessary watchmen, lights, signs and barricades.

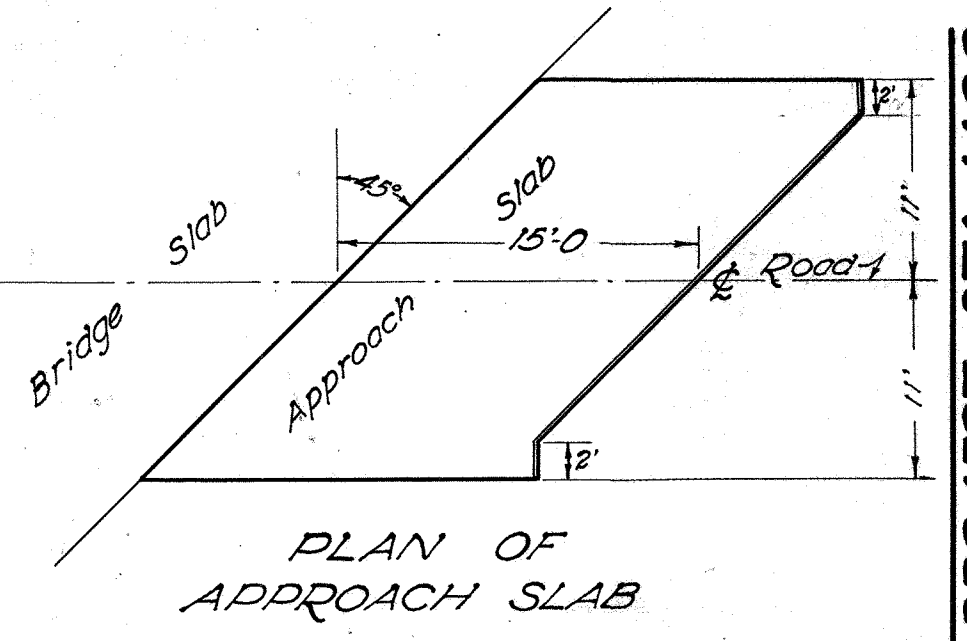


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CURVE DATA

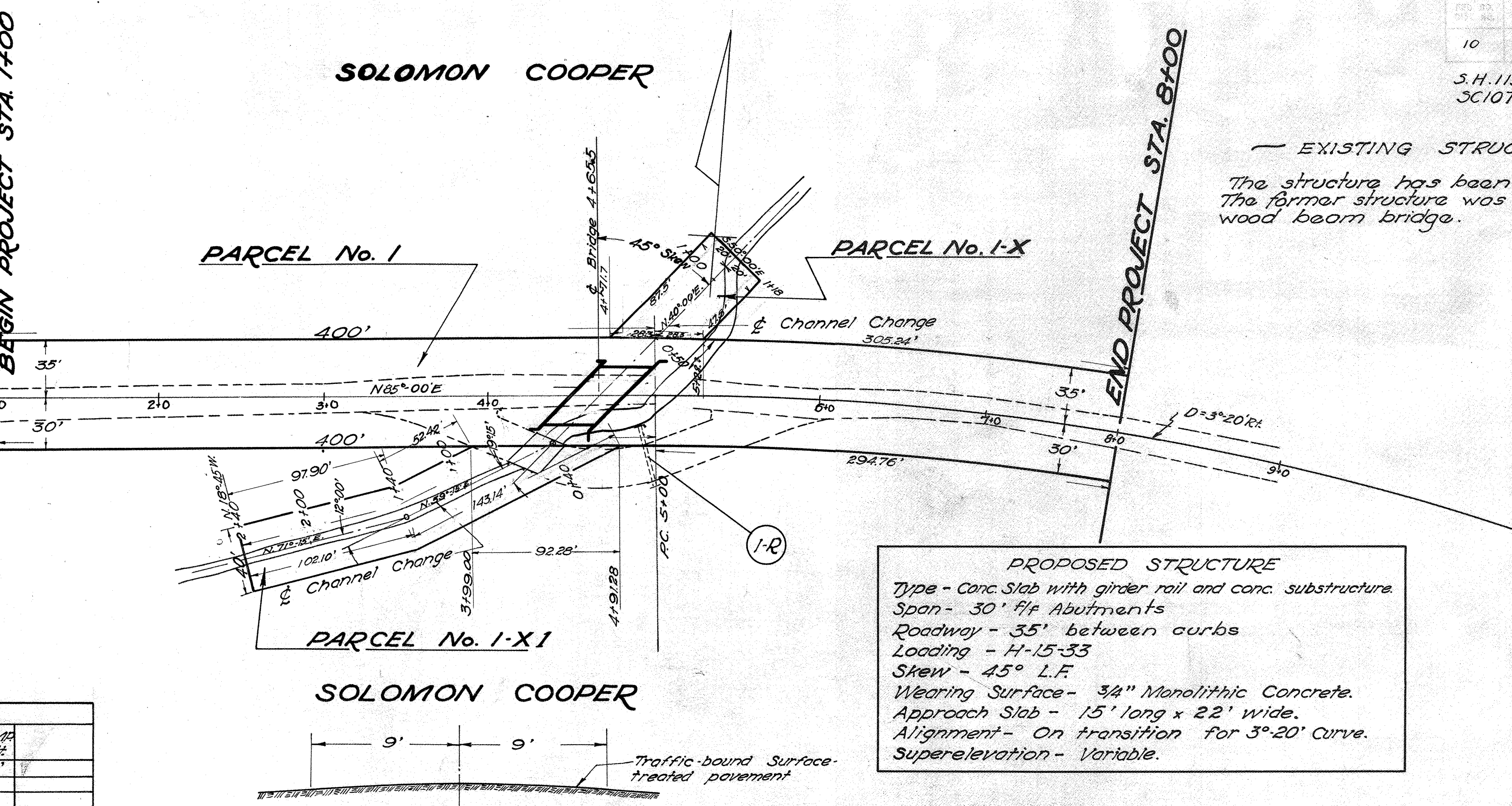
P.C. STATION 5+00		Dc = 3°-20' Rt		RIGHT	
+	Elev.	Width	Station	Grade	Width
.30	602.86	11'	3+50	602.75	602.56
.45	602.82		+65	602.56	602.37
.55	602.79		+75	602.43	602.24
.61	602.78		+80	602.36	602.17
.77	602.75		+95	602.17	601.98
.83	602.74		4+00	602.10	601.91
.94	602.72		+10	601.97	601.78
1.10	602.69		+25	601.78	601.59
1.27	602.66		+40	601.58	601.39
1.35	602.61		+50	601.45	601.26
1.39	602.59		+55	601.39	601.20
1.50	602.50		+70	601.19	601.00
1.52	602.46		+75	601.13	600.94
1.58	602.39		+85	601.00	600.81
1.61	602.22		5+00	600.80	600.61
	601.90		+25	600.48	600.29
	601.57		+50	600.15	599.96
	601.25		+75	599.83	599.64
	600.92		6+00	599.50	599.31
	600.57		+25	599.15	598.96
1.61	600.17		+50	598.75	598.56
1.58	599.88		+65	598.49	598.30
1.52	599.63		+75	598.30	598.11
1.48	599.49		+80	598.20	598.01
1.32	599.03		+95	597.90	597.71
1.25	598.86		7+00	597.80	597.61
1.10	598.50		+10	597.59	597.40
.80	597.86		+25	597.25	597.06
.51	597.22		+40	596.90	596.71
.36	596.82		+50	596.65	596.46
.29	596.62		+55	596.52	596.33
.13	596.07		+70	596.13	595.94
.09	595.90		+75	596.00	595.81
.03	595.57		+85	595.73	595.54
.00	595.11	11'	8+00	595.30	595.11
.00	603.55	11'	2+75	603.74	603.55
.01	603.22		3+00	603.40	603.21
.12	603.00	11'	3+25	603.07	602.88

Temporary Run-off



PIPE REMOVAL

ITEM No.	STATION	Rt. or Lt. of	18" DIA. LIFT
1-R	4+96	RT.	36'

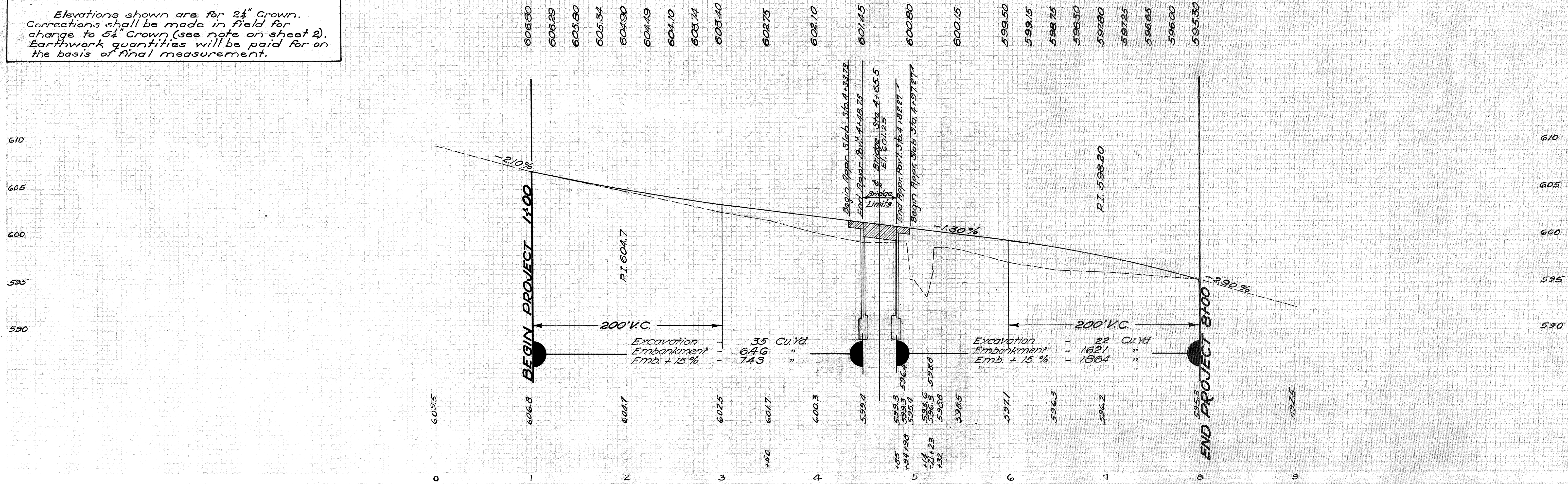


**PROPOSED STRUCTURE**  
 Type - Conc Slab with girder rail and conc. substructure.  
 Span - 30' ff Abutments  
 Roadway - 35' between curbs  
 Loading - H-15-33  
 Skew - 45° L.F.  
 Wearing Surface - 3/4" Monolithic Concrete.  
 Approach Slab - 15' long x 22' wide.  
 Alignment - On transition for 3°-20' Curve.  
 Superelevation - Variable.

EXISTING STRUCTURE  
 The structure has been destroyed. The former structure was 19' clear span wood beam bridge.

Section of Present Road at Ends of Project.

