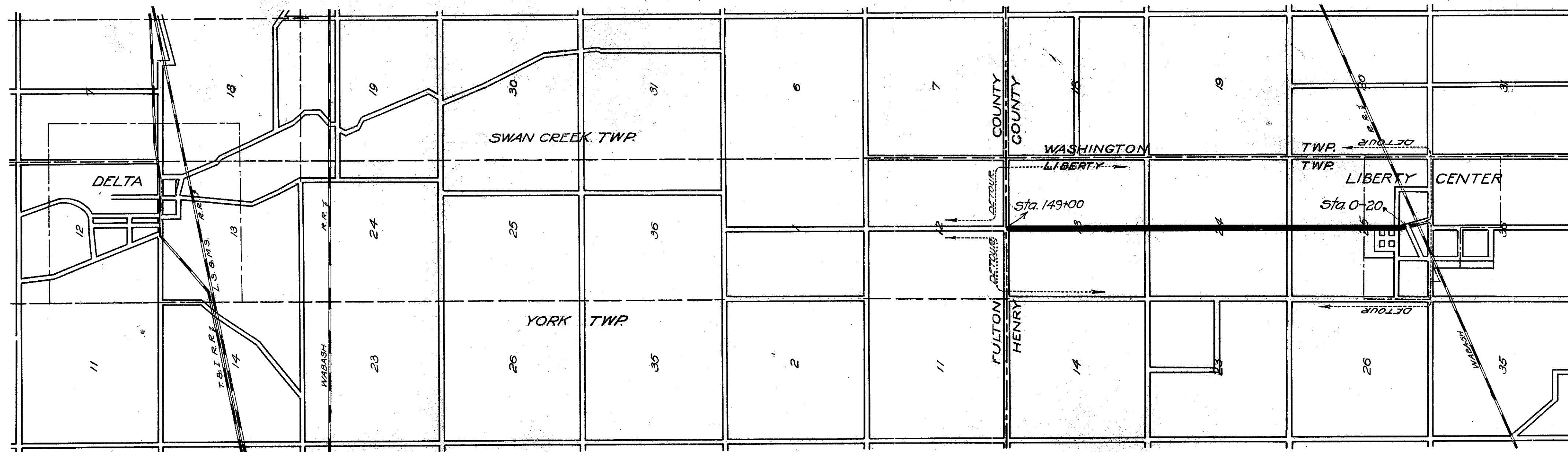
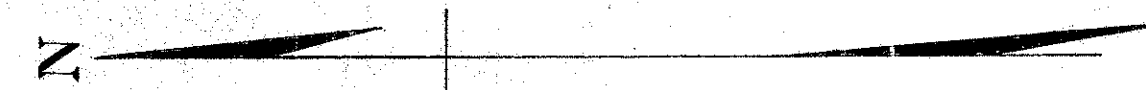


STATE HIGHWAY DEPARTMENT OF OHIO
 BUREAU OF CONSTRUCTION
SEC. A - LIBERTY - ADRIAN ROAD.
 I.C.H. No. 299 PET. No. 4072
 HENRY COUNTY
 LIBERTY TWP. JANUARY 1920



LOCATION PLAN
 Scale 2" = 1 Mile.
 PORTION TO BE IMPROVED

CONVENTIONAL SIGNS

County Line	_____
Township Line	_____
Section Line	_____
Property Line Not Fenced	_____
Center Line	_____
City or Village Line	_____
Wire Fence	_____
Telephone or Telegraph Line	_____
Steam Railroad	_____

SCALES

Plan	1" = 100'
Profile (Vertical)	1" = 10'
Profile (Horizontal)	1" = 100'
Cross-Sections	1" = 5'

Approved Reinhold Herdes
 Date 6-20-20 County Surveyor

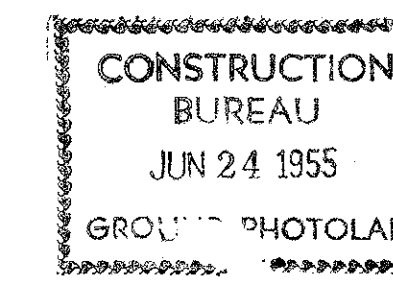
We the commissioners of Henry County
 hereby approve these plans and certify
 that the right of way is available for
 the construction of the above highway

Signed Grant Beam
H. B. Jennings
 Date 6-22-20 County Commissioners.

Approved D.W. Seitz
 Date 6-19-20 Division Engineer

Approved J. D. Prindle
 Date 6-18-20 Chief Highway Engineer.

Approved A. R. Taylor
 Date 6-18-1920 State Highway Commissioner.



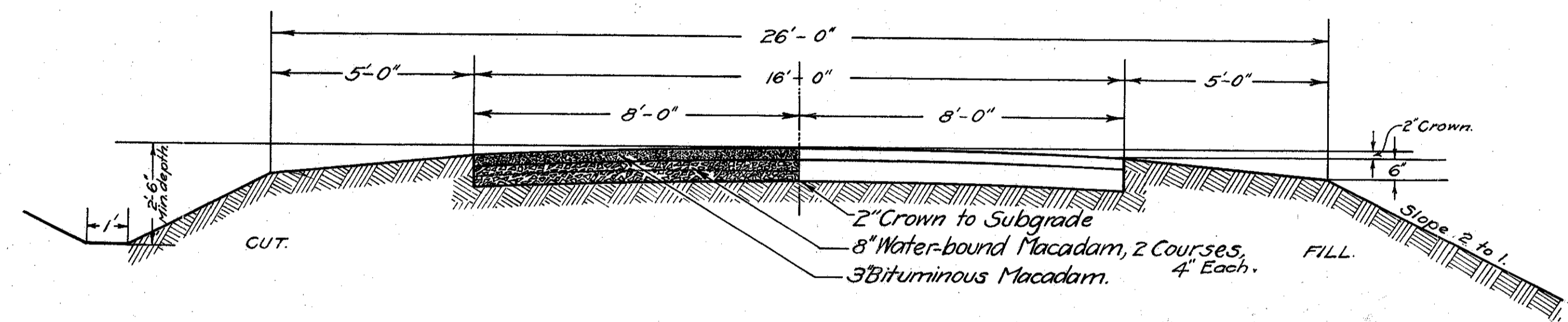
I hereby approve these plans and declare that the
 making of the improvement will require the closing
 to traffic of the highway and that the detours will
 be indicated by signs as shown on the plans
 and estimates

Date 6-18-1920 A. R. Taylor
 State Highway Commissioner.

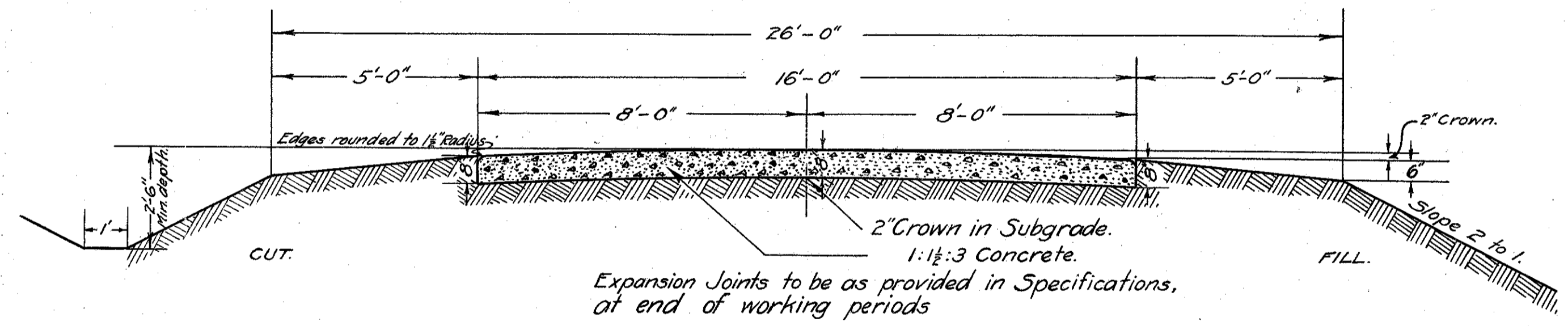
I.C.H. 299
 HENRY COUNTY

- INDEX OF SHEETS**
- SHEET No. 1 - TITLE PAGE
 - SHEET No. 2 - TYPICAL CROSS-SECTIONS.
 - SHEETS 3-4-5 - PLAN - PROFILE.
 - SHEETS 6-7-8 - CROSS SECTION.
 - SHEET 9-10 - BRIDGE PLANS.
 - SHEET 11 - TABULATION BRIDGE WORK.

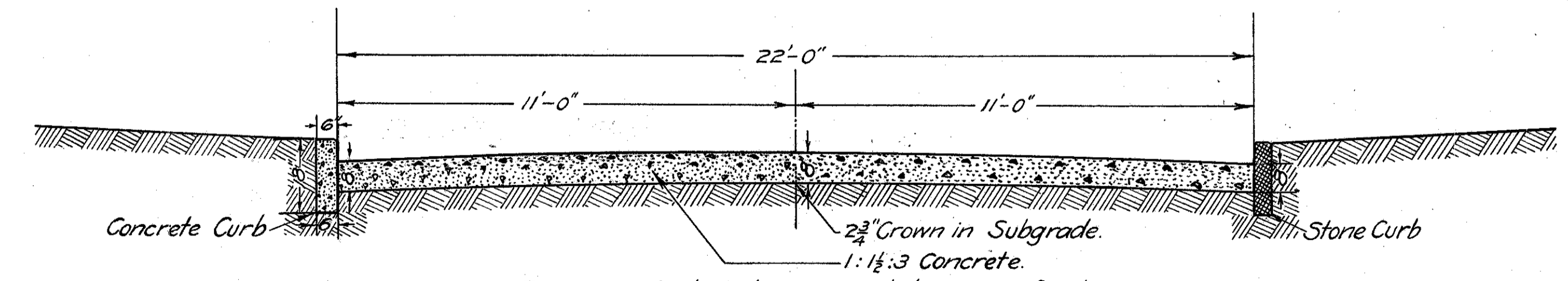
CROSS — SECTIONS
FOR
Alternate Types of Pavements



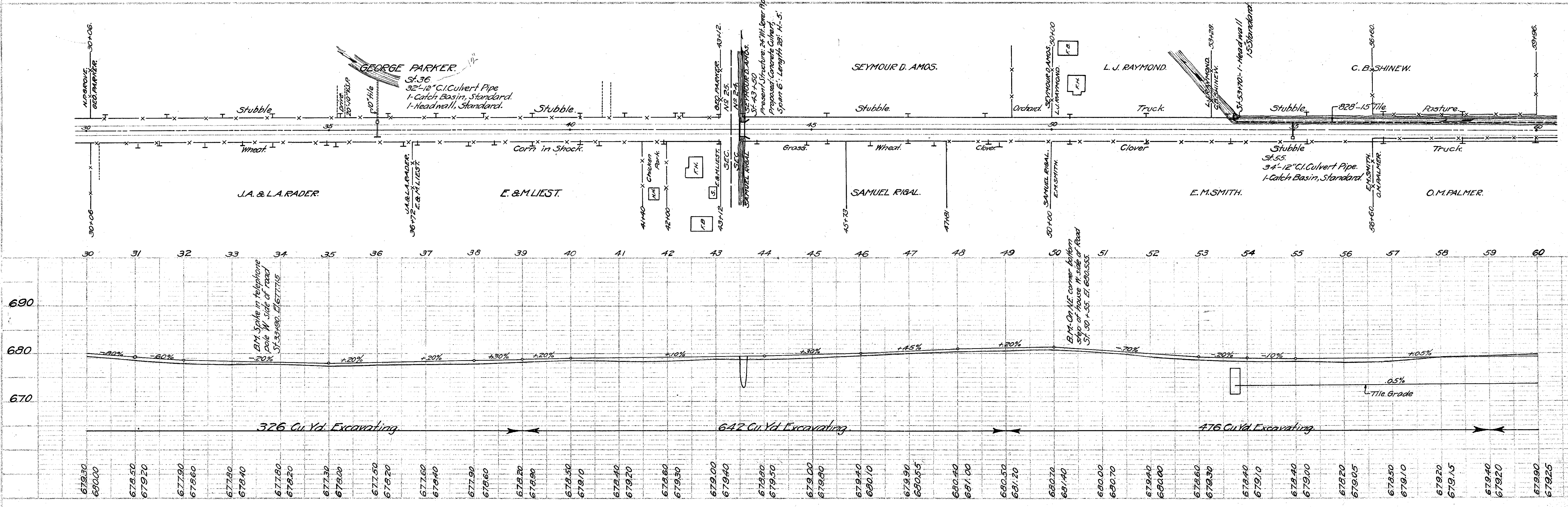
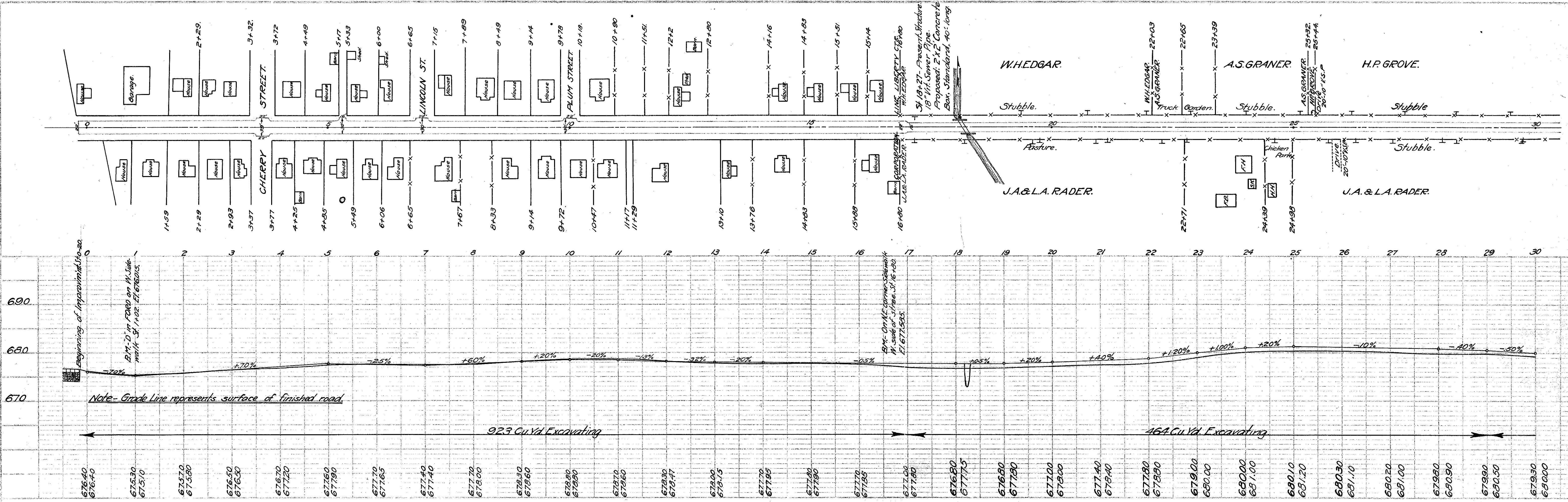
BITUMINOUS MACADAM
Sta 16+80 to Sta 149+00, Fulton Co. Line.



