

STATE OF OHIO
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
DIVISION OF HIGHWAYS
BUREAU OF CONSTRUCTION

OTTAWA - NAPOLEON ROAD

I.C.H. No. 317. SEC. B PET. No. 4206

HENRY COUNTY
FLATROCK AND NAPOLEON TWPS. JANUARY 1922.

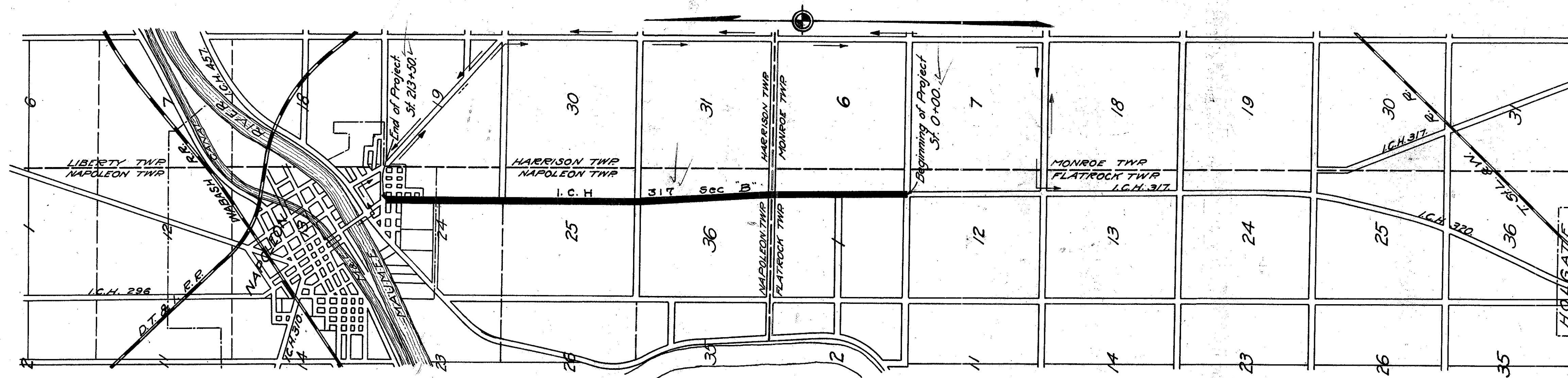
MAIN MARKET ROAD NO. 31.

INDEX

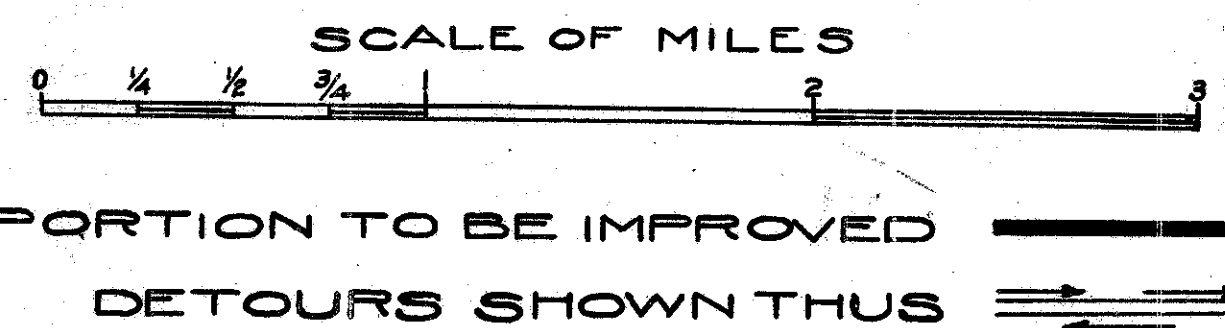
Title Page	p.1
Typical Cross Section	p.2
Plans and Profile	p.3-4-5-6
Cross Sections	p.7-8-9-10-11-12
Structural Plans	p.
Summary Sheet	p.13

SCALES

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



LOCATION PLAN



CONVENTIONAL SIGNS

State line	—————
County line	—————
Township line	—————
Section line	—————
Property line not fenced	—————
Center line	—————
City or village line	—————
Fence	—x—x—x—
Telephone or Telegraph	TTTTTTTT
Steam railroad	—————
Electric line	—————

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimates.

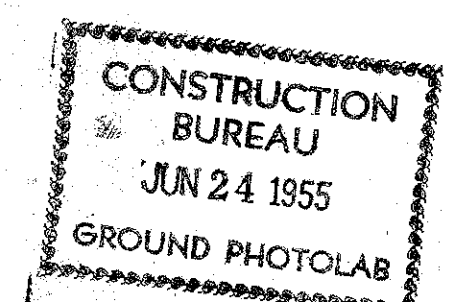
We, the Commissioners of Henry County hereby approve these plans and certify that the right-of-way 60 feet wide, is available for the construction, maintenance and repair of the above highway.