Elevations shown are for 2 1/4" Crown. Corrections shall be made in field for change to 5/8" Crown (see note on sheet 2). Earthwork quantities will be paid for on the basis of final measurement.





Excavation - 35 CU YD  
 Embankment - 64.6  
 EMB + 15% - 74.3  
 " " - 71.6

END AREA	CU YDS	CUT	FILL	CUT	FILL
		0	180	245	
		0	91	125	
		0	44	78	
		0	40	9	131
		5	31	26	67
		9	5		

BRIDGE

BEGIN PROJECT - STATION 1+00

4+48.73  
599.4

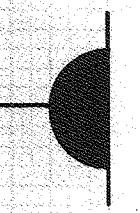
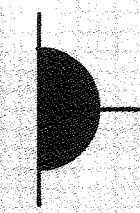
4+00  
600.3

3+50  
601.7

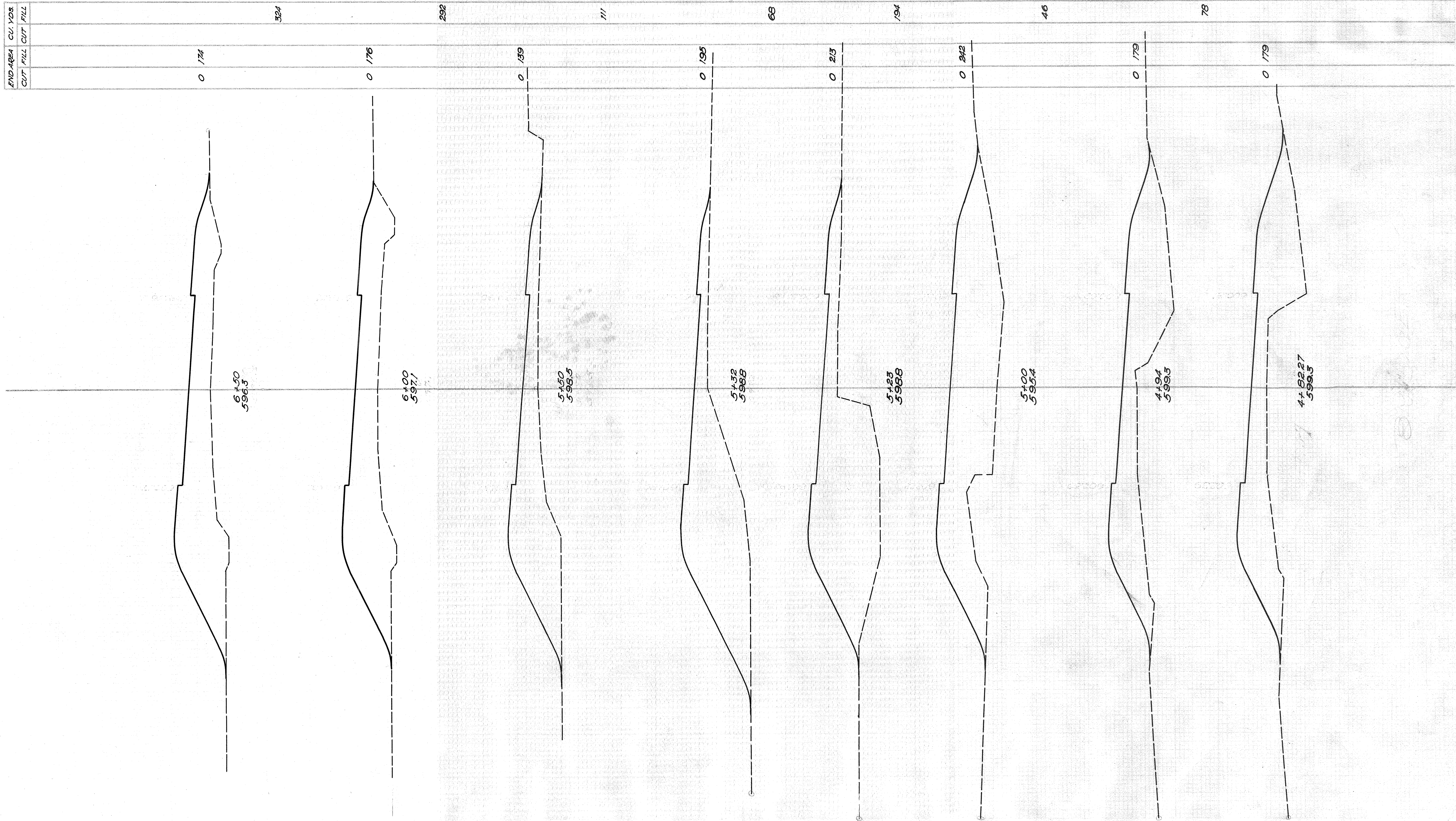
603.40  
5+00  
602.5

604.90  
2+00  
604.7

606.80  
1+00  
606.8





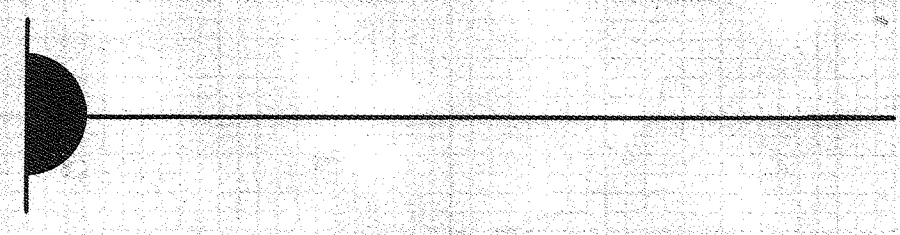


Excavation - 22 cu. yd.  
 Embankment - 1821  
 Emb. + 15% - 1864

END AREA	CU. YDS
CUT	FILL

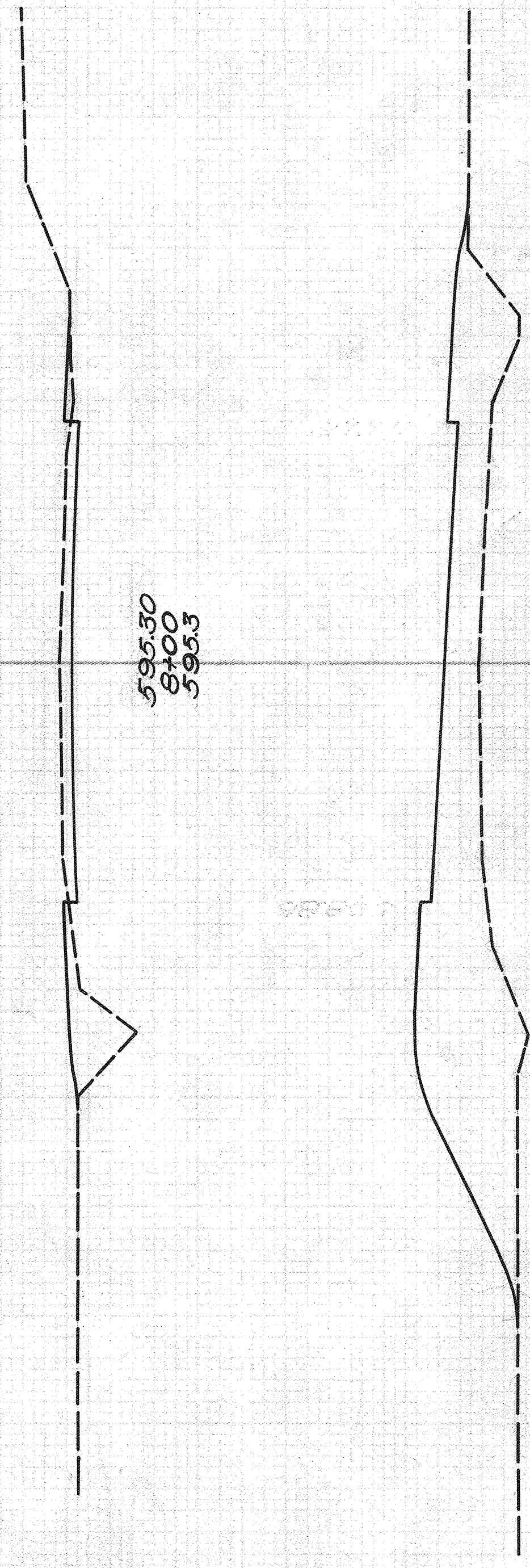


10 OHIO 1940 6  
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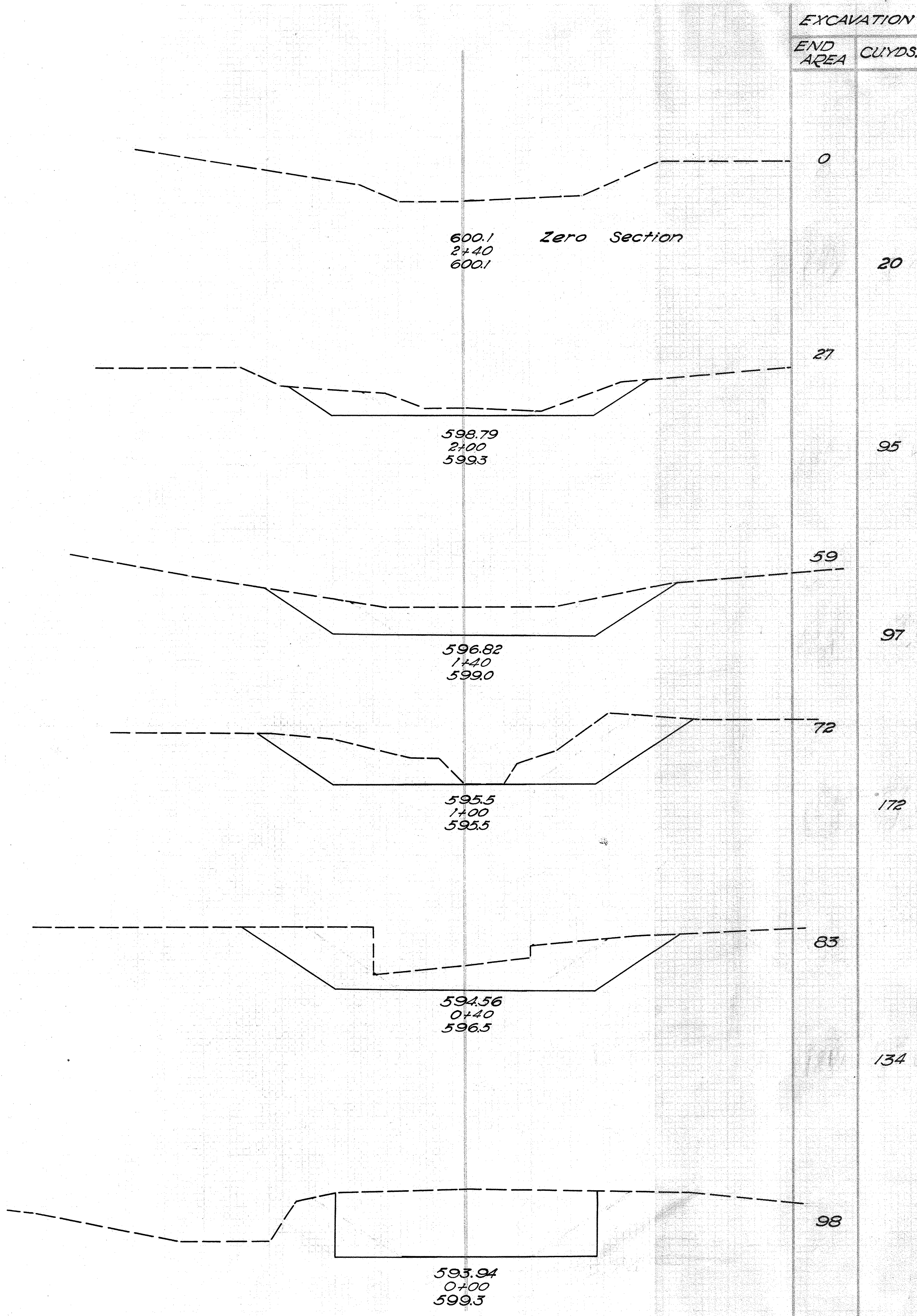
END AREA	CUT	FILL	CUT	FILL
	12	12		
			22	239
				269
	0	117		
	0	174		