Expansion Joints to be as provided in Specifications,
at end of working periods
PLAIN CONCRETE
VOID

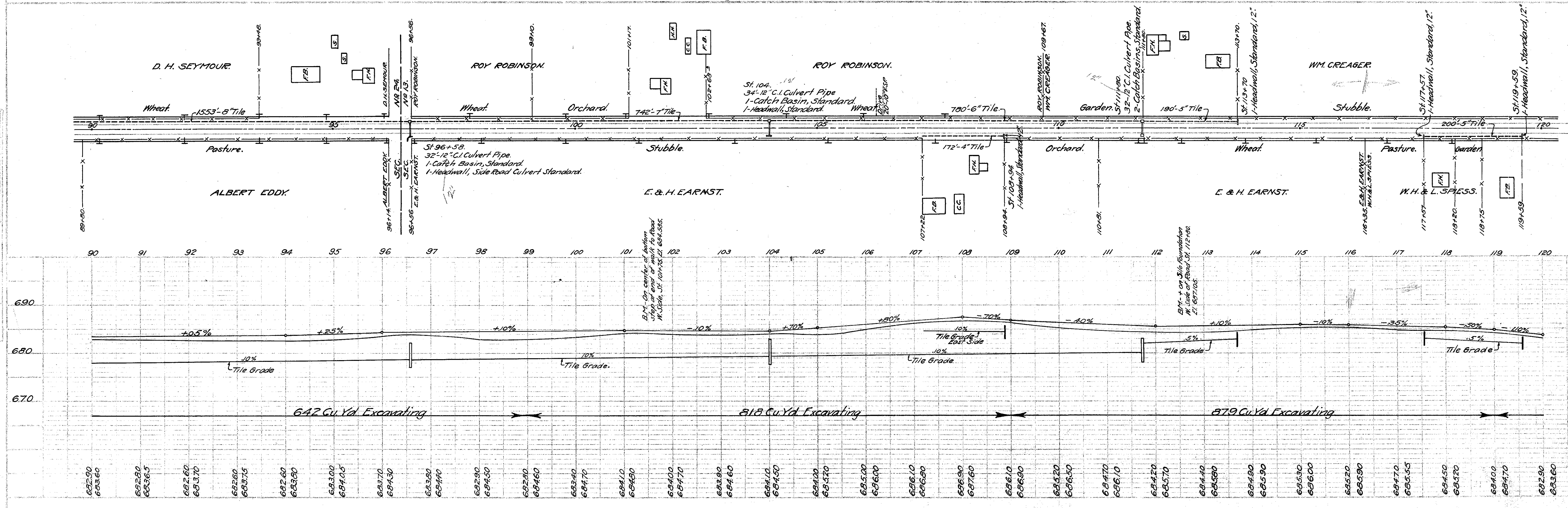
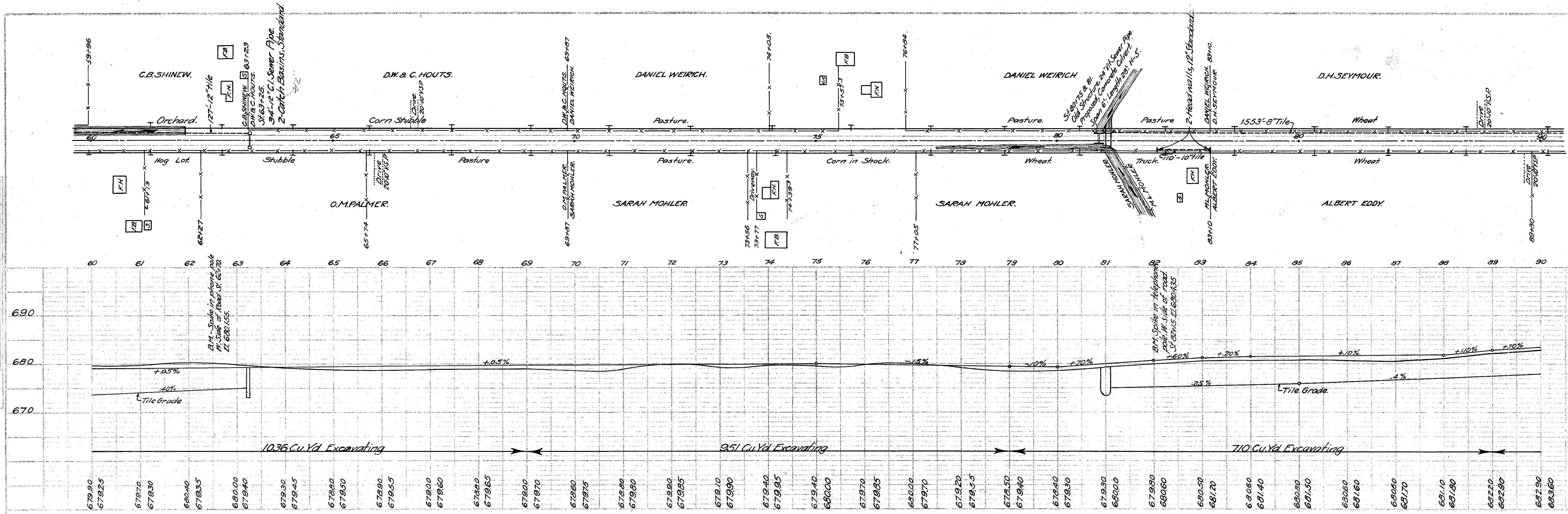


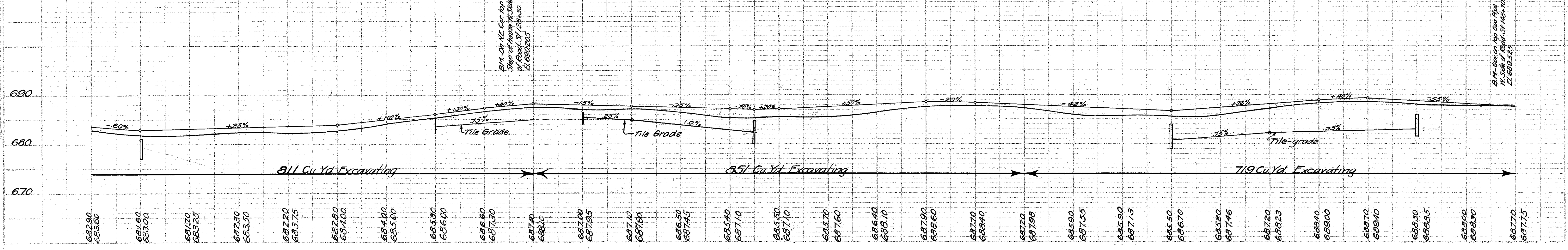
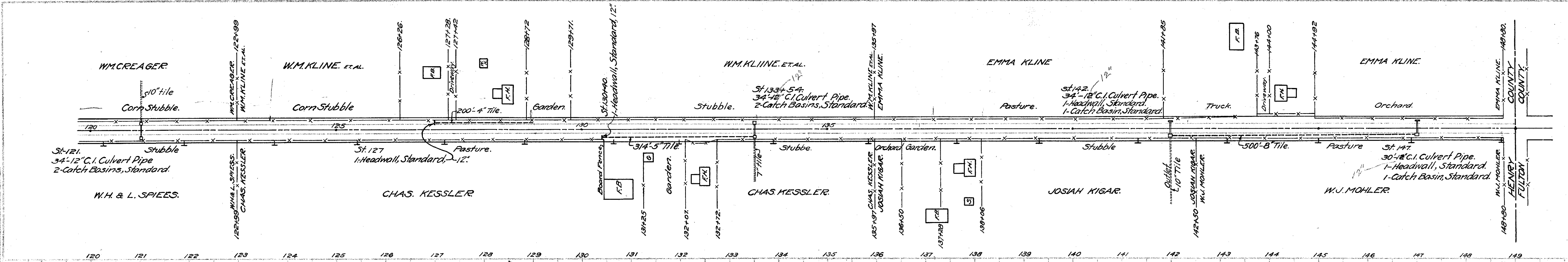
Expansion Joints to be as provided in Specifications,
at end of working periods.
PLAIN CONCRETE, ST. 0-20 TO ST 16+80.

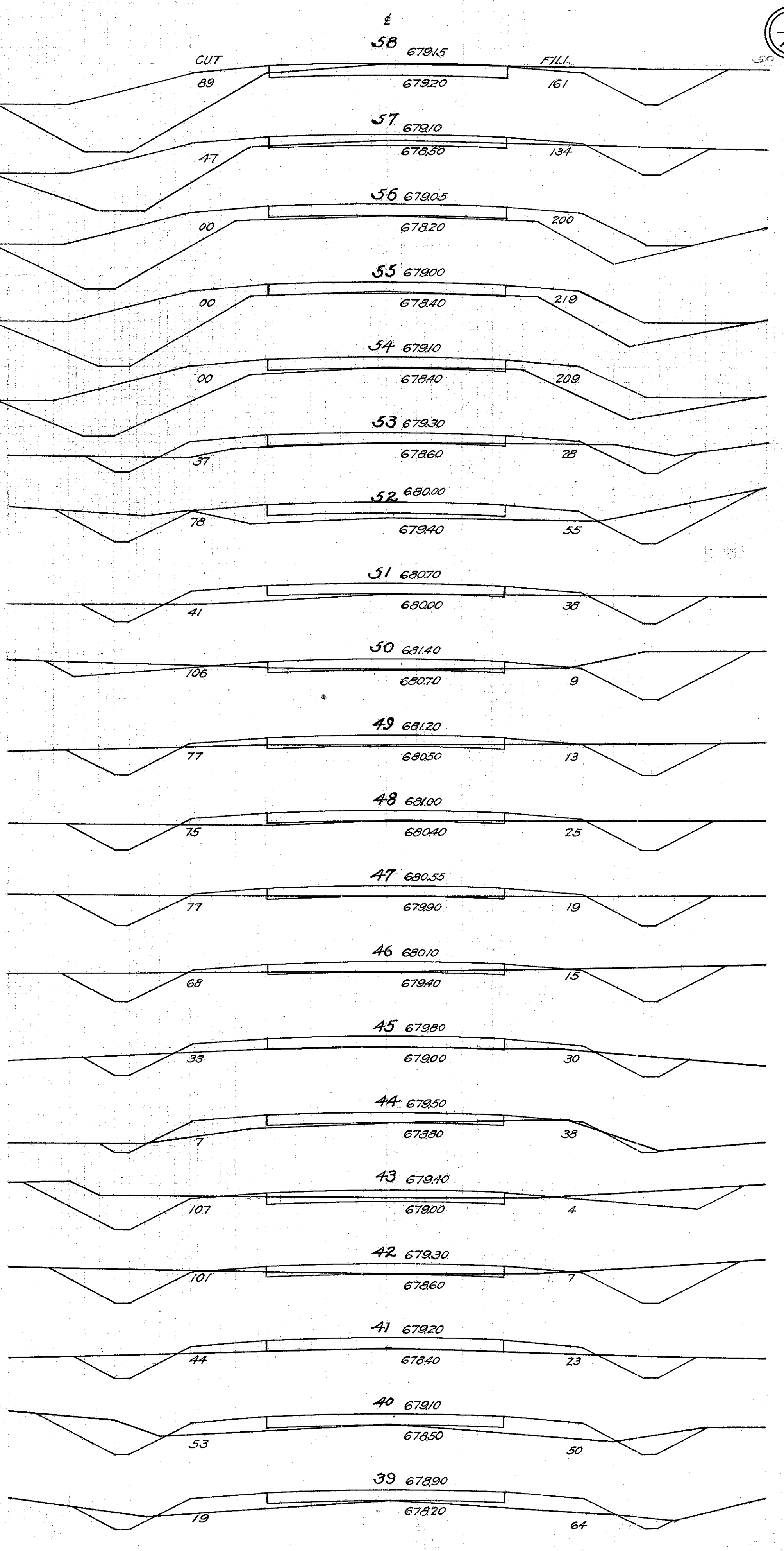
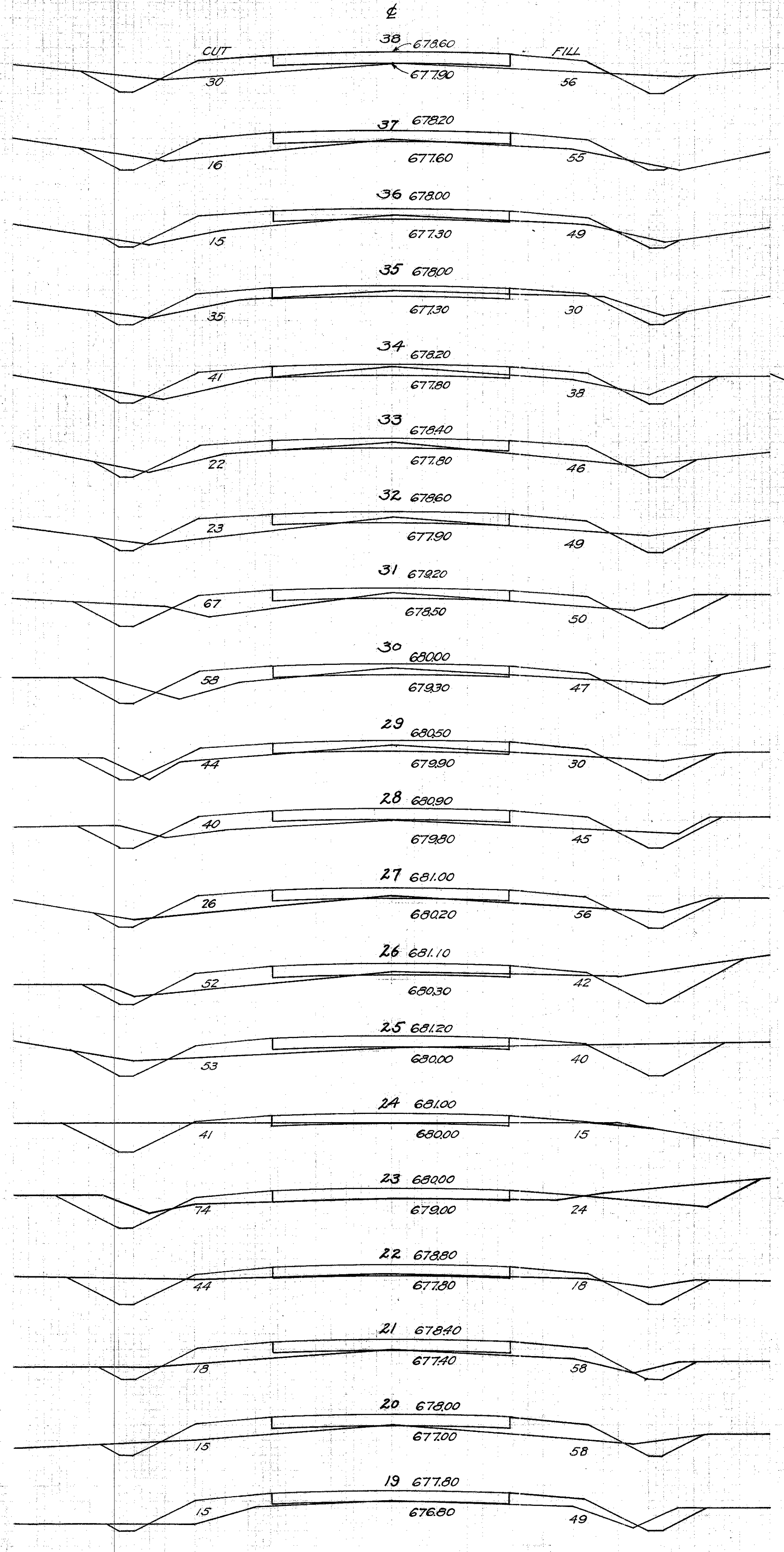
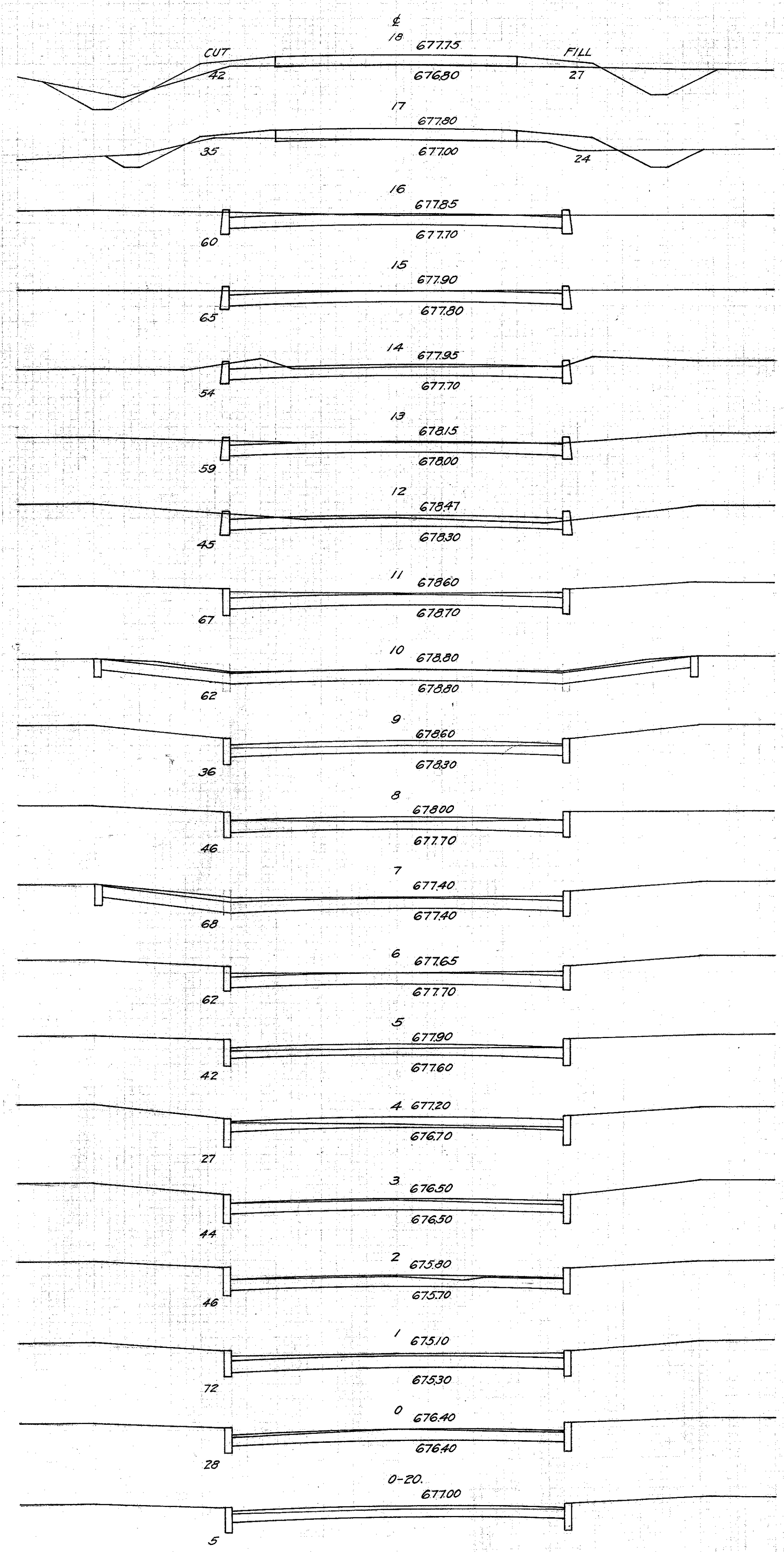