M. F. Russell

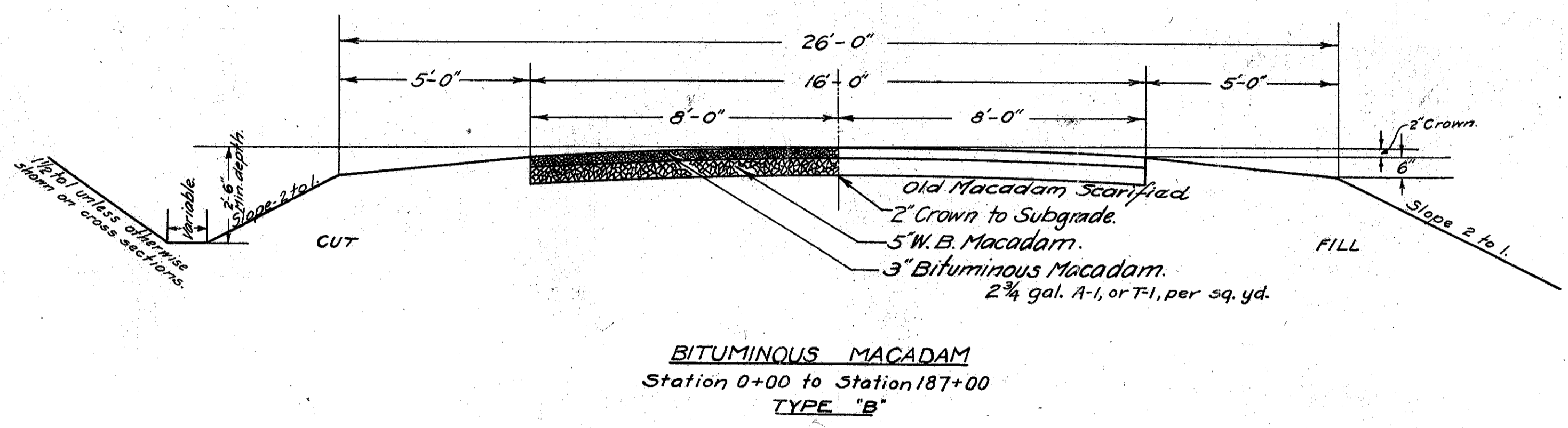
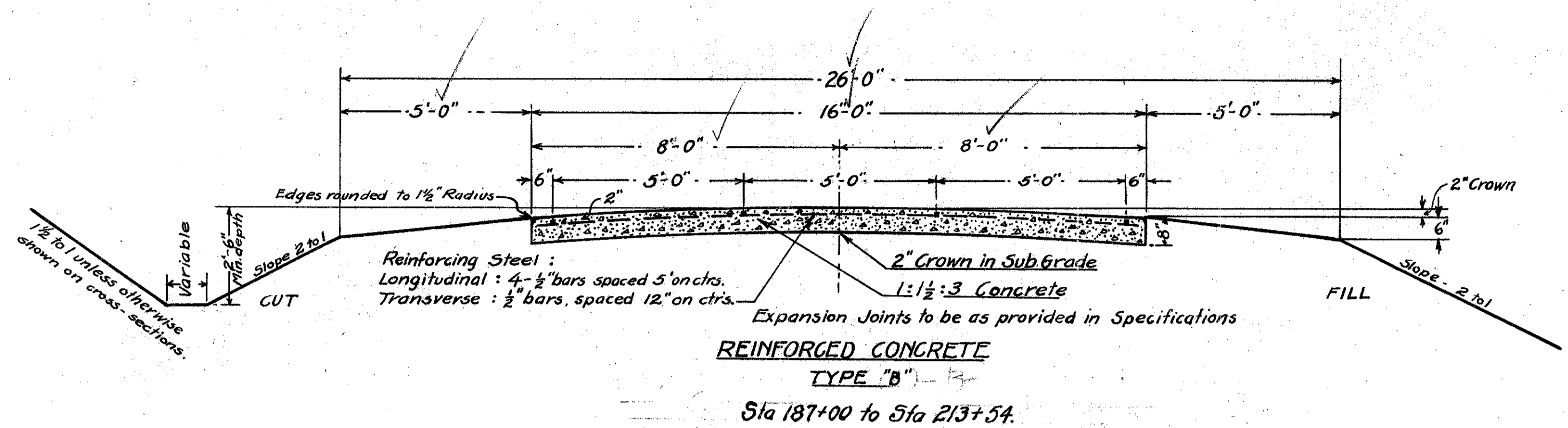
A. B. Jennings

Grant Beam
 Date, 3-22-22 County Commissioners.