END PROJECT - STA. 8+00

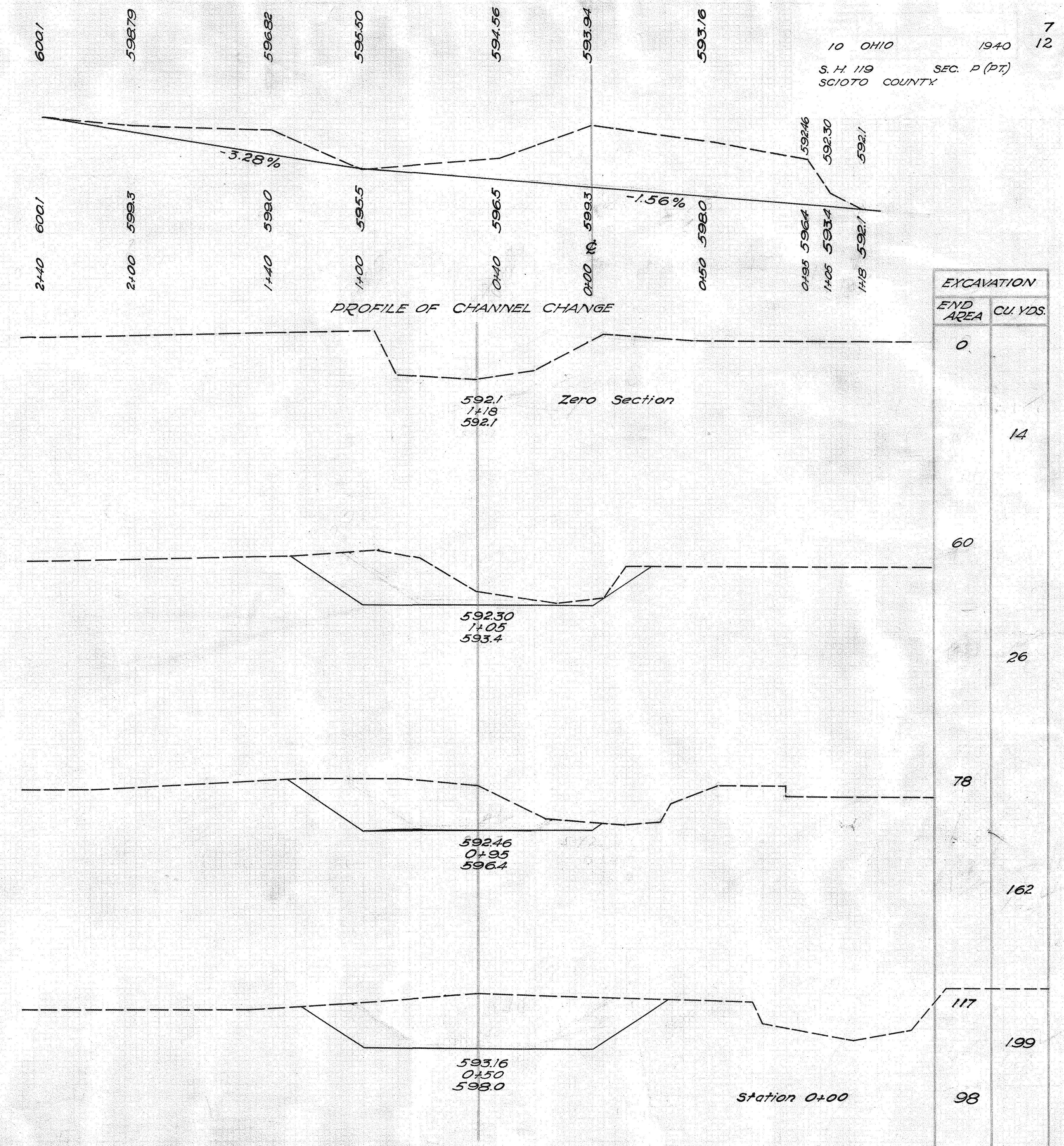


Station 6+50





SECTIONS SOUTH OF CENTER OF ROAD



SECTIONS NORTH OF CENTER OF ROAD

Total Channel Excavation = 919 C.Y.



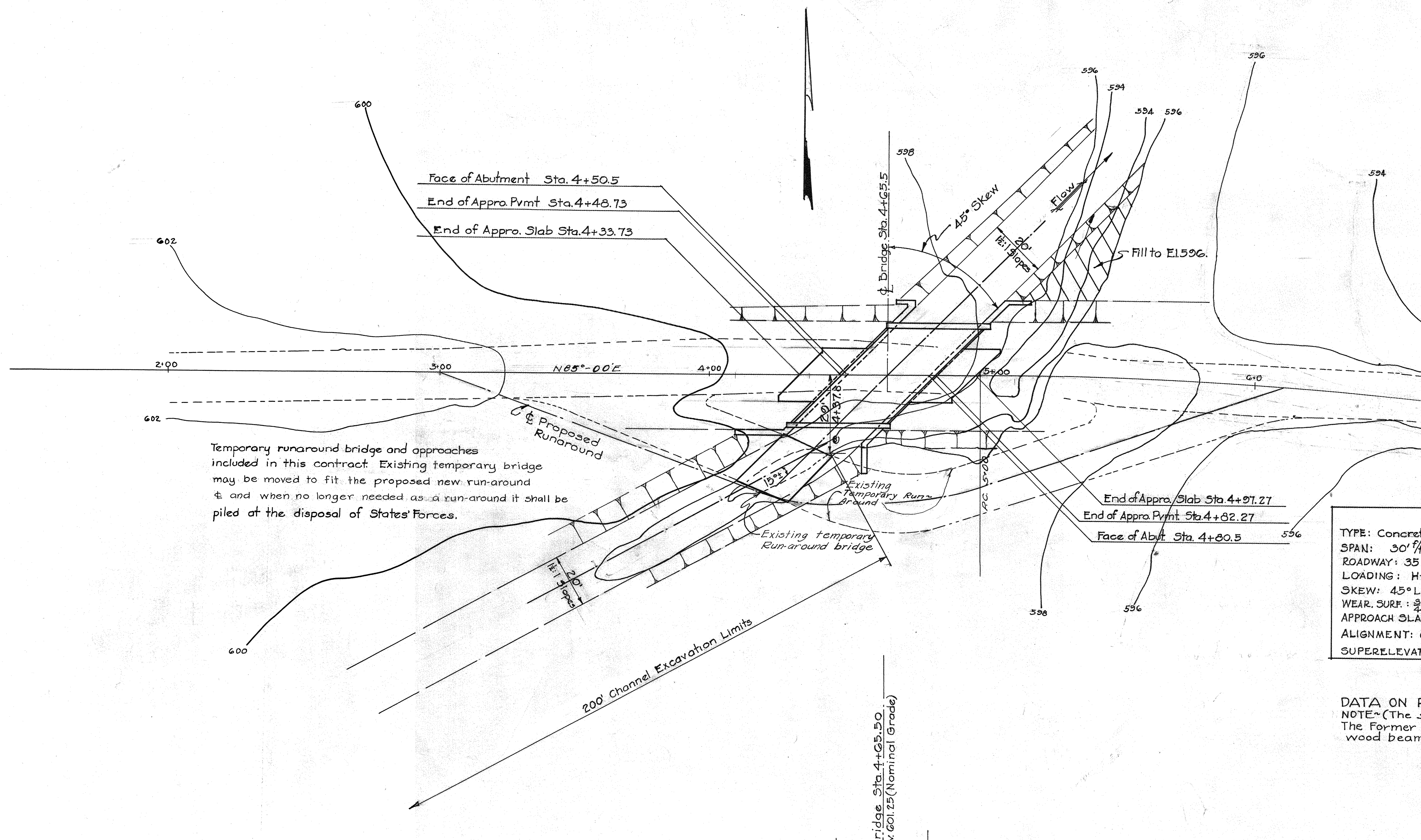
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SCIOTO COUNTY

8.35 Mi. W. Friendship (Jct. of U.S. 52)

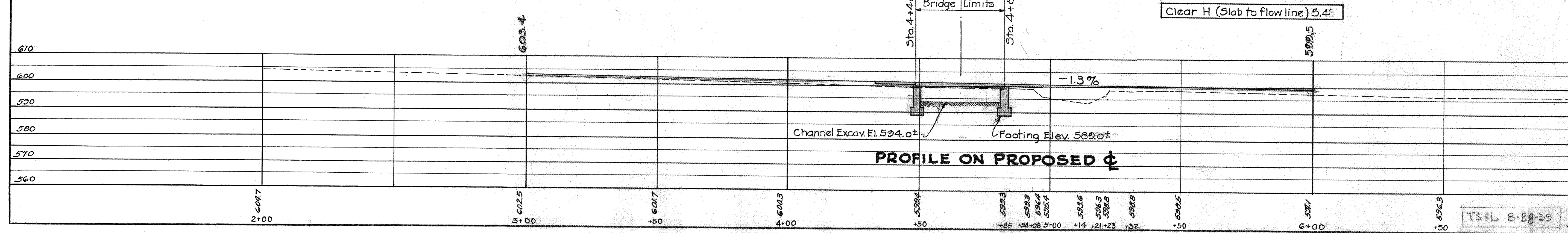


Temporary run-around bridge and approaches included in this contract. Existing temporary bridge may be moved to fit the proposed new run-around and when no longer needed as a run-around it shall be piled at the disposal of States' Forces.

**PROPOSED STRUCTURE**  
 TYPE: Concrete slab bridge with girder rail & conc. substr.  
 SPAN: 30' ft abutments  
 ROADWAY: 35' between curbs  
 LOADING: H-15-33  
 SKEW: 45° L.F.  
 WEAR. SURF: 3" Monolithic concrete.  
 APPROACH SLABS: 15' Long x 22' wide.  
 ALIGNMENT: On transition for 3° 20' curve.  
 SUPERELEVATION: Variable.

**DATA ON PRESENT STRUCTURE**  
 NOTE: (The structure has been destroyed. The former structure was 15' clear span wood beam bridge. 25.5' Rdway.