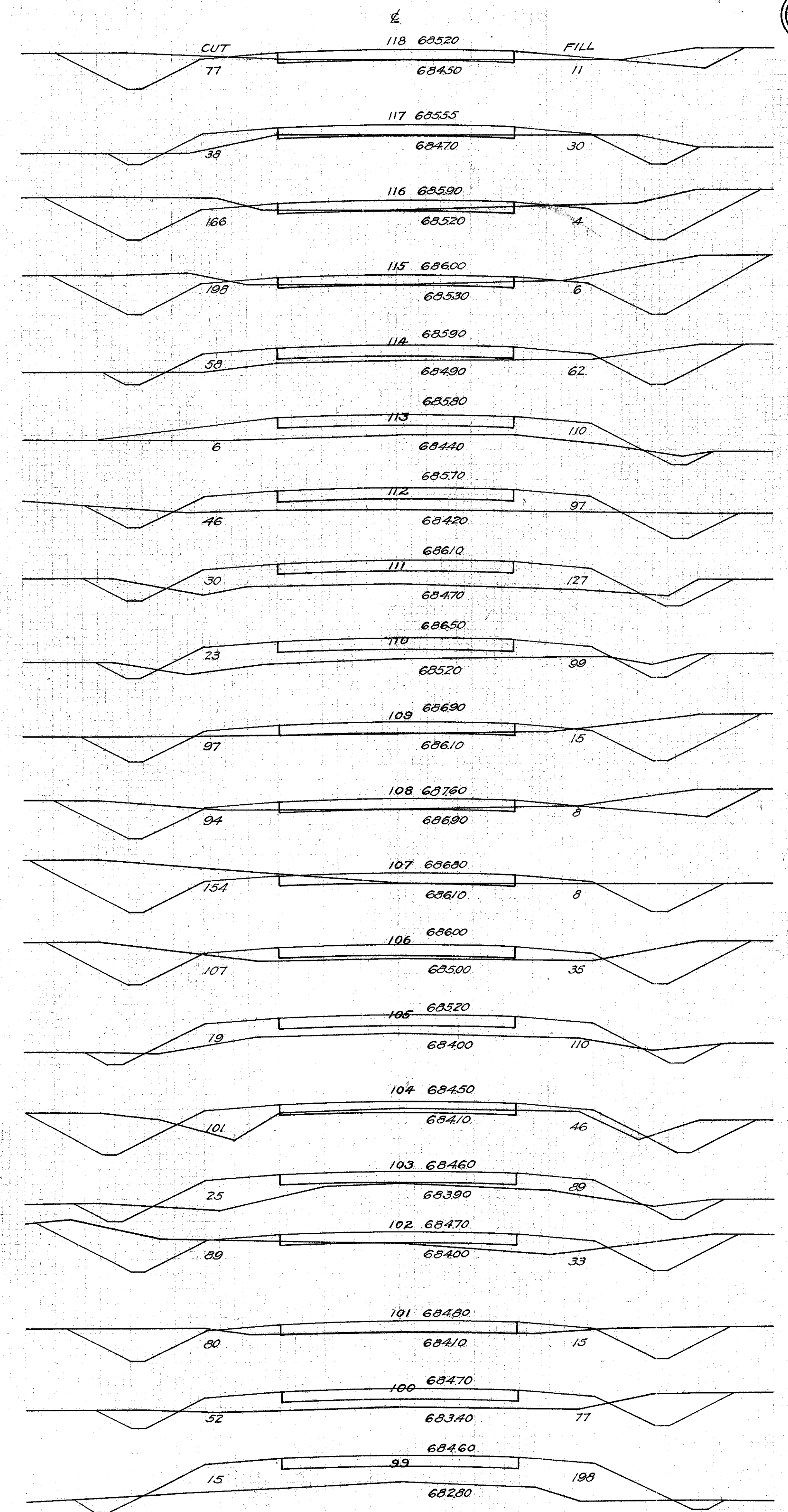
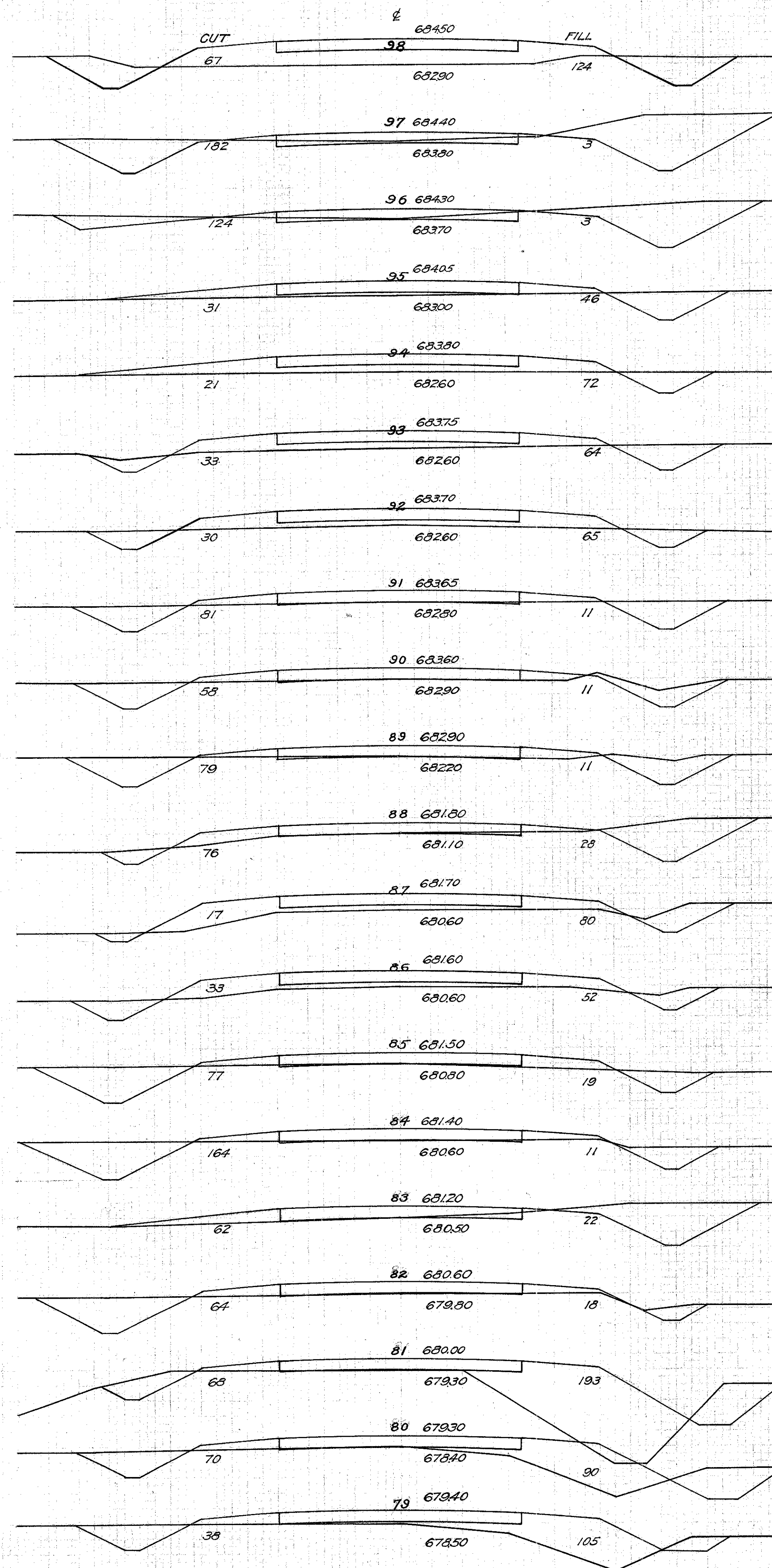
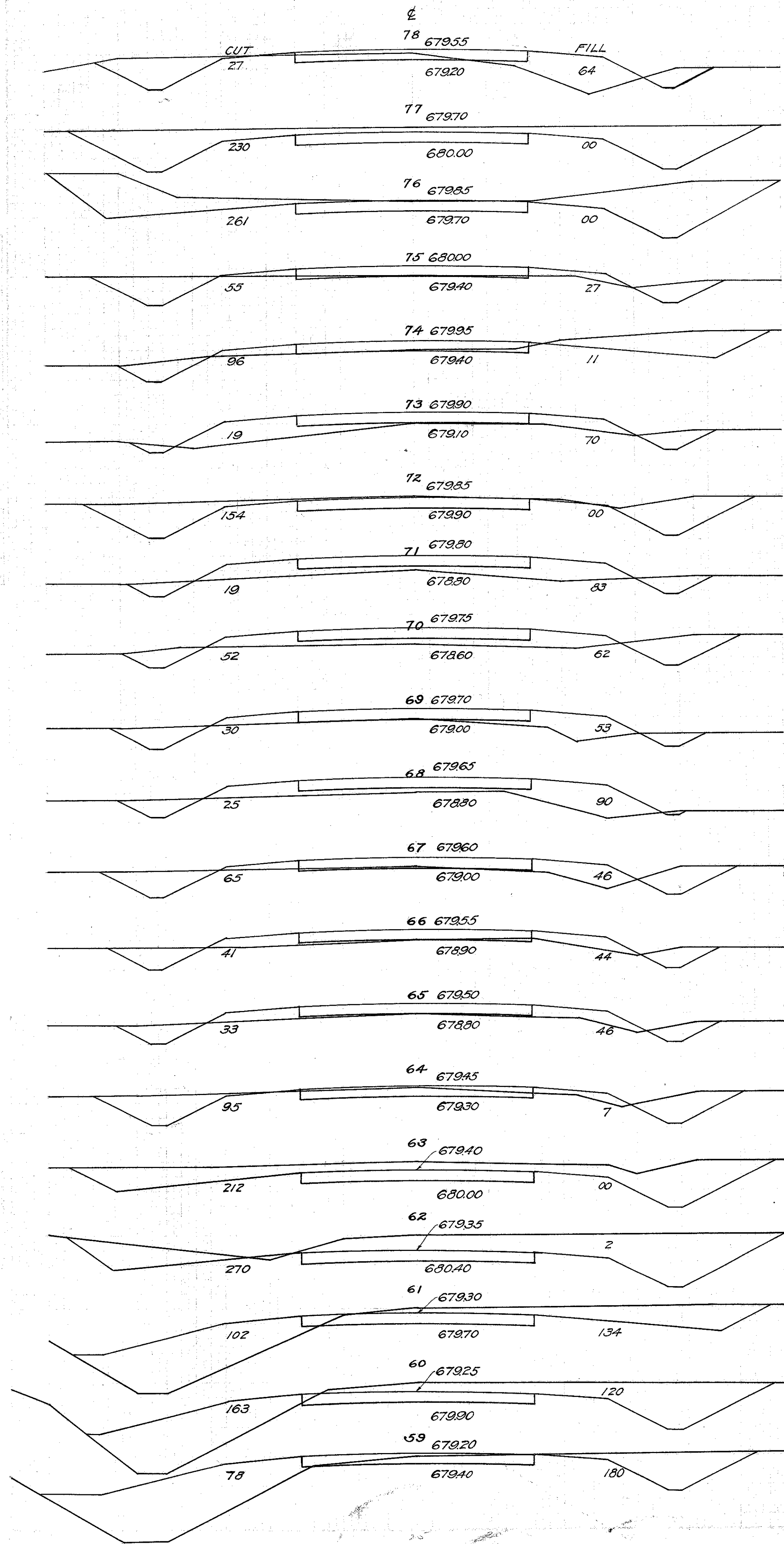
PLAN
 DATE: 11/1/22
 PROJECT: 111111
 SHEET NO.: 3/10
 NOTE: SEE ALPHABETICALLY INDEXED SHEETS FOR FULL DESCRIPTION