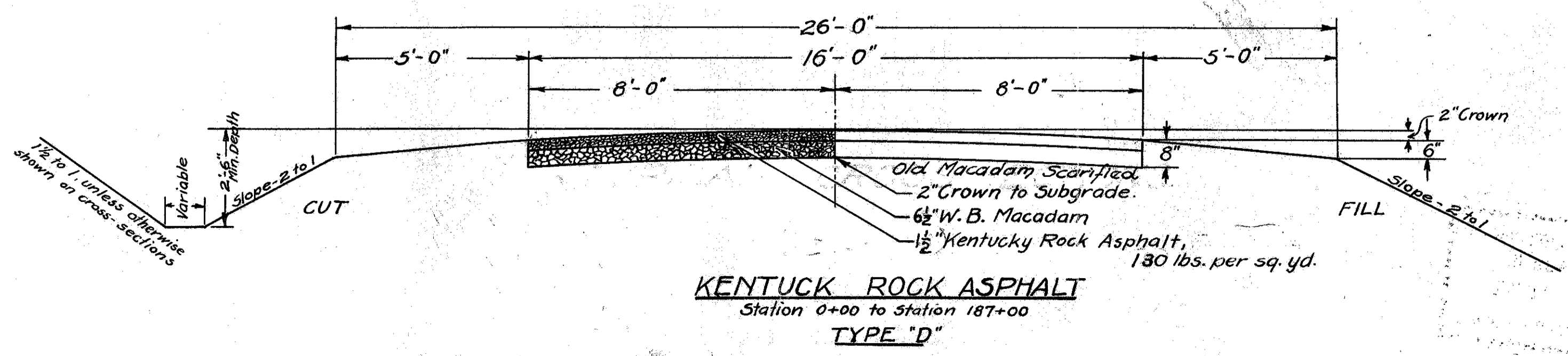
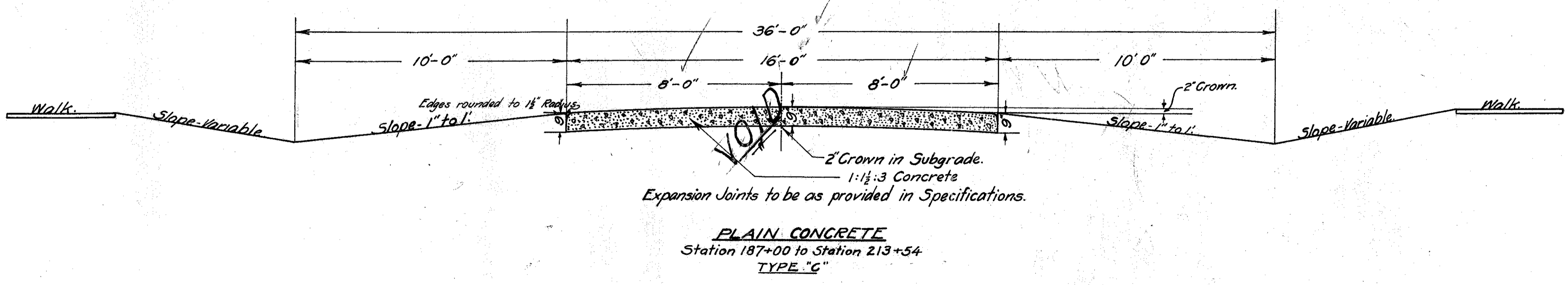
Approved: _____
 Date, 3-22-22 Resident Engineer
R. H. Curdes
 Approved: _____
 Date, 4-18-22 Division Engineer
A. F. Clements
 Approved: _____
 Date, 5/26/22 State Highway Engineer
B. L. ...
 Approved: _____
 Date, 5/26/22 Director of Highways and Public Works
Leon C. Zwick