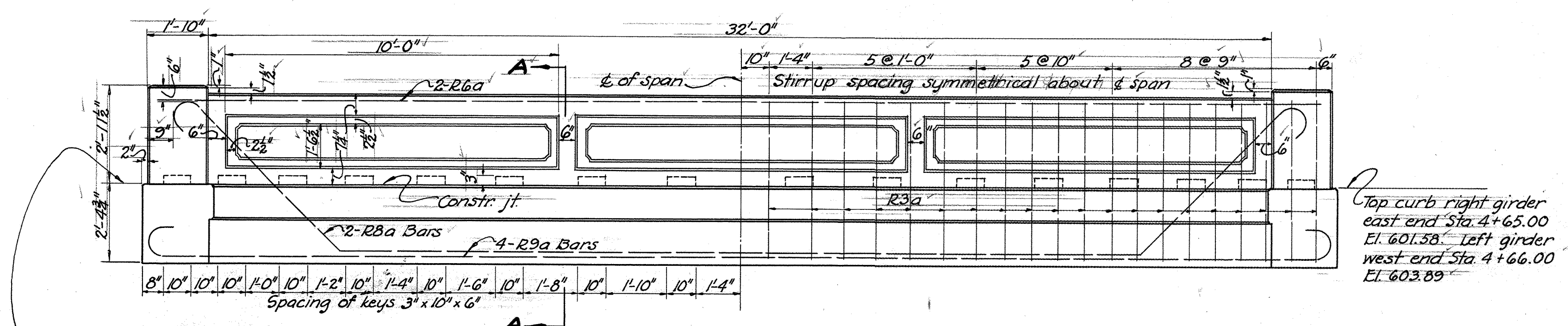
Appx. Part to be 22' WB Mac with 8' beams  
 8/17/40  
 End Appro. Earthwork Sta 4+47.67. Begin Appro. Earthwork Sta 4+33.33.



DRAINAGE AREA = 11.50 A.M.  
 SITE PLAN  
 BR. NO. SC-125-29  
 TURKEY CREEK  
 S.H. 119 SEC. P(PT)  
 SCIOTO COUNTY  
 STATE OF OHIO

SCALE 1" = 20' Sta. 4+65.5  
 PRESENT TOPO. PROPOSED  
 SUR. DRAWN DESIGNED DRAWN CHECKED REV.  
 T.S.L. 8-28-39  
 7-10-MMS L.J.U. L.J.L.K. C.N.G. 1/14/41

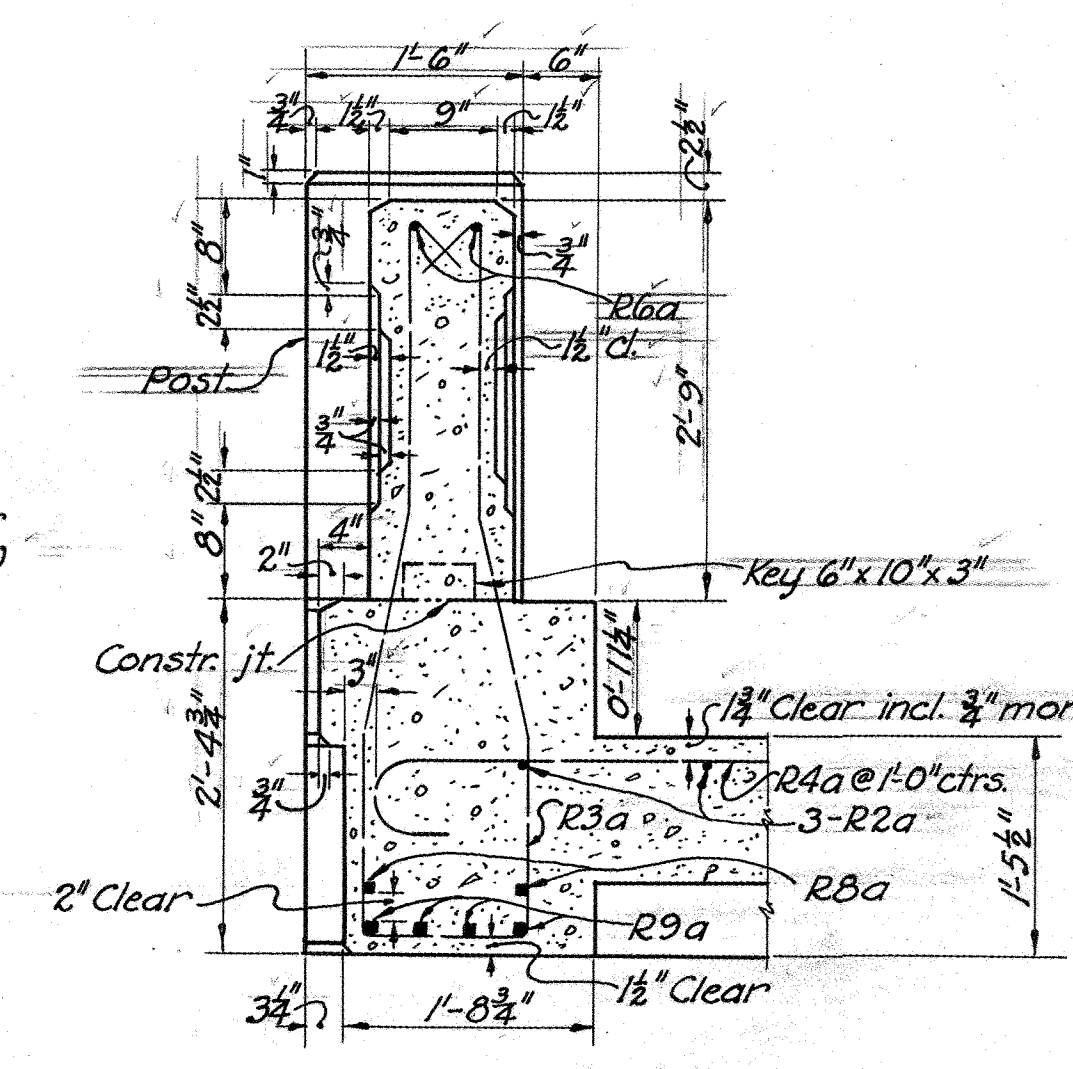




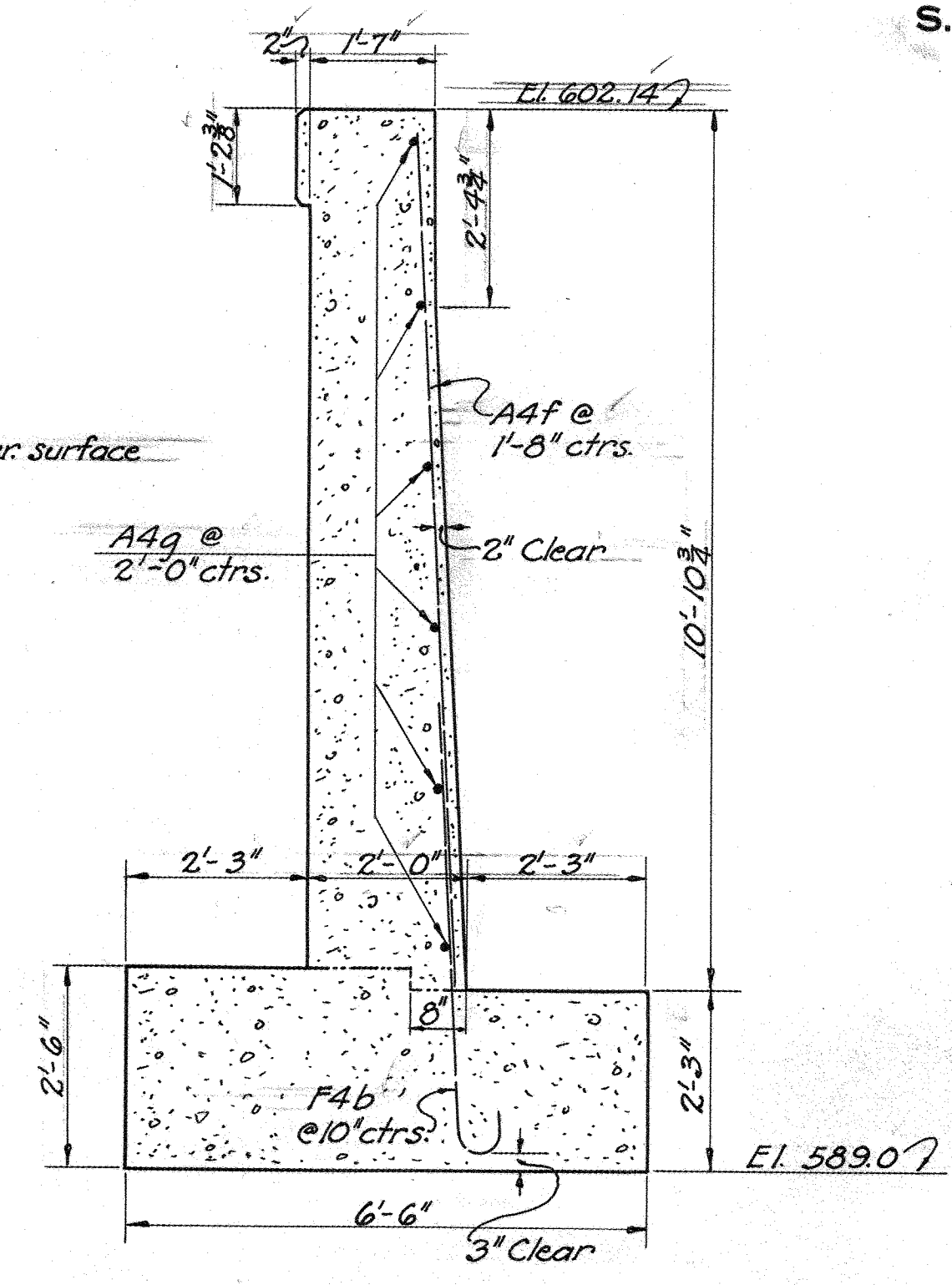
**ELEVATION OF GIRDER RAILING**

Top curb right girder west end Sta. 4+29.00 El. 602.14  
Left girder east end Sta. 5+02.00 El. 603.62

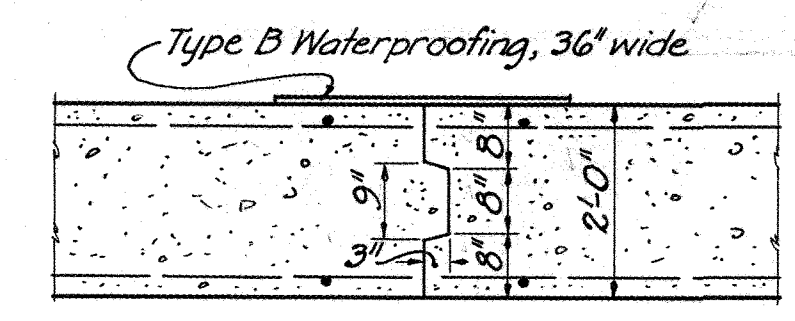
Top curb right girder east end Sta. 4+65.00 El. 601.38  
Left girder west end Sta. 4+66.00 El. 603.89