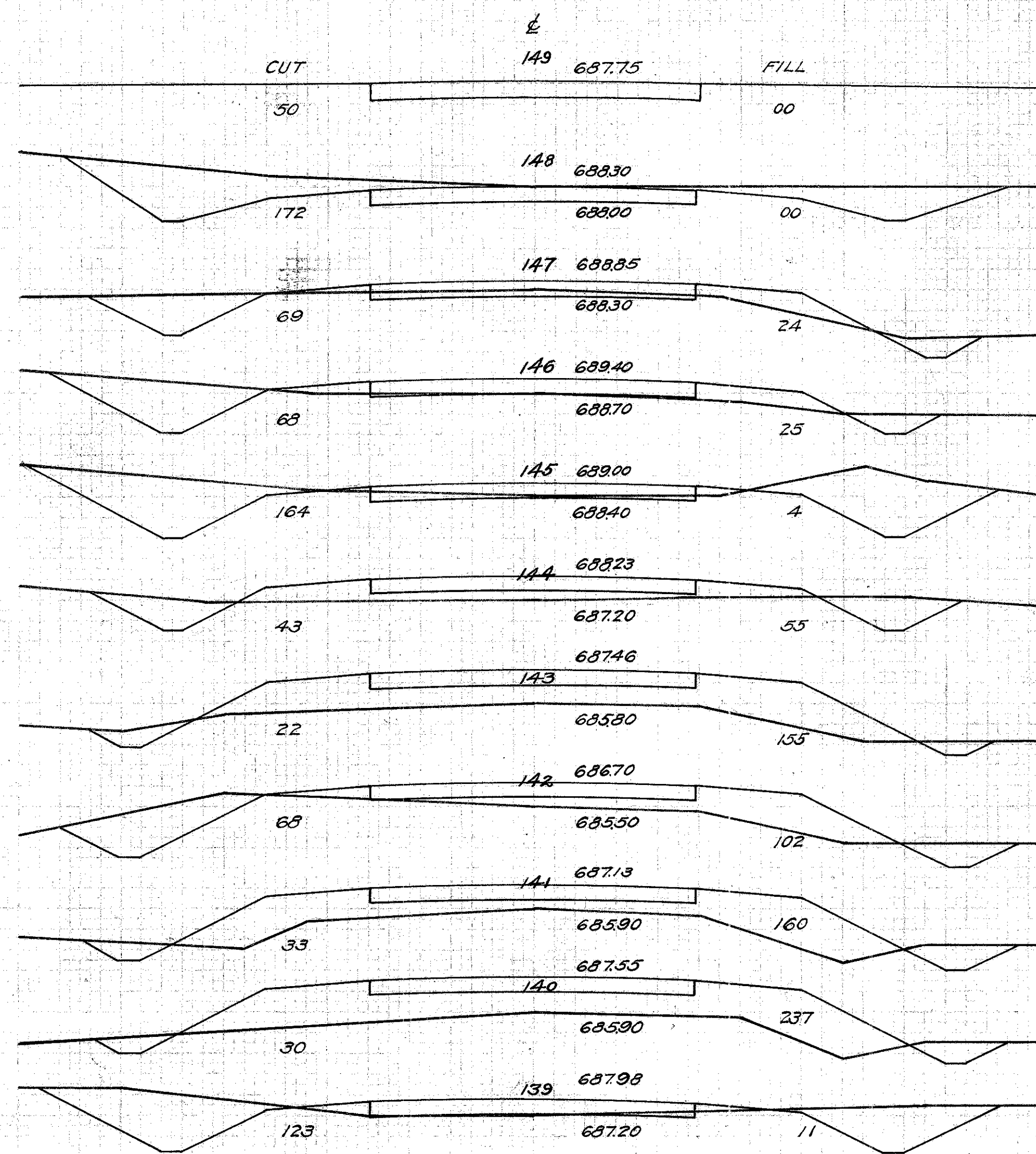
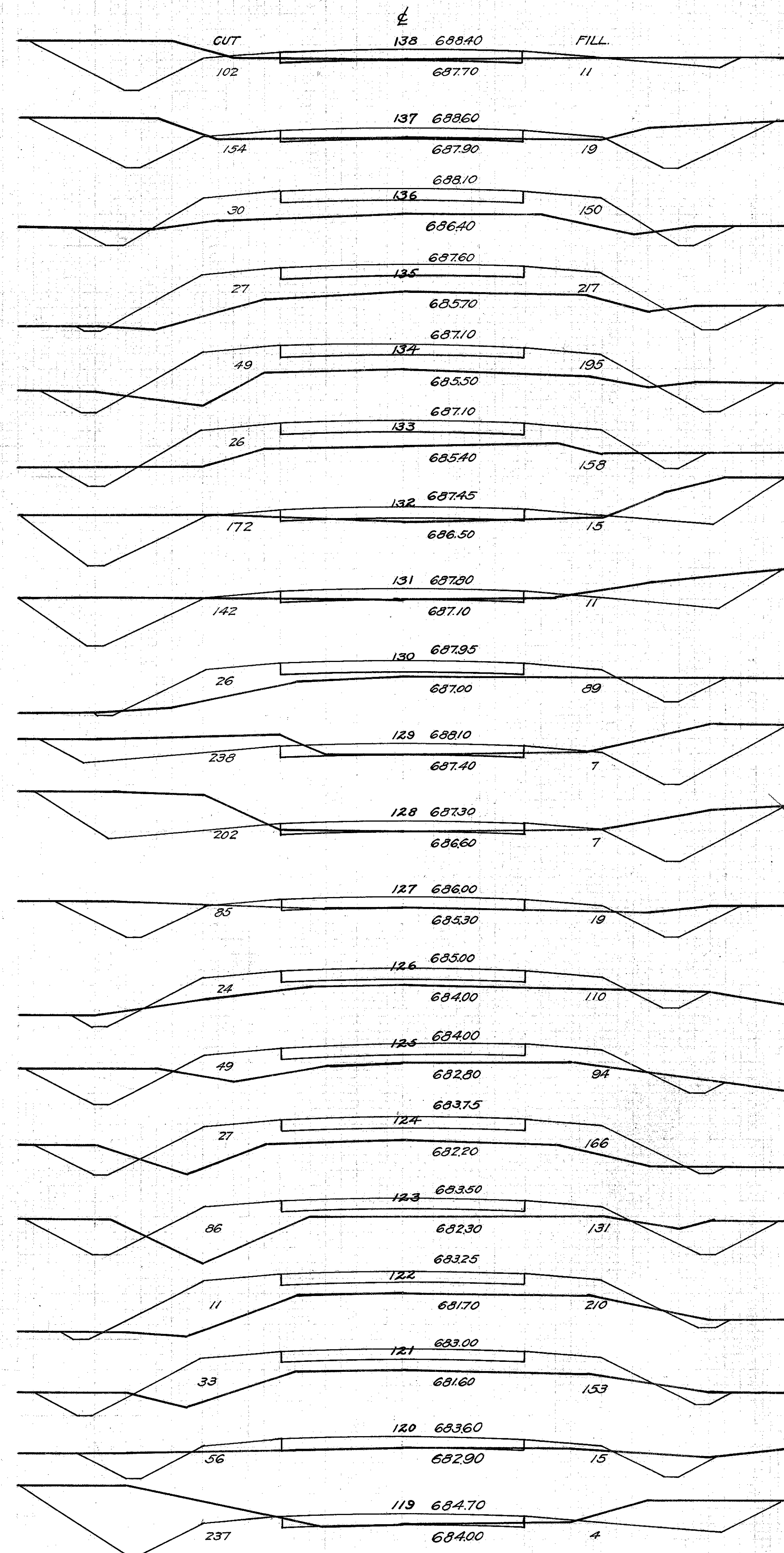
PROFILE
 DATE: 11/1/22
 PROJECT: 111111
 SHEET NO.: 3/10
 NOTE: SEE ALPHABETICALLY INDEXED SHEETS FOR FULL DESCRIPTION

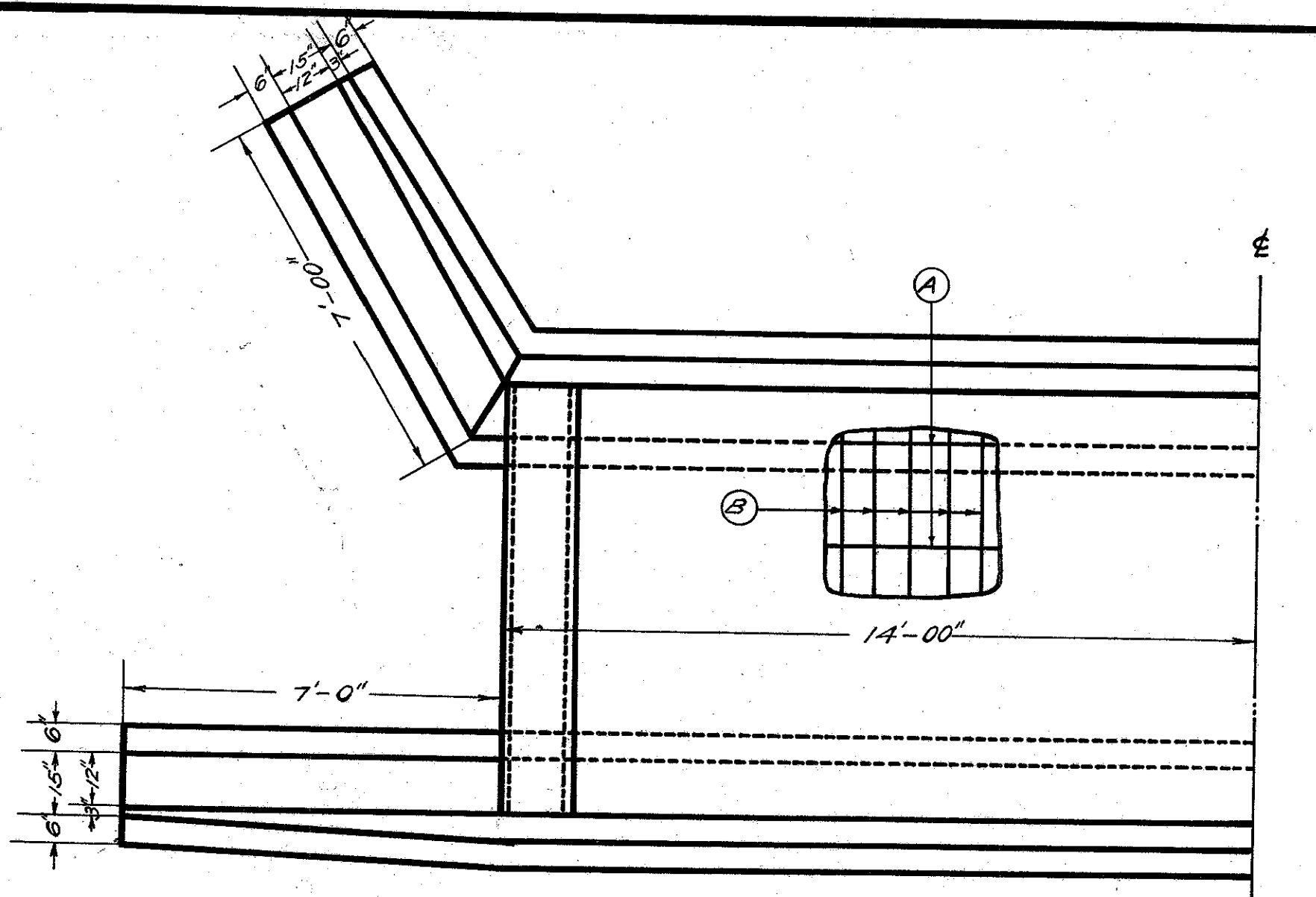








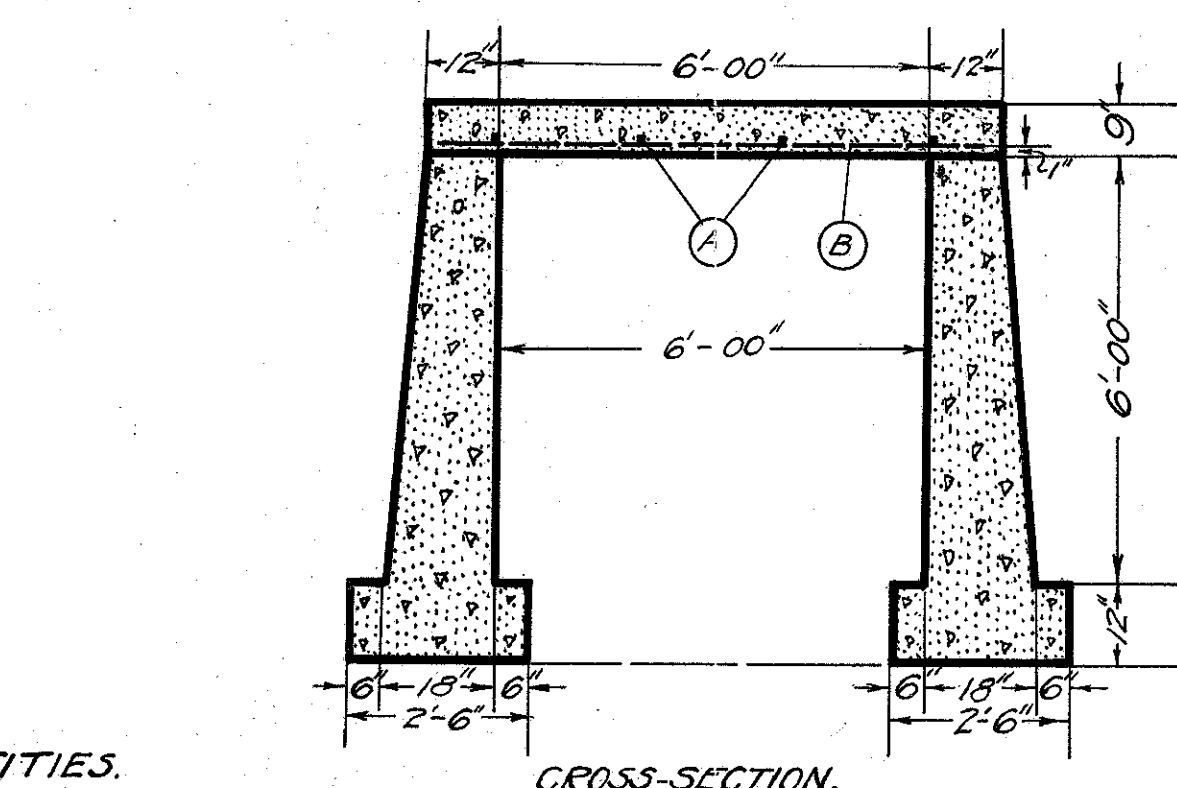
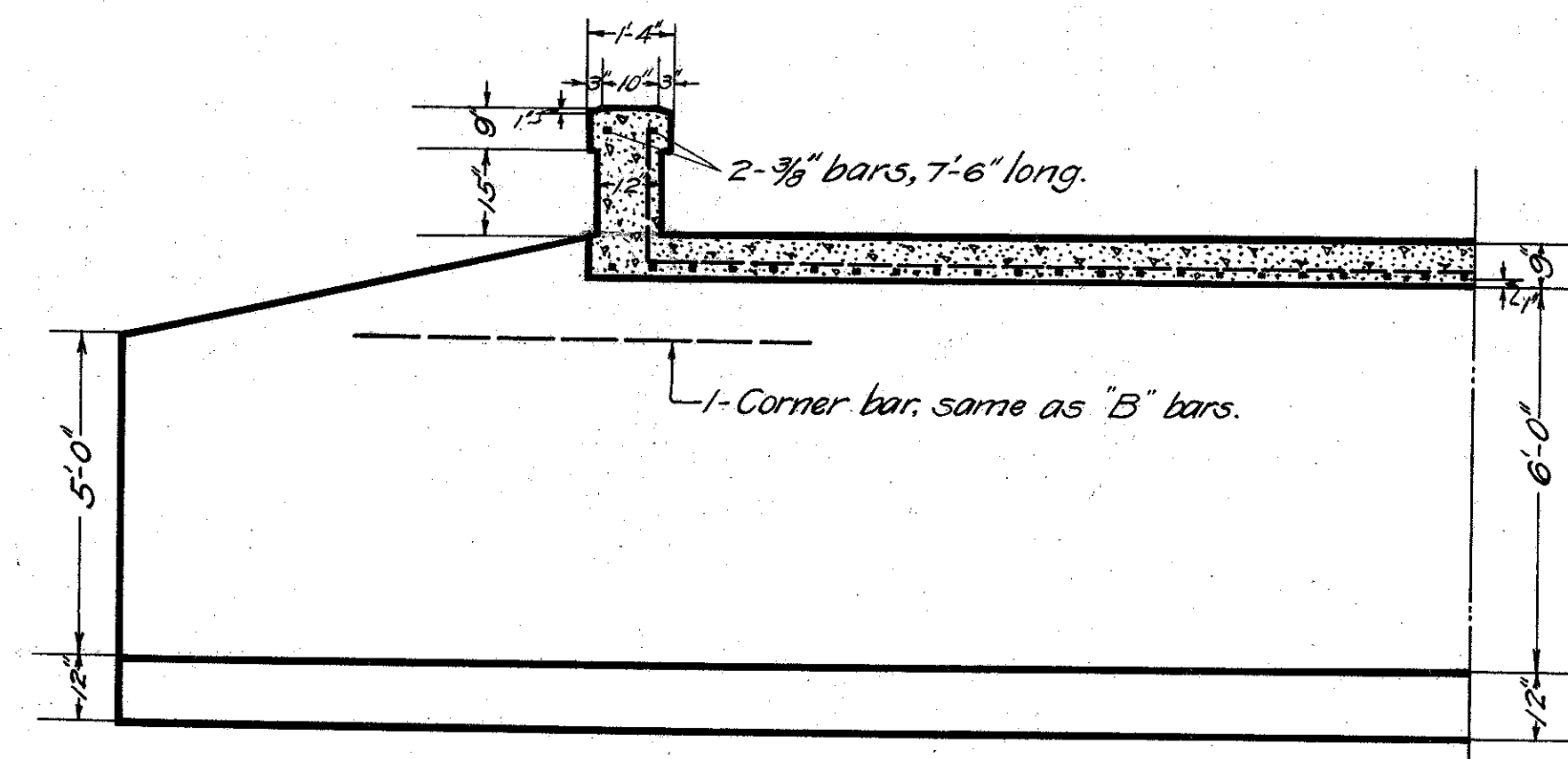
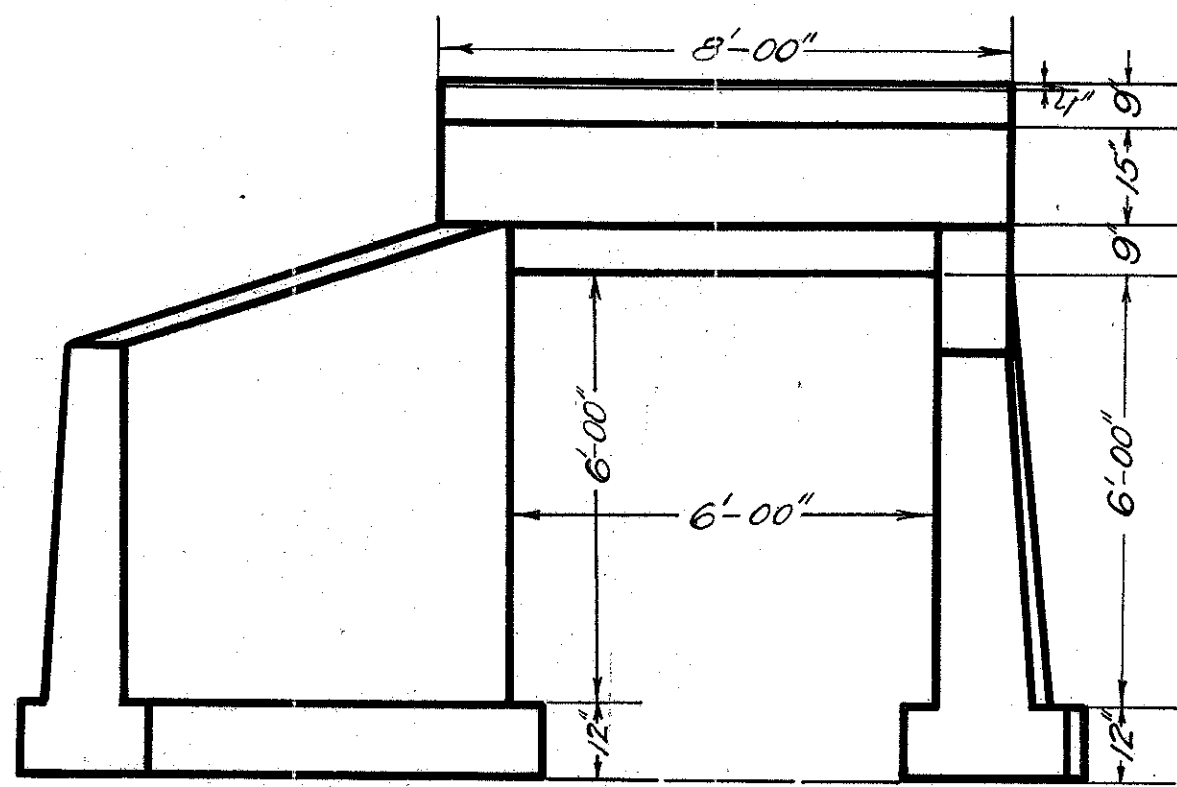
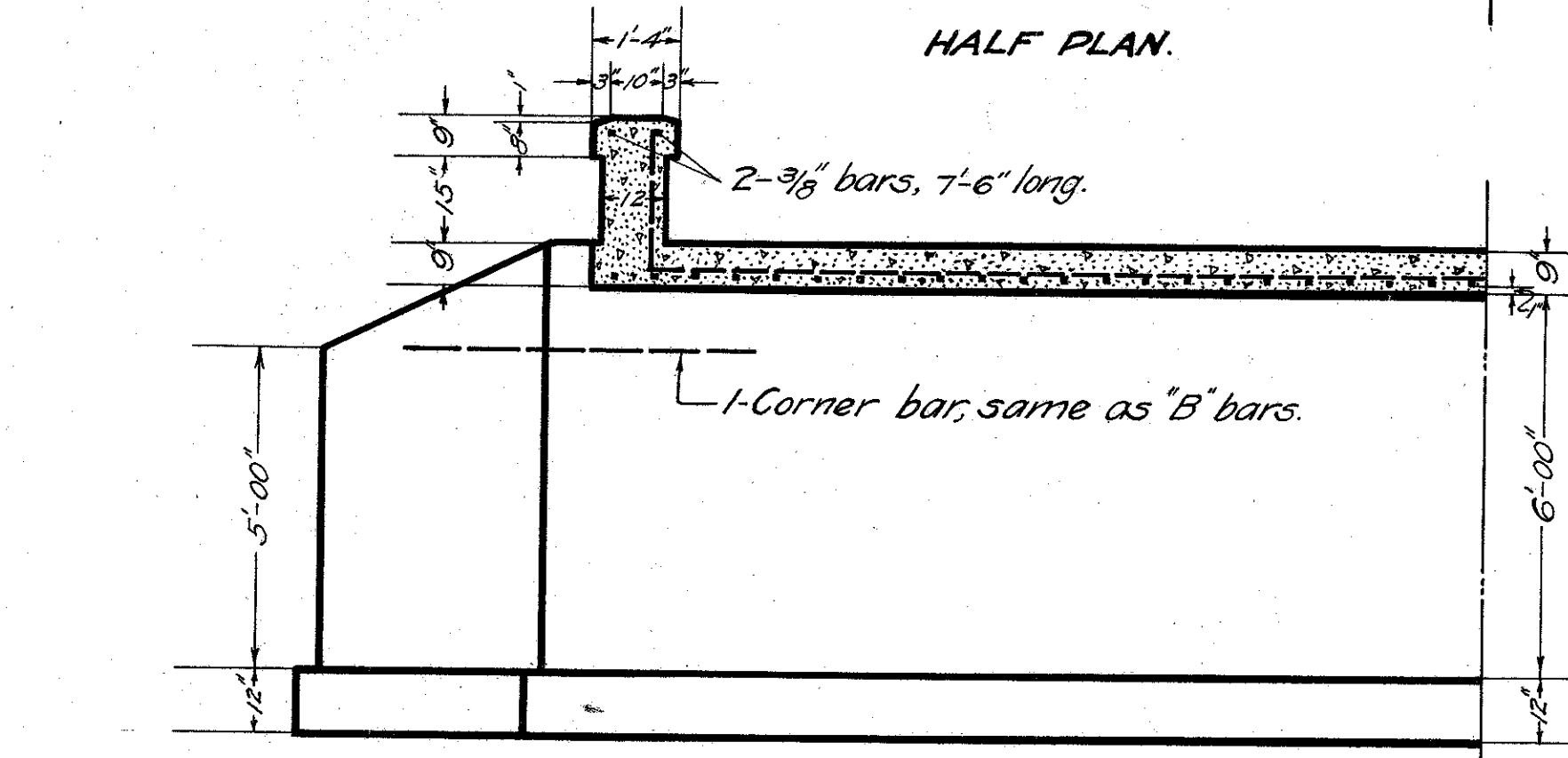




Note - 'A' bars are 1/2" spaced 2'-00" on centers.
'B' bars are 5/8" spaced 7 1/2" on centers.

STEEL REQUIRED.

No of Pieces	Length		Size	Weight
	Feet	Inches		
45	7	6	5/8"	450 #
4	31	0	1/2"	105
4	7	6	3/8"	15
4	7	6	5/8"	40



HALF LONGITUDINAL SEC. SHOWING STRAIGHT WINGS.

CROSS-SECTION.

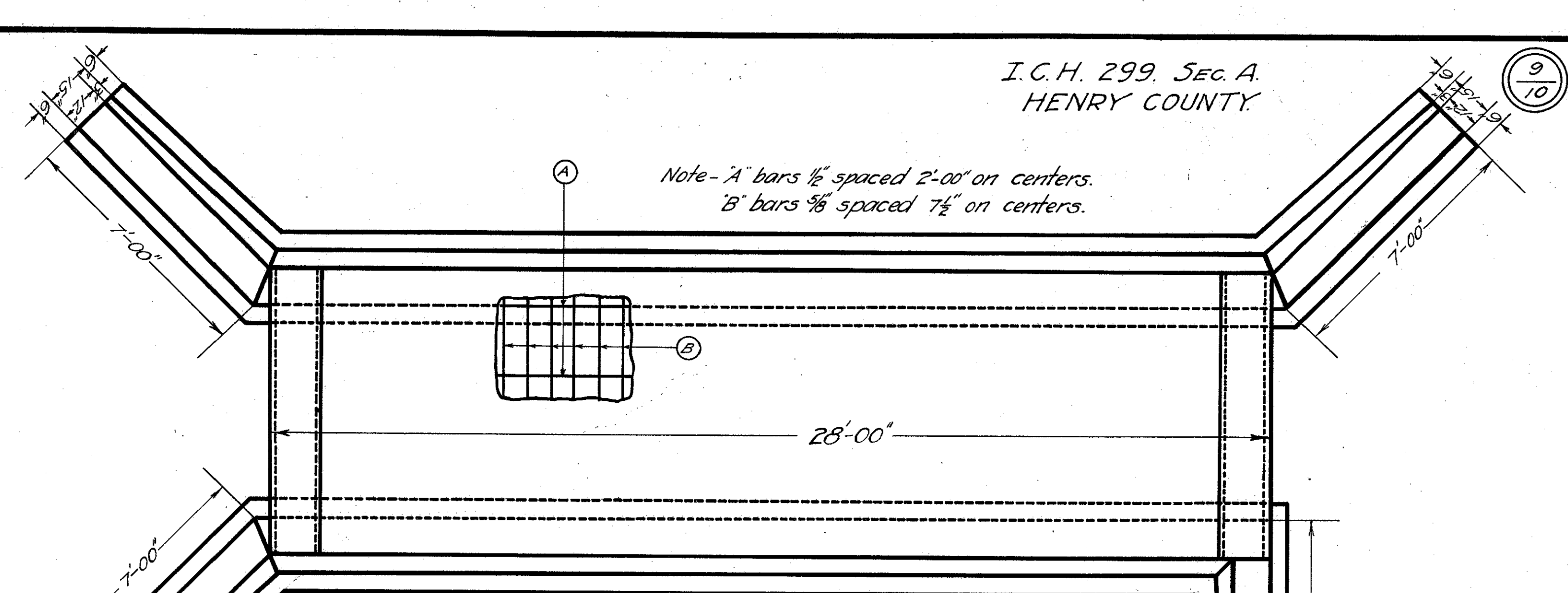
QUANTITIES.

Excavation	82 cu.yd.
1:2:4 Concrete	7.4 " "
1:2 1/2:5 Concrete	30.4 " "
Reinforcing steel	610.0 lbs.

CONCRETE CULVERT.
ST. 43+50.