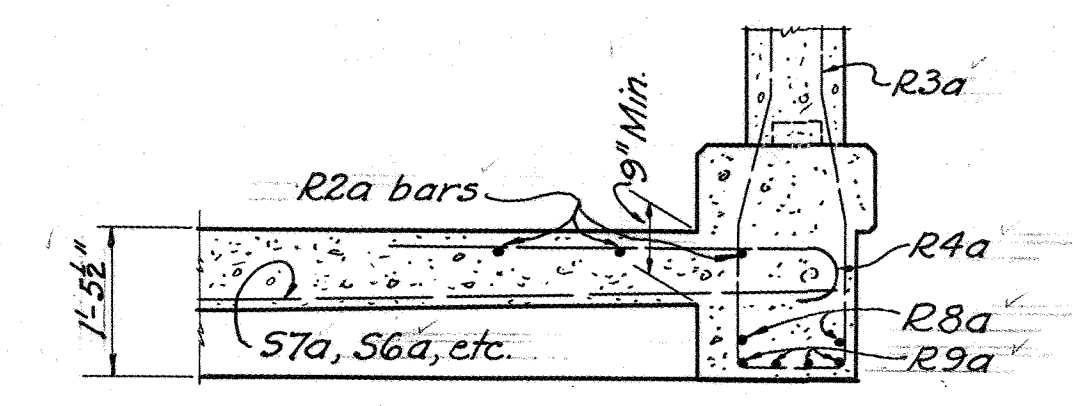
**SECTION A-A**



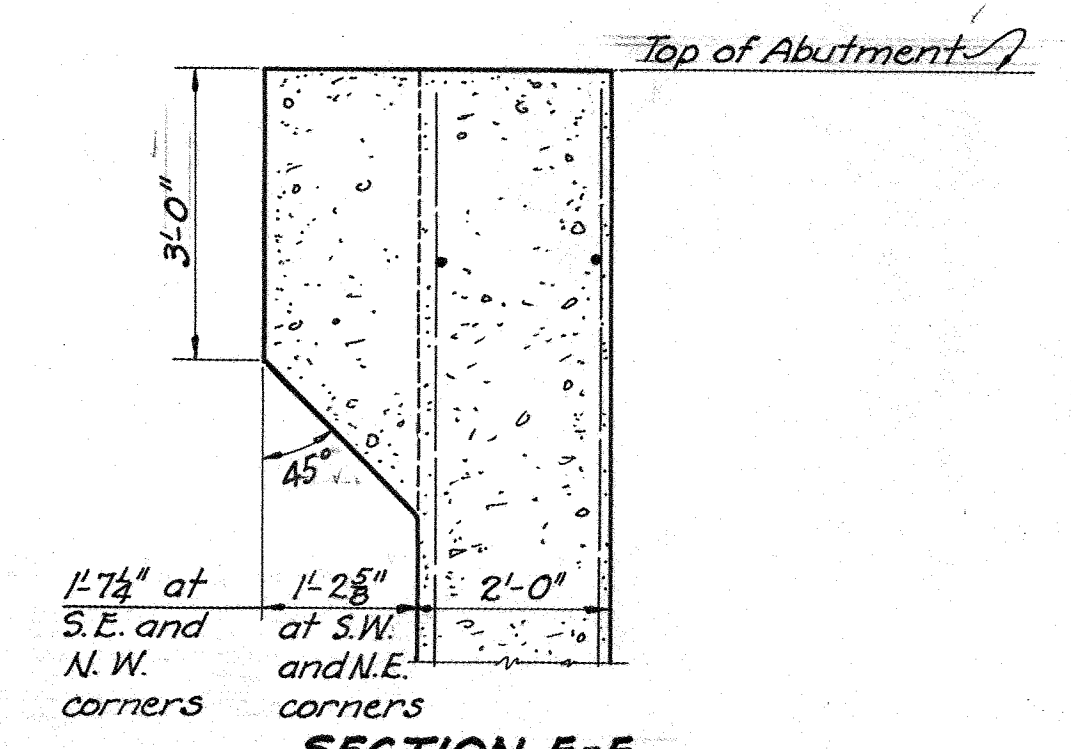
**WING SECTION B-B**



**PART SECTION C-C**  
SHOWING CONTRACTION JOINT IN ABUTMENT

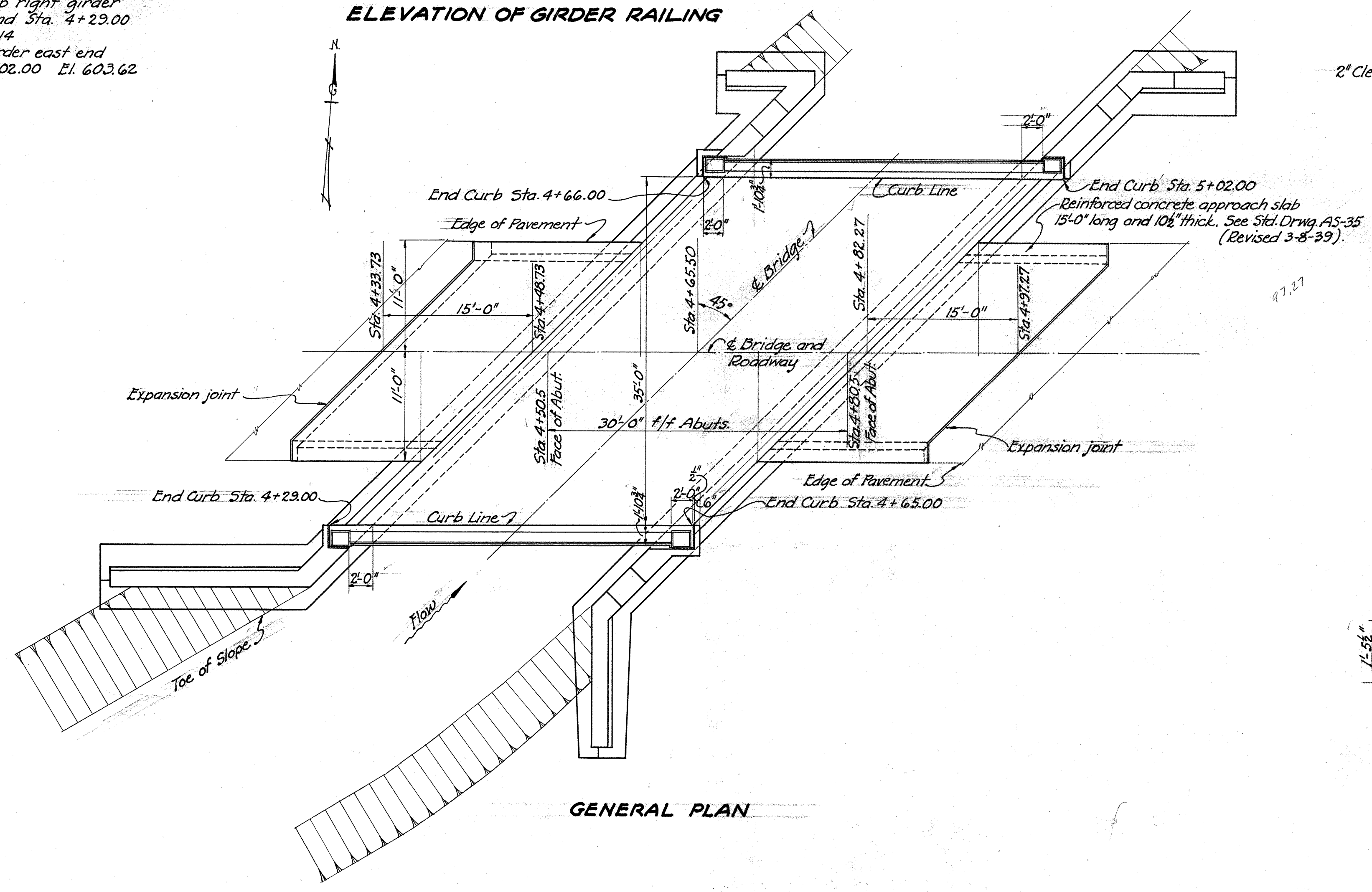


**SECTION D-D**  
Bottom of slab shall be sloped from 1-5/8" thickness, at point shown on plan, to a minimum of 9" at acute corners.

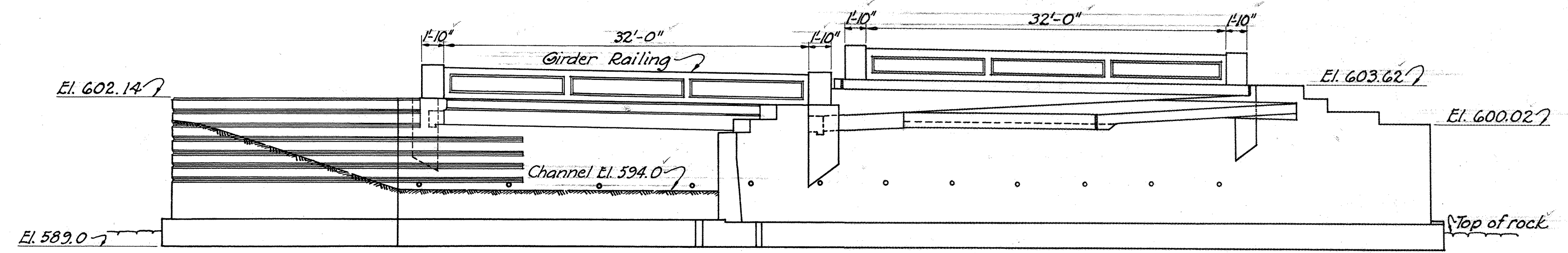


**SECTION E-E**  
SHOWING ABUTMENT PROJECTION AT END OF CURBS

Note: See Sheet No. 10 for location of sections B-B, C-C, D-D and E-E.



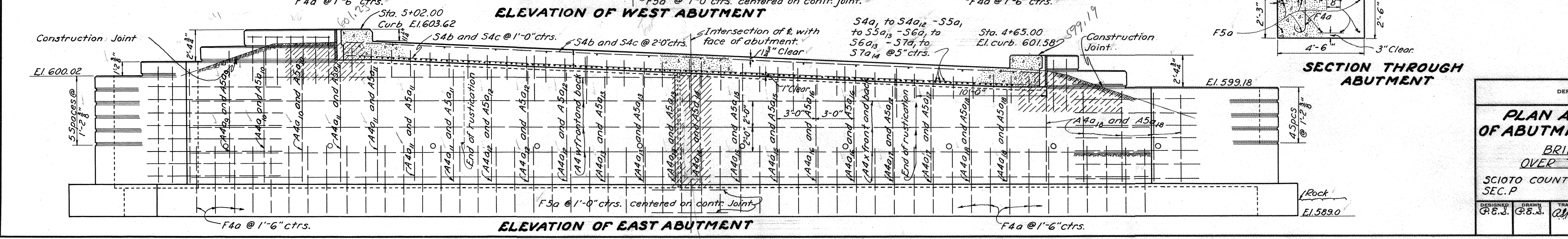
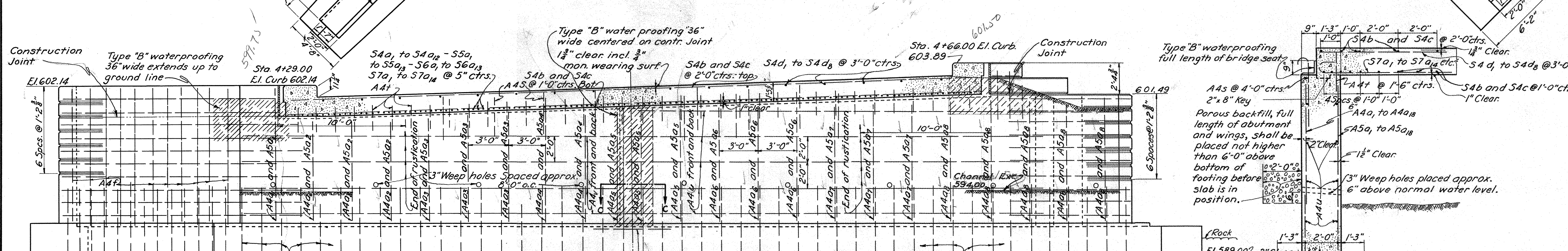
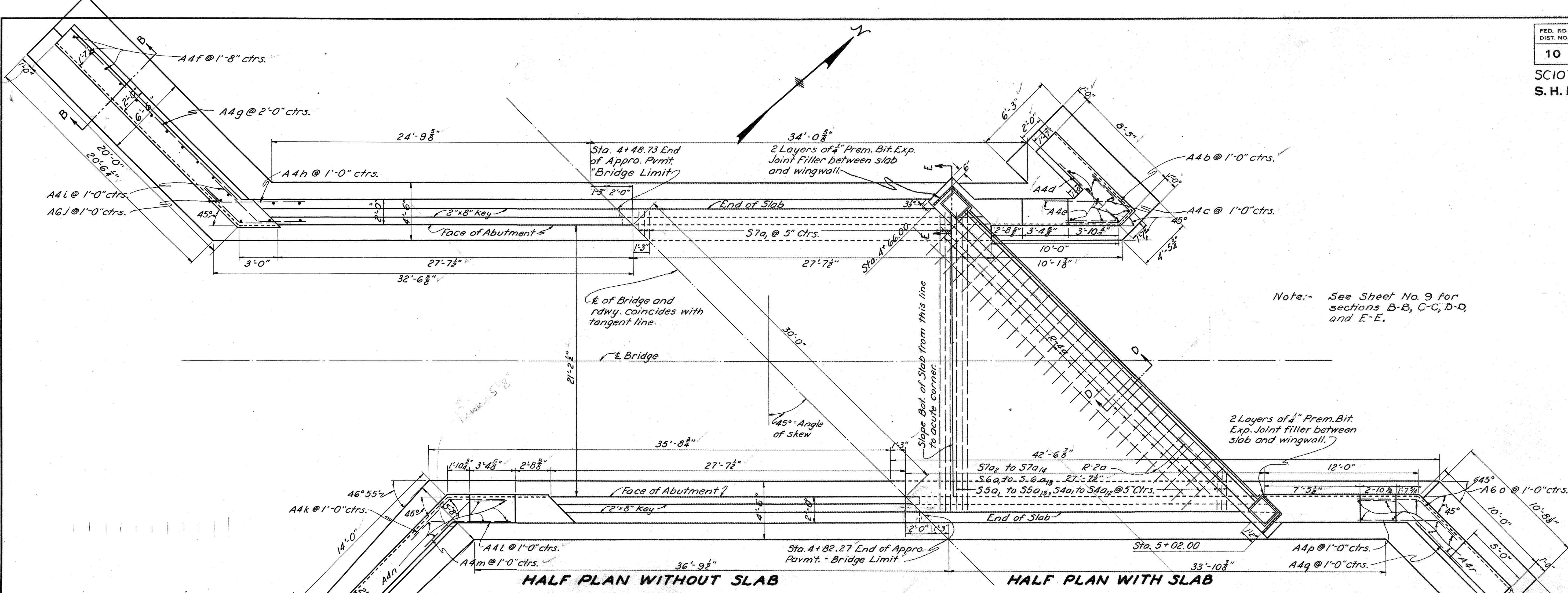
**GENERAL PLAN**



**GENERAL ELEVATION**

STATE OF OHIO DEPARTMENT OF HIGHWAYS BUREAU OF BRIDGES						
<b>GENERAL PLAN AND ELEVATION RAILING AND WING WALL DETAILS</b>						
BRIDGE NO. SC-125-29 OVER TURKEY CREEK						
SCIOTO COUNTY SECTION P						S. H. 119 STA. 4+65.50
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
P. E. S.	R. E. S.	J. E. R.	C. J. W.	B. H. O.	4/4/40	





SECTION THROUGH ABUTMENT

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
BUREAU OF BRIDGES

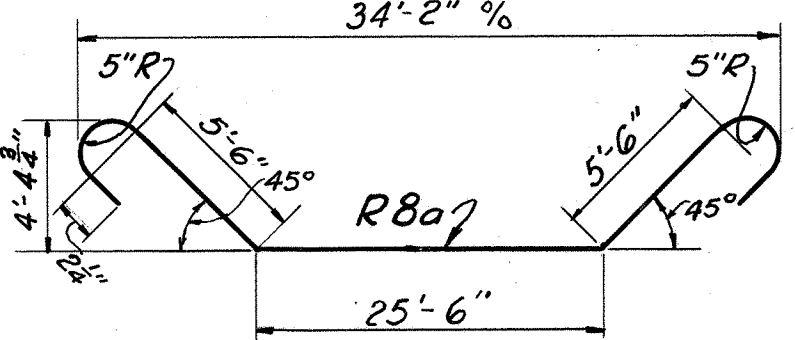
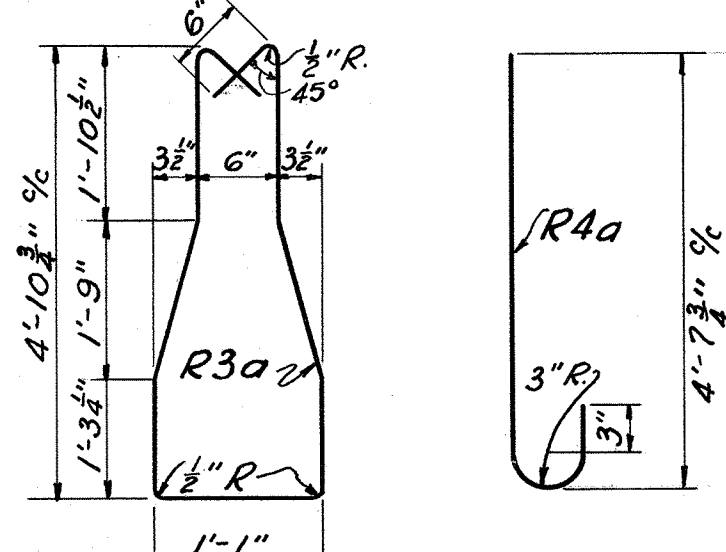
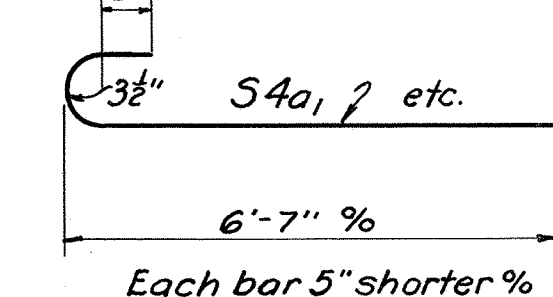
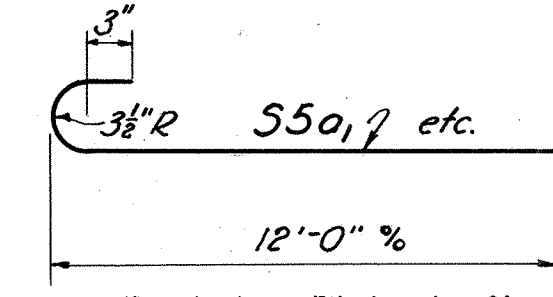
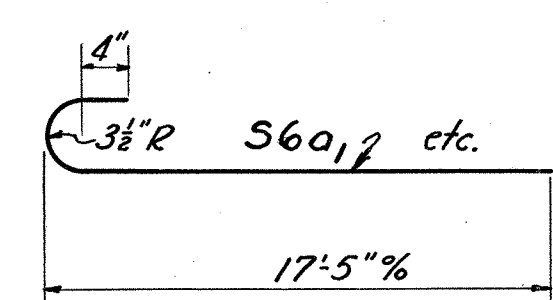
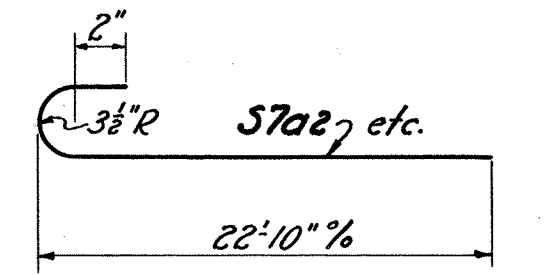
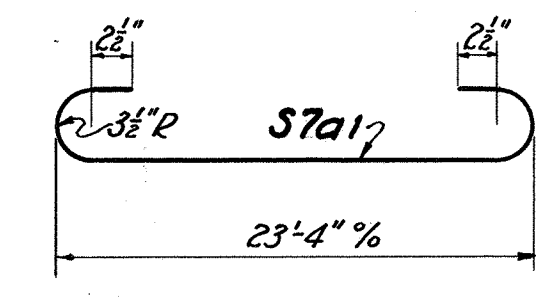
**PLAN AND ELEVATION OF ABUTMENT AND WINGS**  
BRIDGE N° SC-125-29  
OVER TURKEY CREEK