GENERAL NOTES

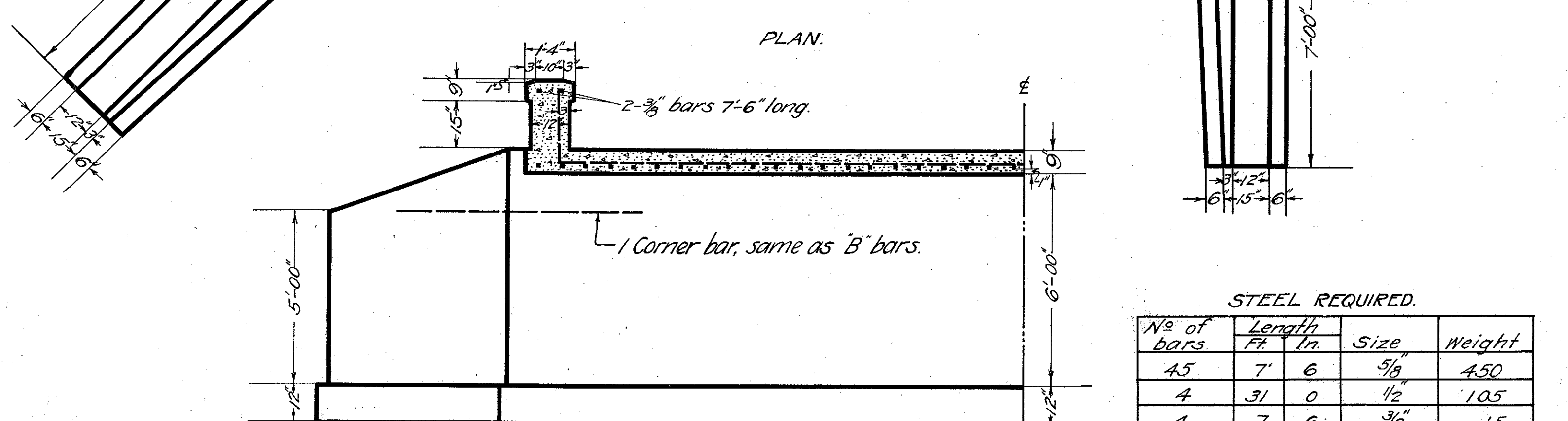
All exposed edges shall be either beveled with triangular strips built into the forms or rounded with an edging tool.
All reinforcing steel shall be square twisted bars or deformed bars of equivalent sectional area.
Concrete in abutments and wings to be 1:2 1/2:5 mix. Floor and railing to be 1:2:4 mix.
See summary sheet for miscellaneous notes.



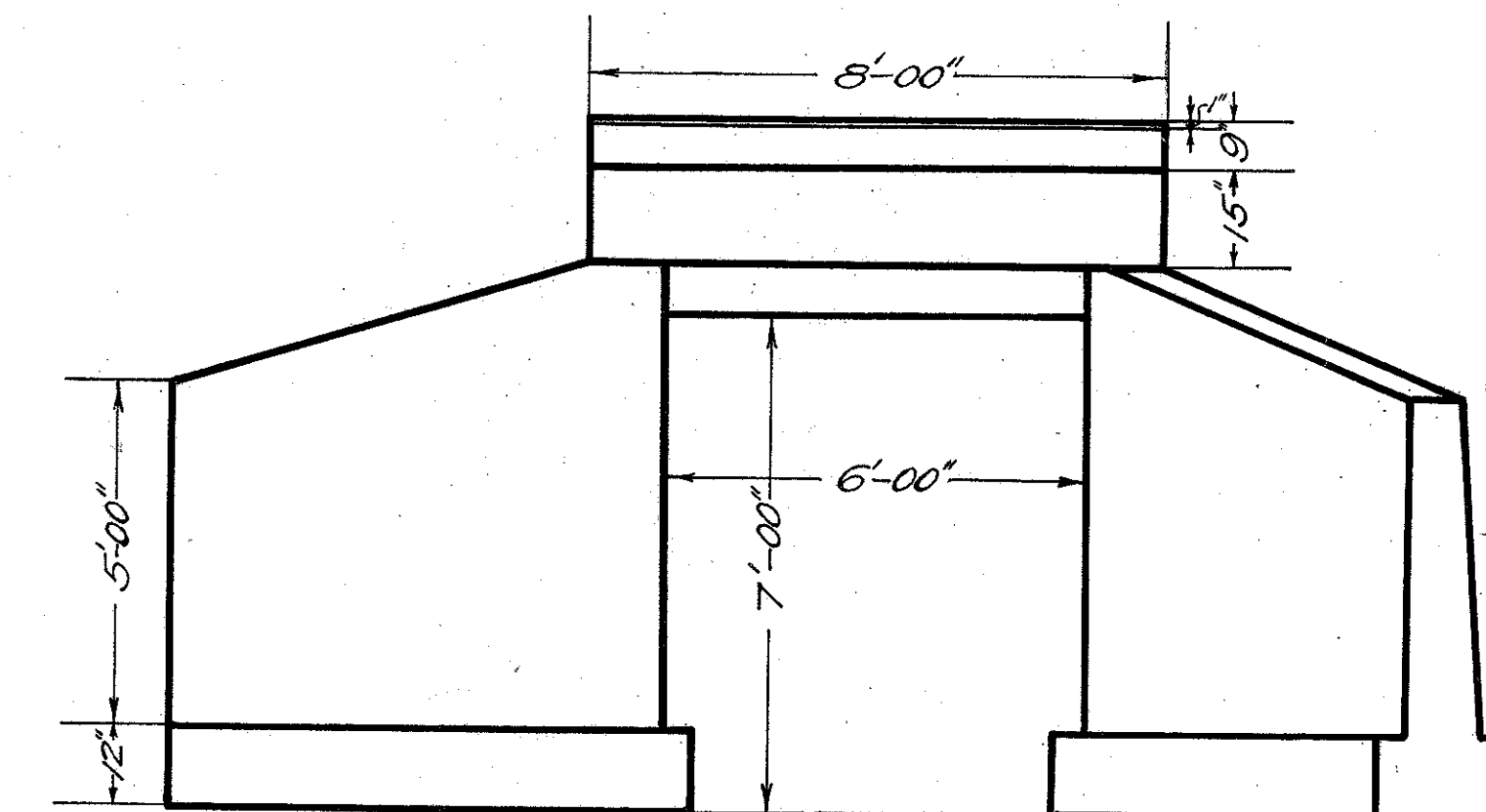
Note - 'A' bars 1/2" spaced 2'-00" on centers.
'B' bars 5/8" spaced 7 1/2" on centers.

STEEL REQUIRED.

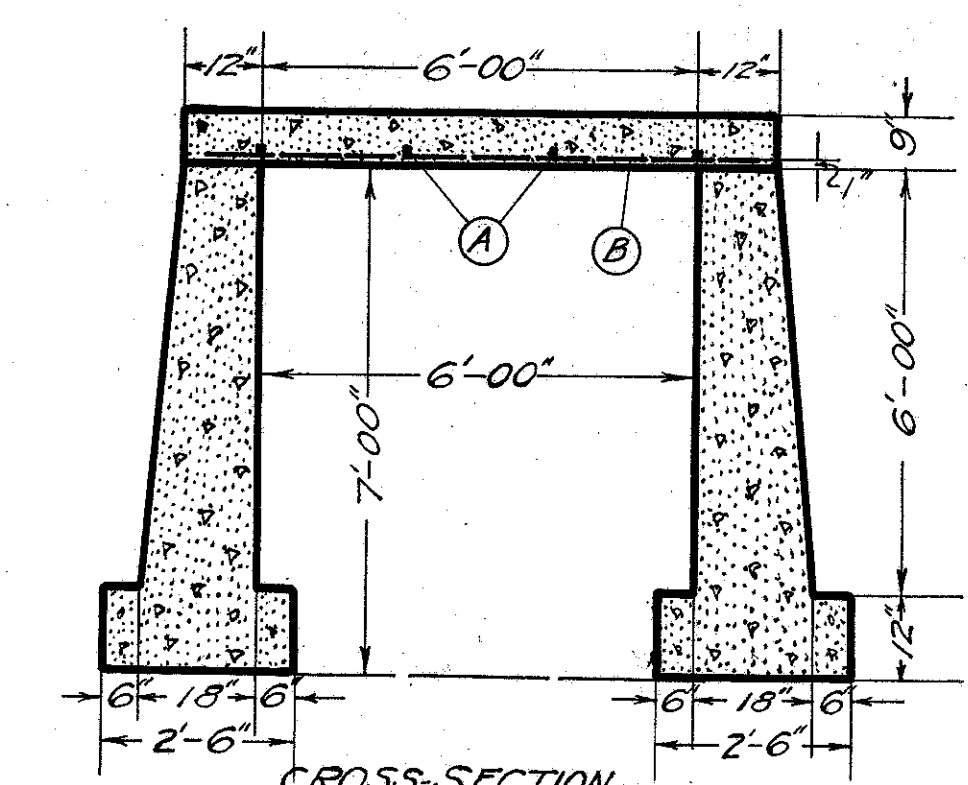
No of bars	Length		Size	Weight
	Feet	Inches		
45	7	6	5/8"	450
4	31	0	1/2"	105
4	7	6	3/8"	15
4	7	6	5/8"	40



HALF LONGITUDINAL SECTION.



END VIEW.



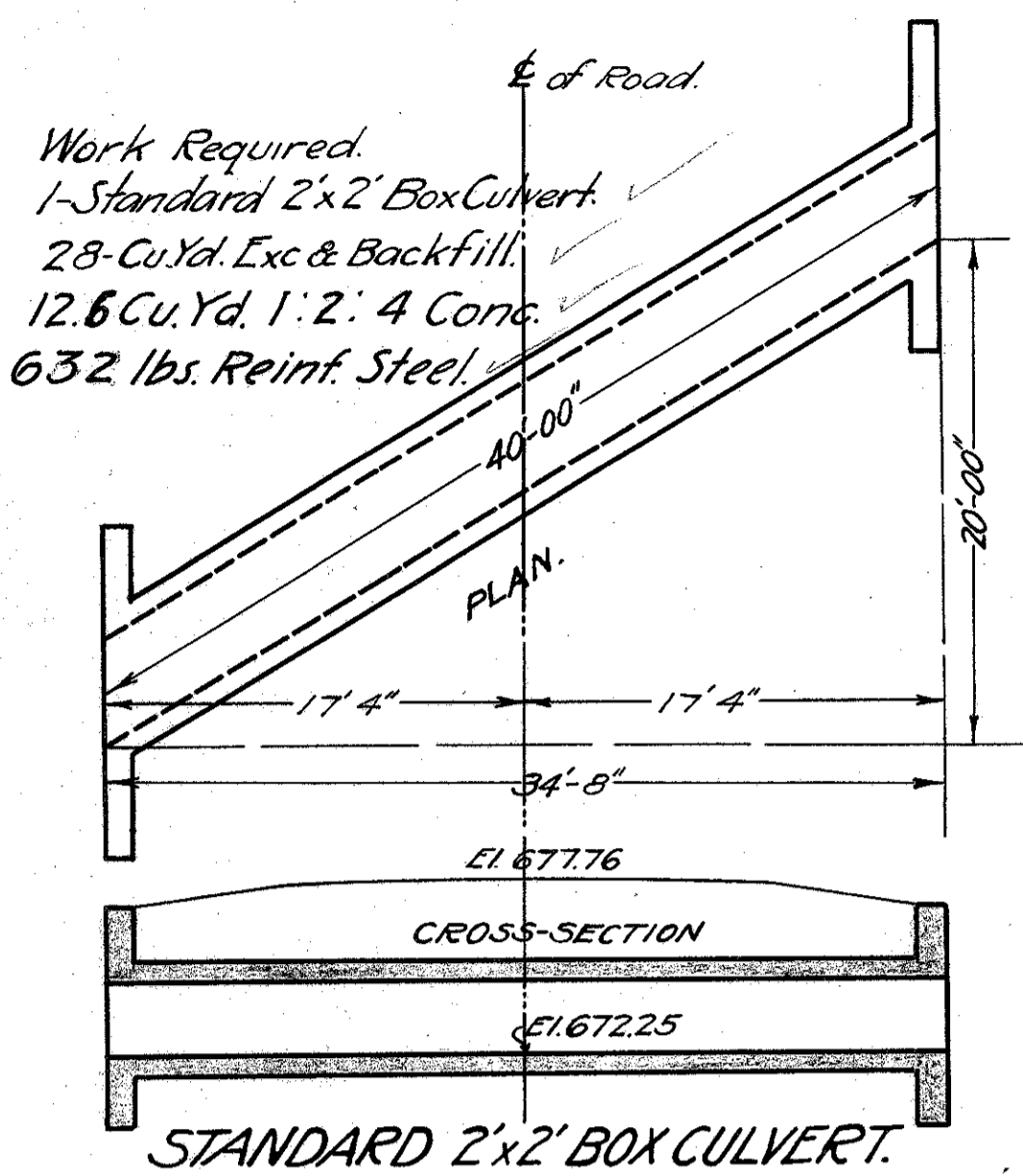
CROSS-SECTION.

QUANTITIES.

Excavation	132 cu.yd.
1:2:4 Concrete	7.4 " "
1:2 1/2:5 concrete	30.4 " "
Reinforcing steel	610.0 lbs.

CONCRETE CULVERT.
ST. 81.

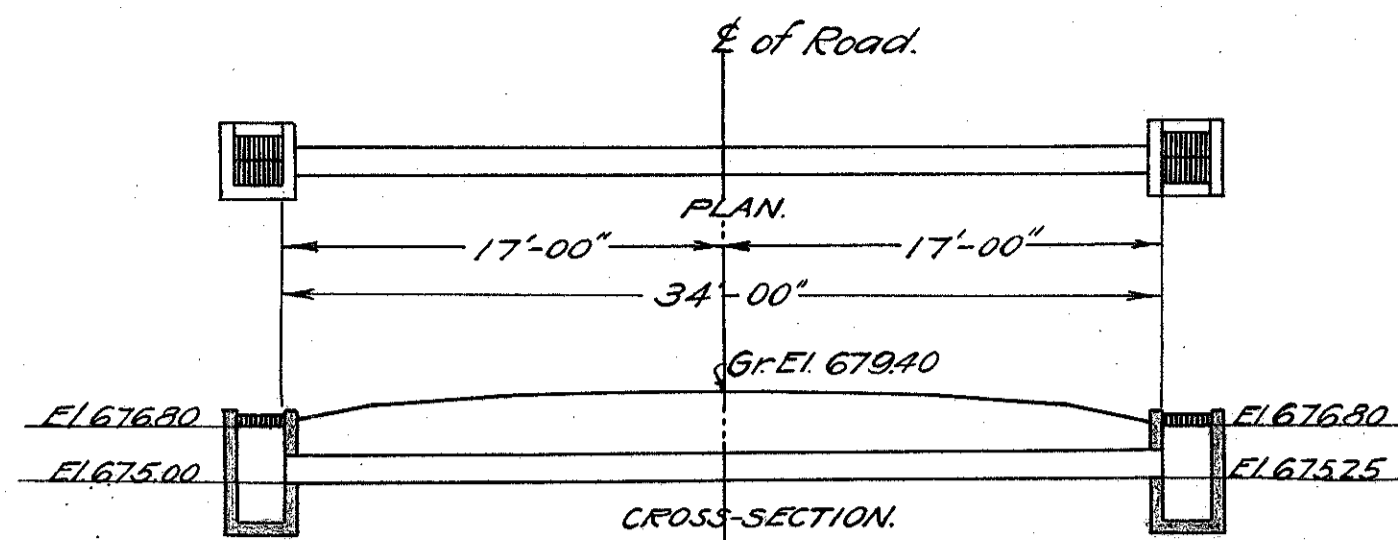
Handwritten signature or initials.



Work Required.
 1-Standard 2'x2' Box Culvert.
 28-Cu.Yd. Exc. & Backfill.
 12.6 Cu.Yd. 1:2:4 Conc.
 632 lbs. Reinf. Steel.

STANDARD 2'x2' BOX CULVERT.

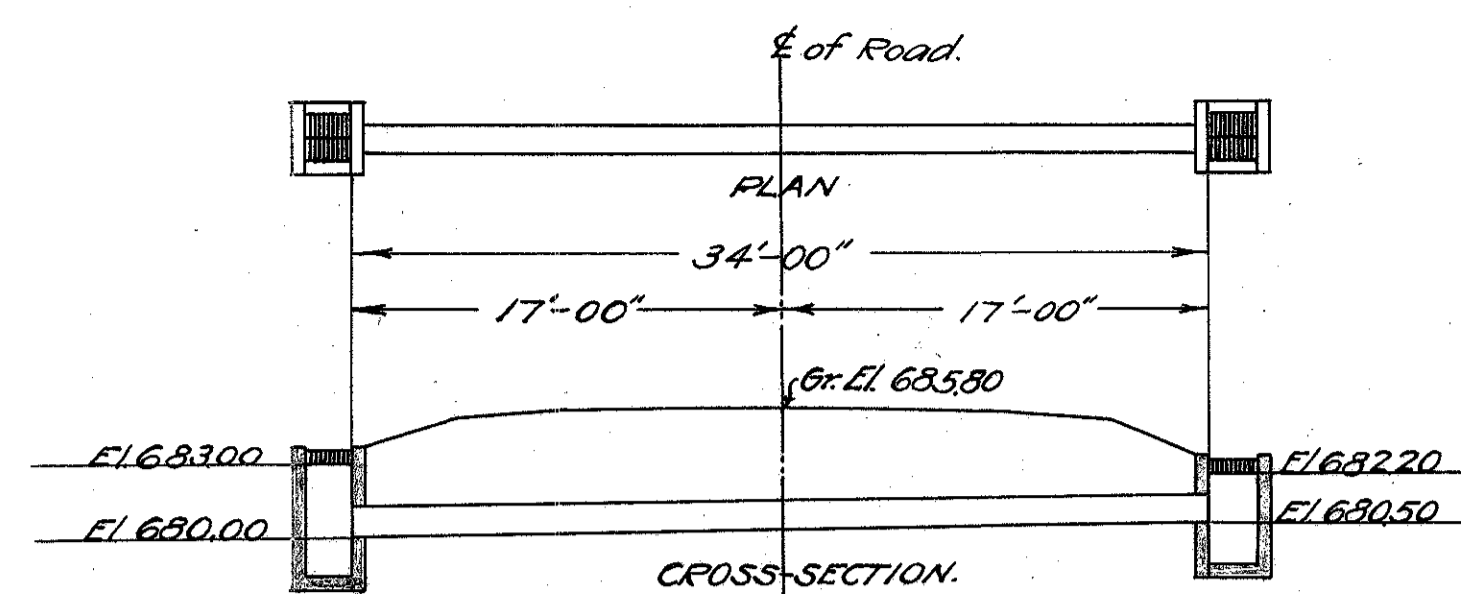
ST.18+27.



Work Required.
 34'-12" Cast Iron Pipe.
 2-Standard Catch Basins.
 11-Cu.Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

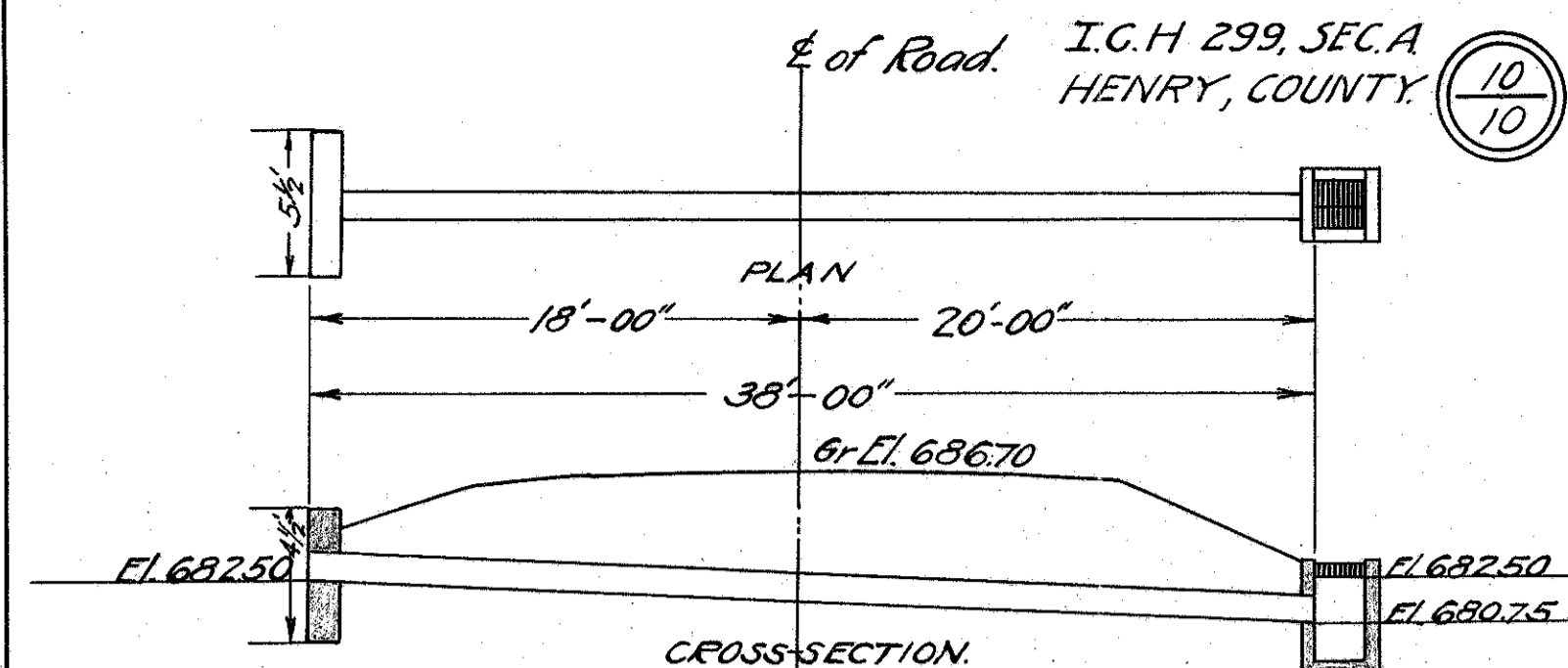
ST. 63+25.



Work Required.
 34'-12" Cast Iron Pipe.
 2-Standard Catch Basins.
 9 Cu. Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

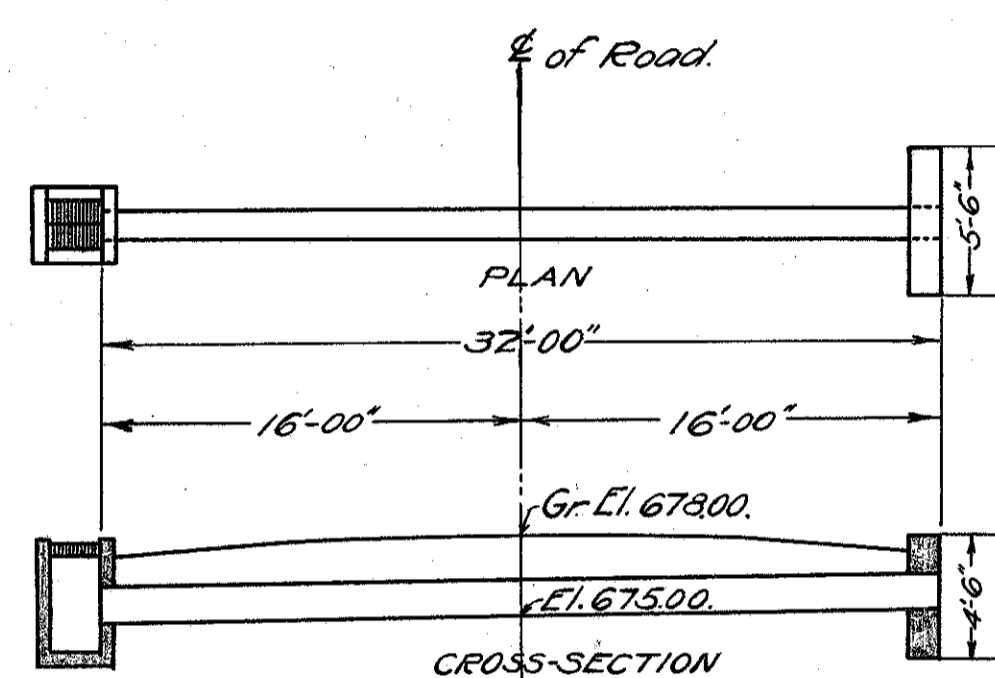
ST. 111+80.



Work Required.
 38'-12" Cast Iron Pipe.
 1-Standard Catch Basin.
 1-Standard Headwall.
 8 Cu. Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

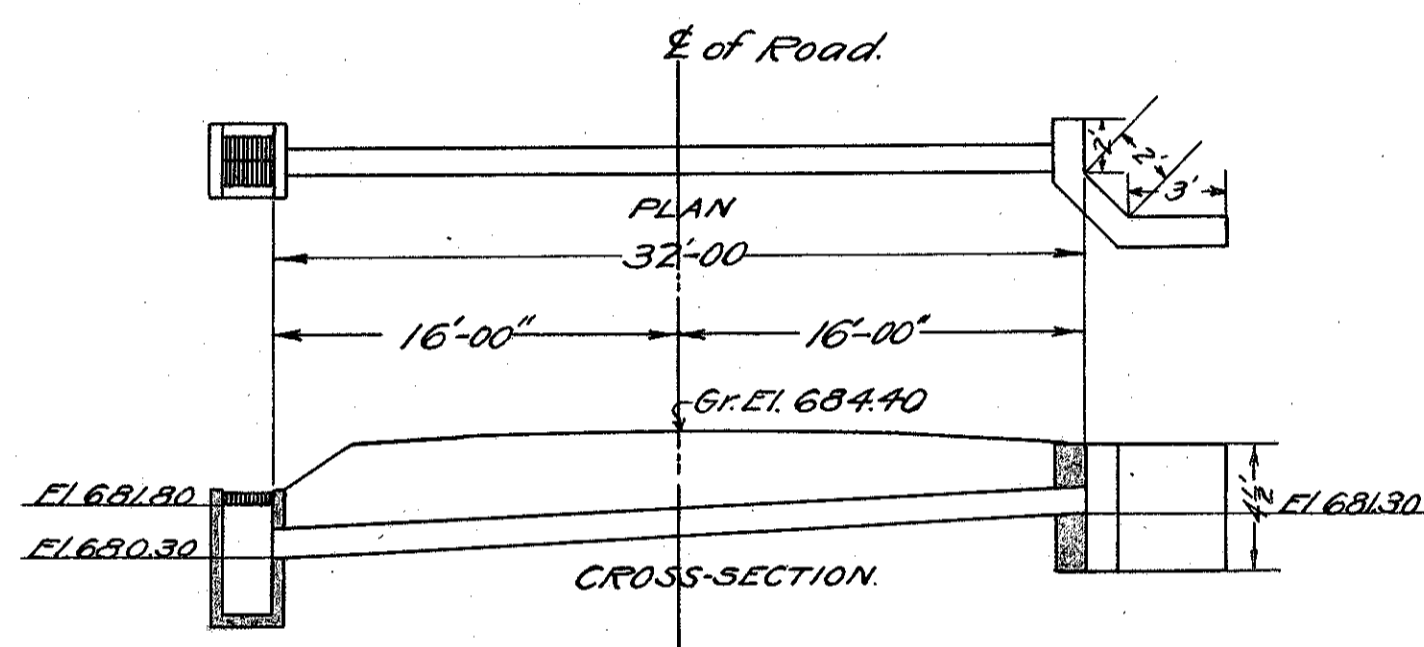
ST.142+00.



Work Required.
 32'-12" Cast Iron Pipe.
 1-Standard Catch Basin.
 1-Standard Headwall.
 9 Cu. Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

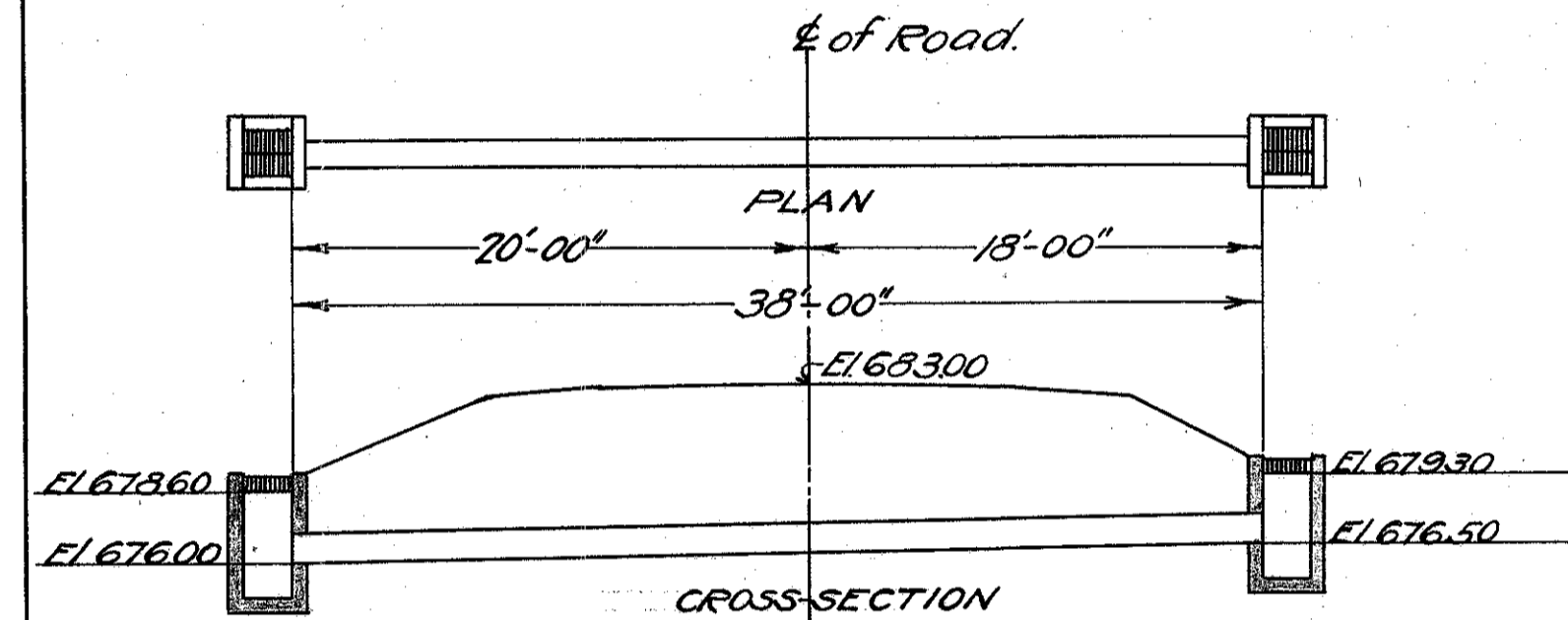
ST.36+00.