SCIOTO COUNTY S. H. 119  
SEC. P STA. 4+65.50

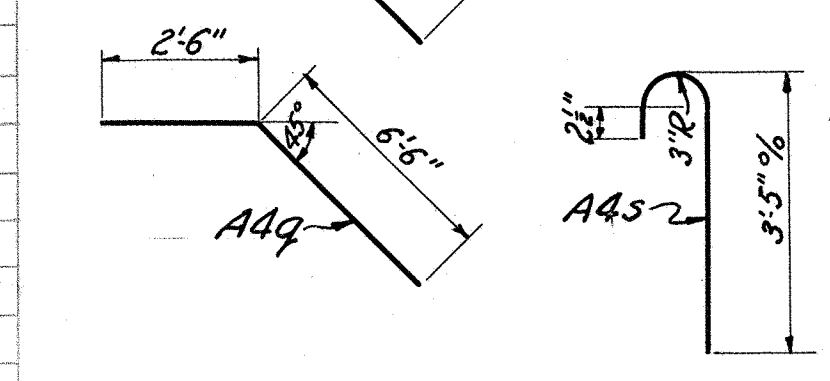
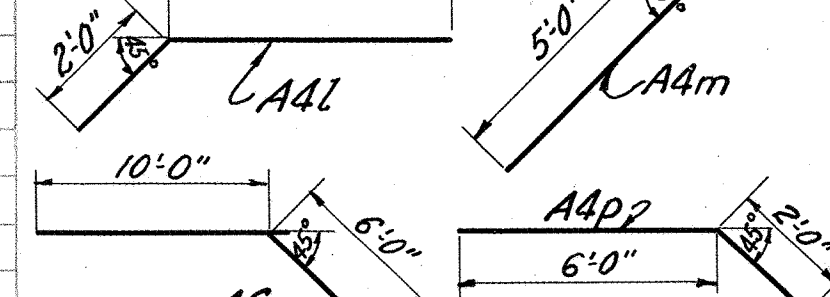
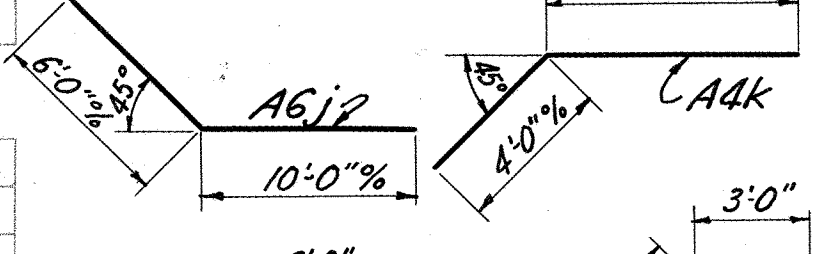
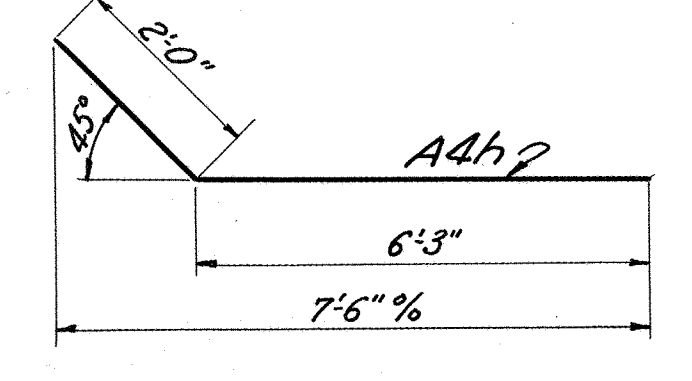
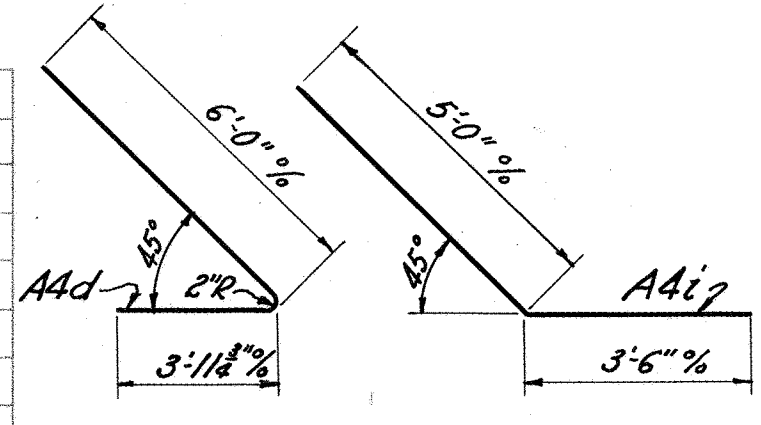
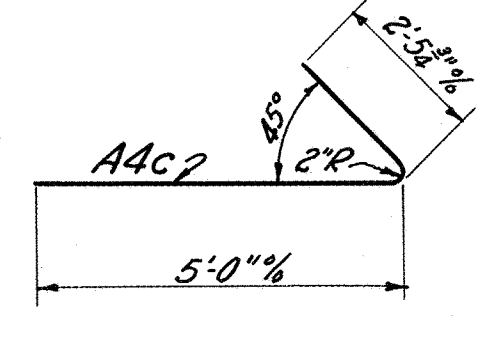
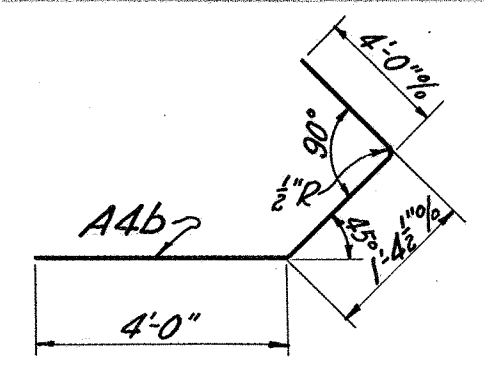
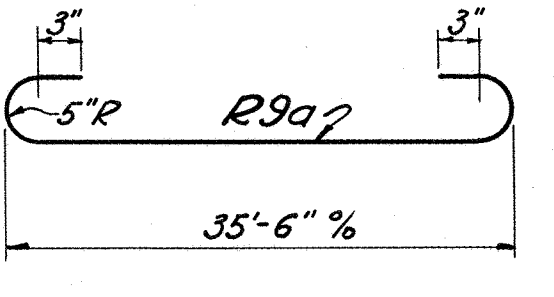
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE
G.E.S.	G.E.S.	G.M.	C.W.	M.H.R.	4/4/40



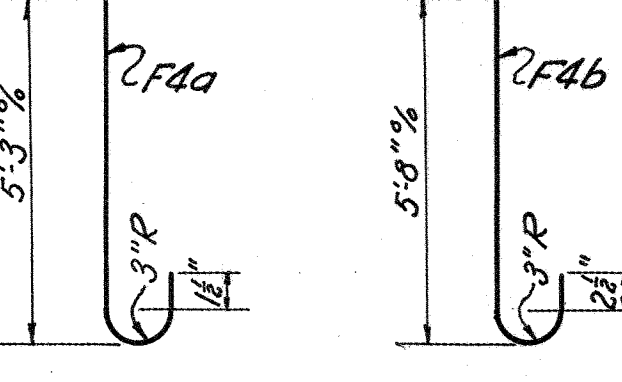
Mark	Size	N <sup>o</sup>	Length	Weight	Shape
<b>SUPERSTRUCTURE</b>					
S7a1	1/4"	76	25'-3"	5140	Bt.
S7a2	1/4"	2	23'-9"	130	Bt.
S7a3	1/4"	2	23'-4"	120	Bt.
S7a4	1/4"	2	22'-11"	120	Bt.
S7a5	1/4"	2	22'-6"	120	Bt.
S7a6	1/4"	2	22'-1"	120	Bt.
S7a7	1/4"	2	21'-8"	120	Bt.
S7a8	1/4"	2	21'-3"	110	Bt.
S7a9	1/4"	2	20'-10"	110	Bt.
S7a10	1/4"	2	20'-5"	110	Bt.
S7a11	1/4"	2	20'-0"	110	Bt.
S7a12	1/4"	2	19'-7"	100	Bt.
S7a13	1/4"	2	19'-2"	100	Bt.
S7a14	1/4"	2	18'-9"	100	Bt.
S6a1	3/8"	2	18'-6"	80	Bt.
S6a2	3/8"	2	18'-1"	70	Bt.
S6a3	3/8"	2	17'-8"	70	Bt.
S6a4	3/8"	2	17'-3"	70	Bt.
S6a5	3/8"	2	16'-10"	70	Bt.
S6a6	3/8"	2	16'-5"	70	Bt.
S6a7	3/8"	2	16'-0"	70	Bt.
S6a8	3/8"	2	15'-7"	60	Bt.
S6a9	3/8"	2	15'-2"	60	Bt.
S6a10	3/8"	2	14'-9"	60	Bt.
S6a11	3/8"	2	14'-4"	60	Bt.
S6a12	3/8"	2	13'-11"	60	Bt.
S6a13	3/8"	2	13'-6"	60	Bt.
S5a1	3/8"	2	13'-0"	40	Bt.
S5a2	3/8"	2	12'-7"	40	Bt.
S5a3	3/8"	2	12'-2"	40	Bt.
S5a4	3/8"	2	11'-9"	40	Bt.
S5a5	3/8"	2	11'-4"	30	Bt.
S5a6	3/8"	2	10'-11"	30	Bt.
S5a7	3/8"	2	10'-6"	30	Bt.
S5a8	3/8"	2	10'-1"	30	Bt.
S5a9	3/8"	2	9'-8"	30	Bt.
S5a10	3/8"	2	9'-3"	30	Bt.
S5a11	3/8"	2	8'-10"	30	Bt.
S5a12	3/8"	2	8'-5"	30	Bt.
S5a13	3/8"	2	8'-0"	20	Bt.
S4a1	3/8"	2	7'-6"	20	Bt.
S4a2	3/8"	2	7'-1"	20	Bt.
S4a3	3/8"	2	6'-8"	10	Bt.
S4a4	3/8"	2	6'-3"	10	Bt.
S4a5	3/8"	2	5'-10"	10	Bt.
S4a6	3/8"	2	5'-5"	10	Bt.
S4a7	3/8"	2	5'-0"	10	Bt.
S4a8	3/8"	2	4'-7"	10	Bt.
S4a9	3/8"	2	4'-2"	10	Bt.
S4a10	3/8"	2	3'-9"	10	Bt.
S4a11	3/8"	2	3'-4"	10	Bt.
S4a12	3/8"	2	2'-11"	10	Bt.
S4b	3/8"	42	36'-0"	1580	Str.
S4c	3/8"	42	20'-0"	880	Str.
S4d1	3/8"	11	23'-3"	270	Str.
S4d2	3/8"	2	20'-3"	40	Str.
S4d3	3/8"	2	17'-3"	40	Str.
S4d4	3/8"	2	14'-3"	30	Str.
S4d5	3/8"	2	11'-3"	20	Str.
S4d6	3/8"	2	8'-3"	20	Str.
S4d7	3/8"	2	5'-3"	10	Str.
S4d8	3/8"	2	2'-3"	10	Str.