Work Required.
 32'-12" Cast Iron Pipe.
 1-Standard Catch Basin.
 1-Headwall, Side Road Standard.
 12 Cu. Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

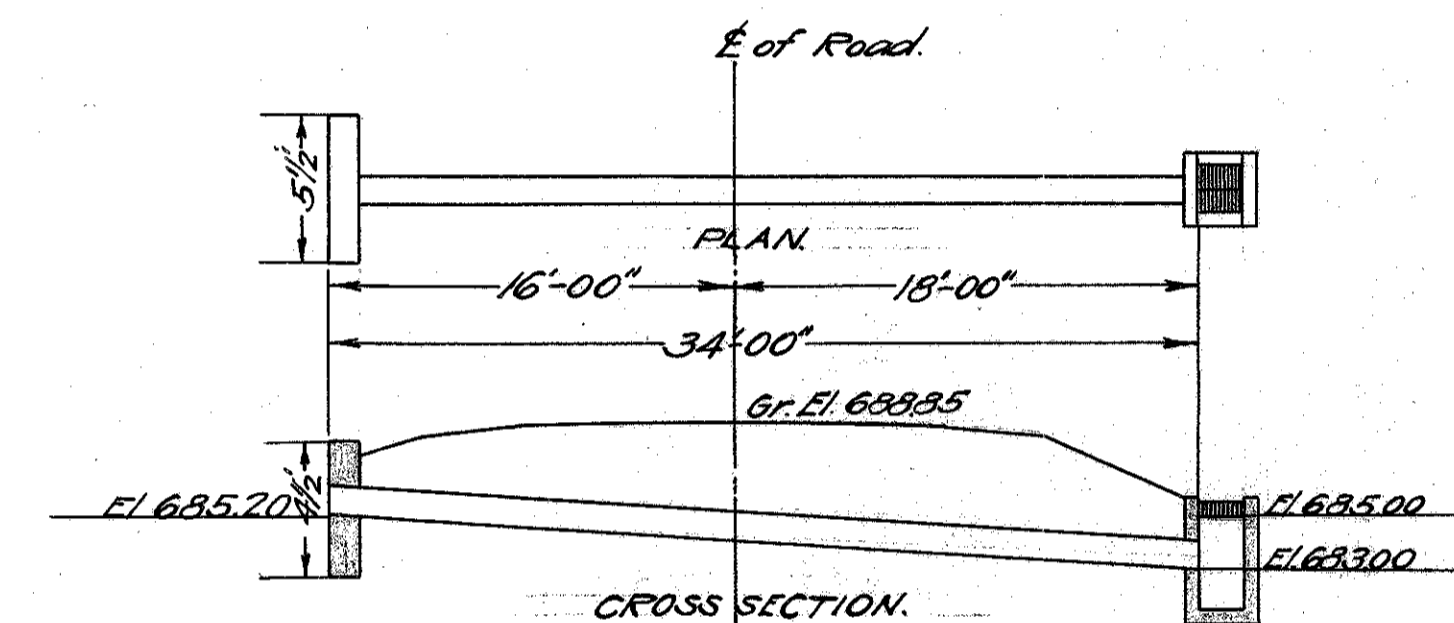
ST.96+58.



Work Required.
 38'-12" Cast Iron Pipe.
 2-Standard Catch Basins.
 11 Cu. Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

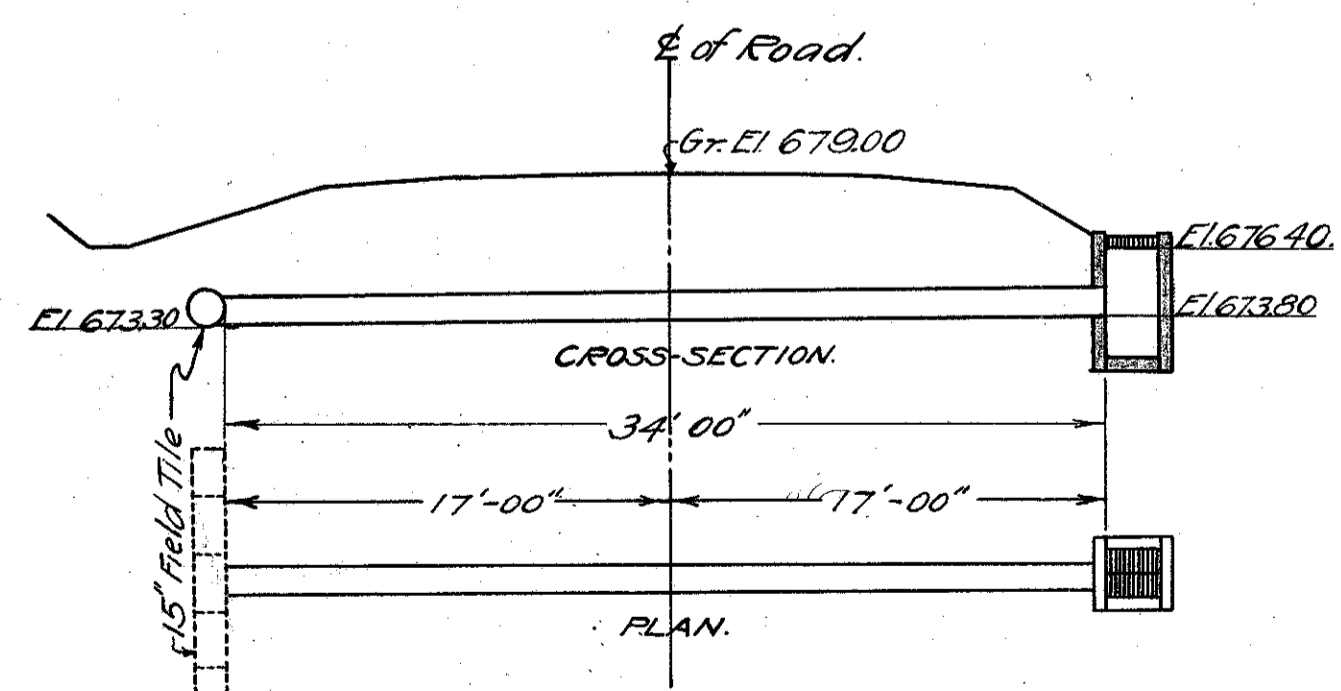
ST.121+00.



Work Required.
 34'-12" Cast Iron Pipe.
 1-Standard Catch Basin.
 1-Standard Headwall.
 9 Cu. Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

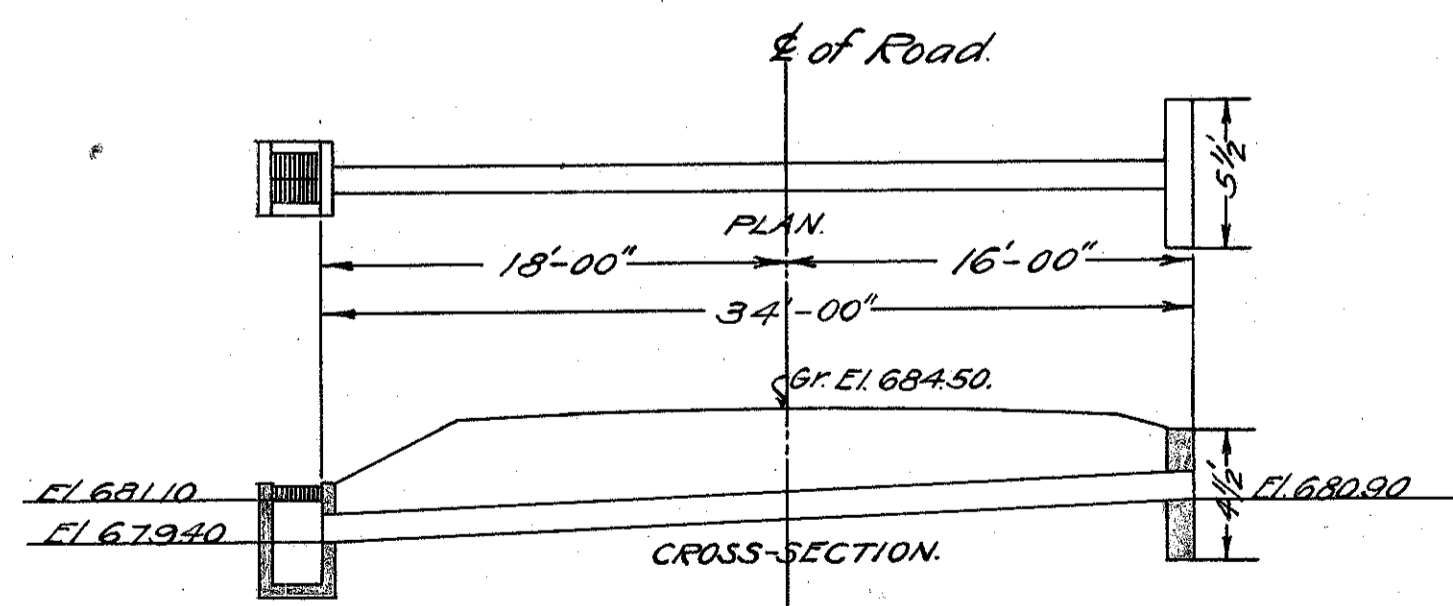
ST.147+00.



Work Required.
 34'-12" Cast Iron Pipe.
 1-Standard Catch Basin.
 11 Cu. Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

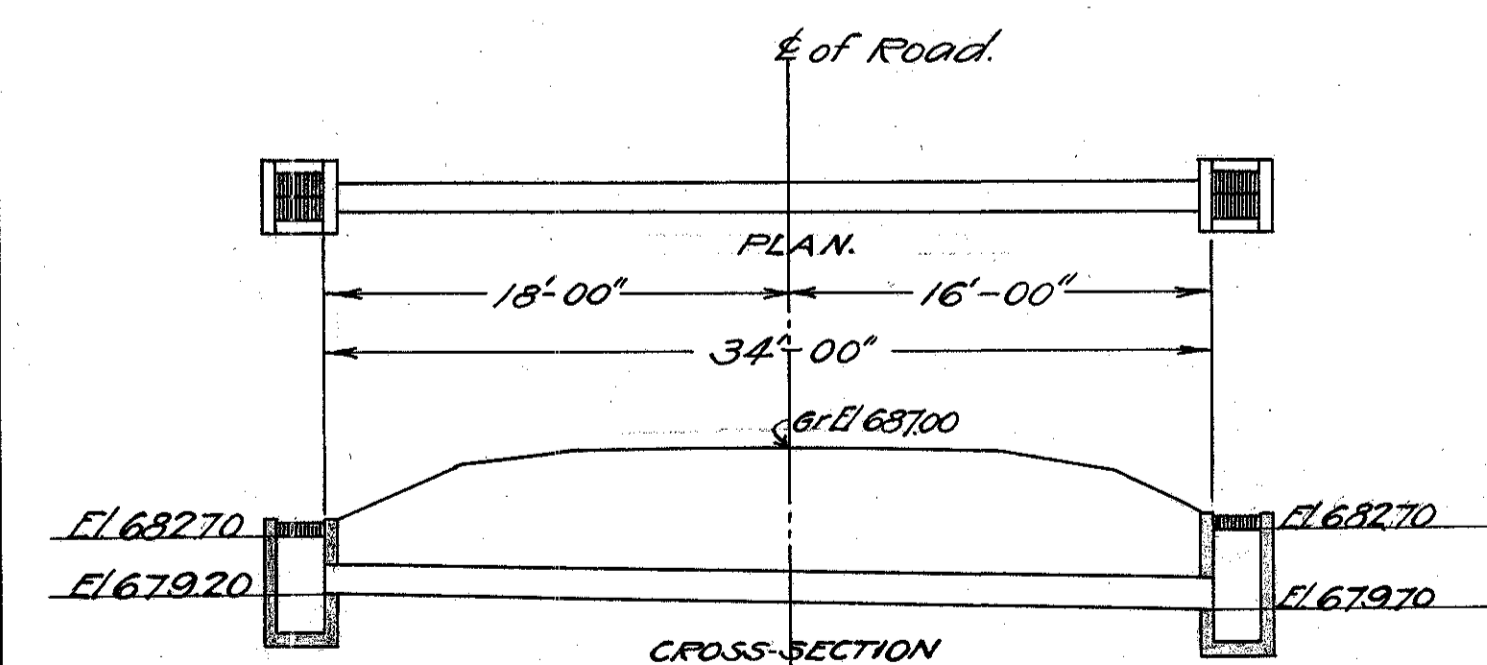
ST.55+00.



Work Required.
 34'-12" Cast Iron Pipe.
 1-Catch Basin, Standard.
 1-Standard Headwall.
 10-Cu. Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

ST.104+00.



Work Required.
 34'-12" Cast Iron Pipe.
 2-Standard Catch Basins.
 8 Cu. Yd. Exc. & Backfill.

Use Standard Curved C.B. Top No. 1.

ST.133+54.

NOTE.
 For miscellaneous notes, see Summary sheet.

SUMMARY OF QUANTITIES FOR BRIDGES AND CULVERTS.

Station	Type	Size	Excavation Cu Yd	CONCRETE			CAST IRON PIPE			Reinforcing Steel Pounds	Headwalls Standard	Catch Basins Standard	MISCELLANEOUS	REMARKS
				1:2:4 Cu Yd	1:2 1/2:5 Cu Yd	1:3:6 Cu Yd	8" Lin Ft	10" Lin Ft	12" Lin Ft					
18+27	Concrete Box	7'x7'x40'	28	12.5					632			Remove Old I.S.P. and Headwalls. See	Standard Concrete Box	
36+00	C.I. Pipe	12"x32'	9					32		1	1		Headwall 12" Standard	
43+50	Concrete Culvert	6'x28'	82	74	304				610			Remove Old I.S.P. and Headwalls. See	See Attached Plans	
55+00	C.I. Pipe	12"x34'	11					34			1			
63+25	C.I. Pipe	12"x34'	11					34			2			
81+00	Concrete Culvert	6'x28'	132	74	304				610			Remove I.S.P. and Headwalls. See Attached Plans.	See Attached Plans	
96+58	C.I. Pipe	12"x32'	12					32		1	1		Headwall Side Road 12" Standard	
104+00	C.I. Pipe	12"x34'	10					34		1	1		Headwall 12" Standard	
111+80	C.I. Pipe	12"x32'	9					34			2			
121+00	C.I. Pipe	12"x38'	11					38			2			
133+54	C.I. Pipe	12"x34'	8					34			2			
142+00	C.I. Pipe	12"x34'	8					38		1	1		Headwall 12" Standard	
147+00	C.I. Pipe	12"x30'	9					34		1	1		Headwall 12" Standard	
Total Quantities			340	274	608			344	1852	5	14	\$6750		