Mark	Size	N <sup>o</sup>	Length	Weight	Shape
<b>SUPERSTRUCTURE CONT'D</b>					
R2a	3/8"	6	30'-0"	120	Str.
R3a	3/8"	80	12'-4"	850	Bt.
R4a	3/8"	58	5'-3"	320	Bt.
R6a	3/8"	4	35'-0"	290	Str.
R8a	1/4"	4	40'-0"	550	Bt.
R9a	1/4"	8	38'-0"	1310	Bt.
Total Superstructure = 14,370 Lbs.					
<b>ABUTMENTS</b>					
A5a1	3/8"	1	10'-3"	20	Str.
A5a2	3/8"	3	7'-9"	30	Str.
A5a3	3/8"	3	8'-0"	40	Str.
A5a4	3/8"	2	8'-3"	20	Str.
A5a5	3/8"	3	8'-6"	40	Str.
A5a6	3/8"	3	8'-9"	40	Str.
A5a7	3/8"	3	9'-0"	40	Str.
A5a8	3/8"	5	9'-3"	70	Str.
A5a9	3/8"	1	10'-6"	20	Str.
A5a10	3/8"	2	11'-0"	30	Str.
A5a11	3/8"	3	9'-3"	40	Str.
A5a12	3/8"	3	9'-0"	40	Str.
A5a13	3/8"	3	8'-9"	40	Str.
A5a14	3/8"	1	8'-6"	10	Str.
A5a15	3/8"	2	8'-3"	20	Str.
A5a16	3/8"	2	7'-9"	20	Str.
A5a17	3/8"	2	7'-6"	20	Str.
A5a18	3/8"	7	7'-3"	80	Str.
A4a1	3/8"	1	10'-3"	10	Str.
A4a2	3/8"	3	7'-9"	20	Str.
A4a3	3/8"	3	8'-0"	30	Str.
A4a4	3/8"	2	8'-3"	20	Str.
A4a5	3/8"	3	8'-6"	30	Str.
A4a6	3/8"	3	8'-9"	30	Str.
A4a7	3/8"	3	9'-0"	30	Str.
A4a8	3/8"	5	9'-3"	50	Str.
A4a9	3/8"	1	10'-6"	10	Str.
A4a10	3/8"	2	11'-0"	20	Str.
A4a11	3/8"	3	9'-3"	30	Str.
A4a12	3/8"	3	9'-0"	30	Str.
A4a13	3/8"	3	8'-9"	30	Str.
A4a14	3/8"	1	8'-6"	10	Str.
A4a15	3/8"	2	8'-3"	20	Str.
A4a16	3/8"	2	7'-9"	20	Str.
A4a17	3/8"	2	7'-6"	20	Str.
A4a18	3/8"	7	7'-3"	50	Str.
A4b	3/8"	10	9'-6"	100	Bt.
A4c	3/8"	10	7'-9"	80	Bt.
A4d	3/8"	10	10'-3"	110	Bt.
A4e	3/8"	10	9'-6"	100	Str.
A4f	3/8"	18	10'-3"	190	Str.
A4g	3/8"	6	18'-0"	110	Str.
A4h	3/8"	11	8'-3"	90	Bt.
A4i	3/8"	11	8'-6"	100	Bt.
A4j	3/8"	10	16'-0"	260	Bt.
A4k	3/8"	8	8'-0"	70	Bt.
A4l	3/8"	8	8'-0"	70	Bt.
A4m	3/8"	8	8'-0"	70	Bt.
A4n	3/8"	8	7'-3"	60	Str.
A60	3/8"	8	16'-0"	260	Bt.
A4p	3/8"	10	8'-0"	80	Bt.
A4q	3/8"	10	9'-0"	90	Bt.
A4r	3/8"	10	9'-9"	100	Str.
A4s	3/8"	18	4'-3"	80	Bt.
A4t	3/8"	72	2'-0"	150	Str.



Mark	Size	N <sup>o</sup>	Length	Weight	Shape
<b>ABUTMENTS CONT'D</b>					
A4u	3/8"	10	37'-9"	390	Str.
A4v	3/8"	8	29'-6"	250	Str.
A4w	3/8"	10	38'-0"	400	Str.
A4x	3/8"	8	36'-0"	300	Str.
Total Abutments = 5680 Lbs.					
<b>REPLACEMENT BARS</b>					
RE2a	3/8"	1	6'-0"	10	Str.
RE3a	3/8"	1	6'-0"	10	Str.
RE4a	3/8"	1	6'-6"	10	Str.
RE5a	3/8"	1	7'-0"	10	Str.
RE6a	3/8"	1	7'-6"	20	Str.
RE7a	1/4"	1	10'-0"	30	Str.
RE8a	1/4"	1	10'-0"	40	Str.
RE9a	1/4"	1	10'-6"	50	Str.
Total Replacement = 180 Lbs.					



ESTIMATED QUANTITIES						
Item N <sup>o</sup>	Designation	West Abut.	East Abut.	Super-structure	General	Total
E-2	Excavation for Structures, rock.	18	18			36 Cu. Yds.
E-2	Excavation for Structures, dry.	40	30			70 Cu. Yds.
E-2	Excavation for Structures, wet.	102	102			204 Cu. Yds.
S-1	Class "C" Concrete, Superstructure.			76		76 Cu. Yds.
S-1	Class "E" Concrete, Walls.	67	62			129 Cu. Yds.
S-1	Class "E" Concrete, Footers.	44	42			86 Cu. Yds.
S-3	Type "B" Waterproofing	17	17			34 Sq. Yds.
S-4	Reinforcing Steel.	2850	2830	14370	180	20230 Lbs.
S-9	1/2" Premoulded Expansion Joint Filler.	46	46			92 Sq. Ft.
S-16	Temporary Run-around Bridge and Approaches.					Lump Sum
S-29	Porous Backfill.					Lump Sum

**GENERAL NOTES**

- Existing temporary structure shall be removed and stored at roadside at disposal of State's forces.
- Existing abutments shall be removed. All suitable material shall be used on approaches.
- Dividing Plane between wet and dry excavation is taken as El. 594.0.
- Footings shall extend at least 3" in solid rock.

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
BUREAU OF BRIDGES

**REINFORCING STEEL LIST,  
NOTES & ESTIMATED QUANTITIES**

BRIDGE N<sup>o</sup> 5C-125-29  
OVER TURKEY CREEK

SCIOTO COUNTY S.H. 119  
SEC. P. STA. 4+65.50

DESIGNED G. E. S.	DRAWN G. E. S.	TRACED G. S.	CHECKED G. J. W.	REVIEWED 8/19/40	DATE 4/1/40	REVISED
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# SUMMARY OF QUANTITIES

ROADWAY EXCAVATION & EMBANKMENT					
STATION		Excavation	Embankment	Emb. + 15%	CHANNEL
FROM	TO	Cu. Yd.	Cu. Yd.	Cu. Yd.	Cu. Yd.
1+00	4+48.73	35	646	743	
4+82.27	8+00	22	1621	1864	
TOTALS		57	2267	2607	919

2607 - (57 + 919) = 1531 Cu.Yd. Net Borrow

PIPE REMOVAL				
Sheet No.	Item No.	Station	Rt. or Lt. of C.	18" C.M.P. Lin. Ft.
	1-R	4+96	Rt.	36

## PROJECT CALCULATIONS

BEGIN PROJECT STATION 1+00  
 END " " 8+00  
 GROSS LENGTH OF PROJECT 700 LIN. FT.  
 NO ADDITIONS OR DEDUCTIONS  
 NET LENGTH OF PROJECT 700 LIN. FT.

## PAVEMENT CALCULATIONS

BEGIN PAVEMENT STATION 1+00  
 END " " 8+00  
 GROSS LENGTH OF PAVEMENT 700 LIN. FT.  
 DEDUCTIONS:  
 BRIDGE AND APPROACHES  
 STATION 4+33.73 TO STATION 4+97.27 63.54 LIN. FT.  
 NET LENGTH OF PAVEMENT 636.46 LIN. FT.

PAVEMENT AREA TYPE T-11  
 $\frac{636.46 \times 22}{9} = 1555.79$  SQ. YDS.

PAVEMENT VOLUME  
 $636.46 \times 22 \times 0.5 = 7001.06$  CU. FT.

COMPLETED MIXTURE DELIVERED (Mixed with Chemical)  
 $\frac{1555.79 \times 2 \text{ inches} \times 4000}{36 \times 2000} = 172.86$  TONS

COMPLETED MIXTURE DELIVERED (Not mixed with Chemical)  
 $\frac{1555.79 \times 4 \text{ inches} \times 4000}{36 \times 2000} = 345.73$  TONS

CALCIUM CHLORIDE  
 $1555.79 \times 0.6 \div 2000 = 0.47$  TONS

SPREADING, SHAPING AND COMPACTING 1555.79 SQ. YDS.

## GENERAL SUMMARY

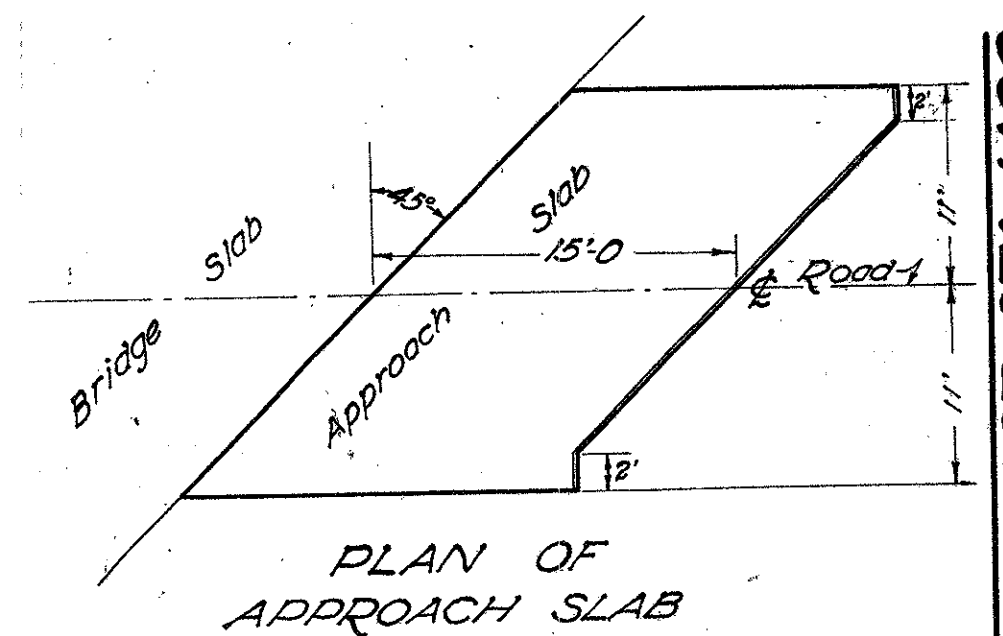
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
ROADWAY			
E-1	Roadway Excavation	57	C.Y.
E-3	Channel Excavation	919	C.Y.
E-4	Borrow (Contractor to furnish)	1531	C.Y.
E-12	Pipe removed and stored, 18"	36	Lin. Ft.
E-11	Water	8	M. Gals.

## PAVEMENT

T-11	Completed Mixture Delivered (Mixed with Chemical)	172.86	TONS
T-11	" " " (Not mixed with Chemical)	345.73	"
T-11	Calcium Chloride	0.47	"
T-11	Spreading, shaping and compacting	1555.79	SQ. YD.
S-5	10" Reinforced Concrete Approach Slab	73.33	"

STRUCTURE OVER 20' SPAN  
 For Estimated Quantities see Sheet No. 11





BEGIN PROJECT STA. 1400

SOLOMON COOPER

PARCEL No. 1

PARCEL No. 1-X

PARCEL No. 1-X1

SOLOMON COOPER

S.H. 119 SEC. P (P.D.)  
SCIOTO COUNTY

EXISTING STRUCTURE

The structure has been destroyed.  
The former structure was 19' clear span  
wood beam bridge.