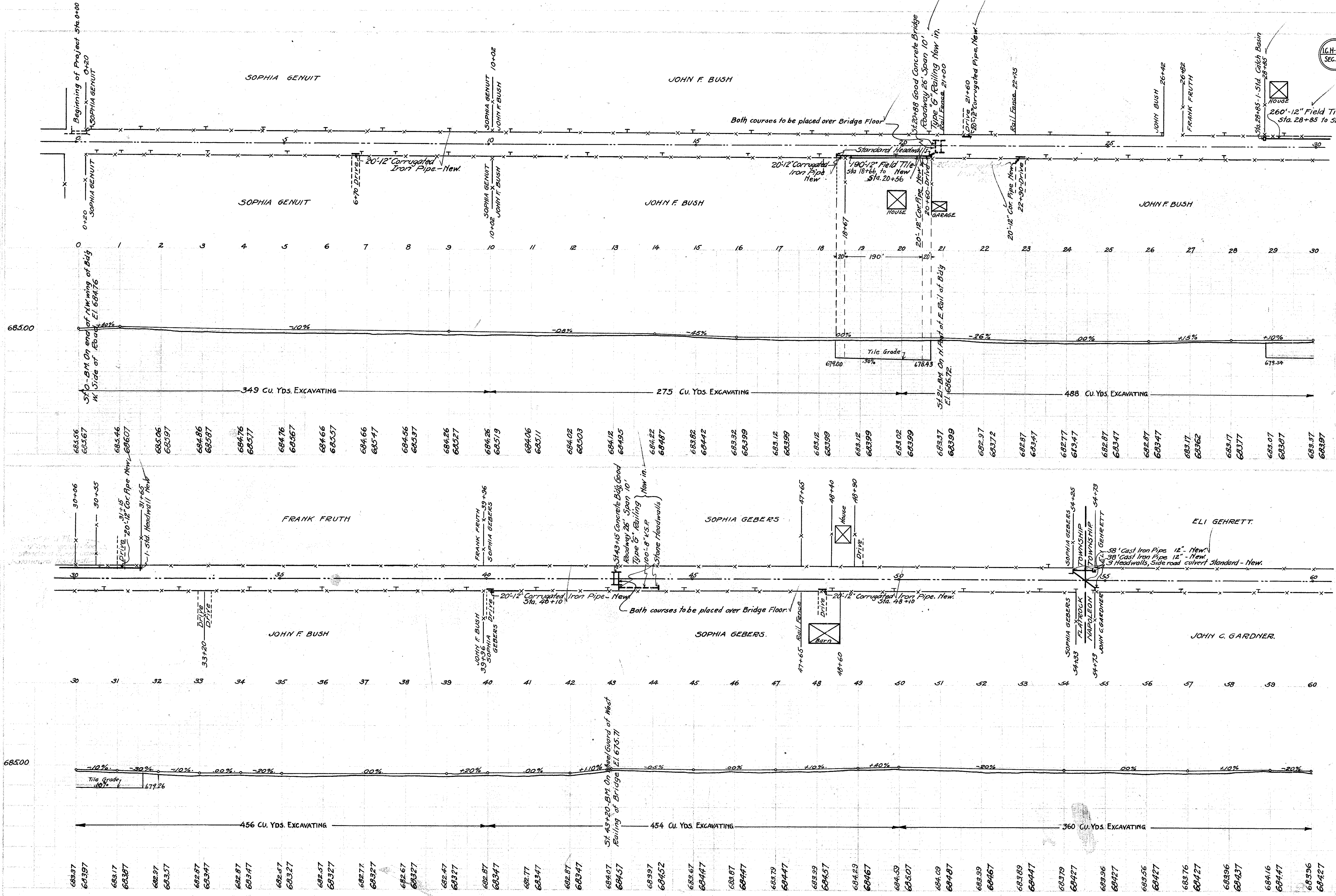


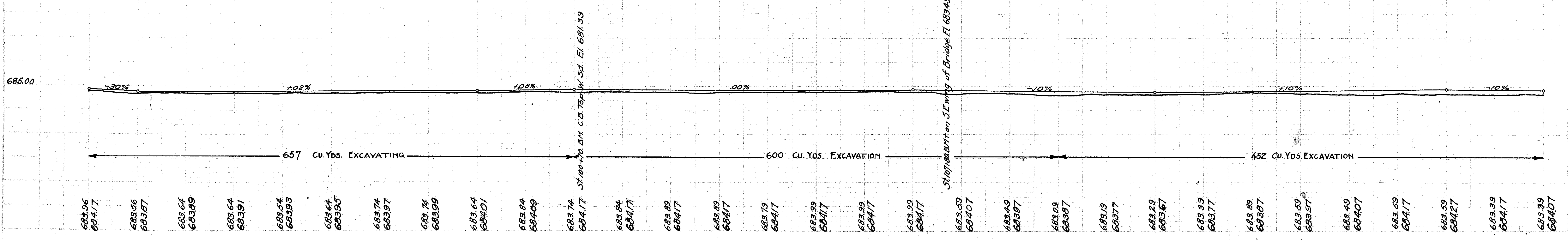
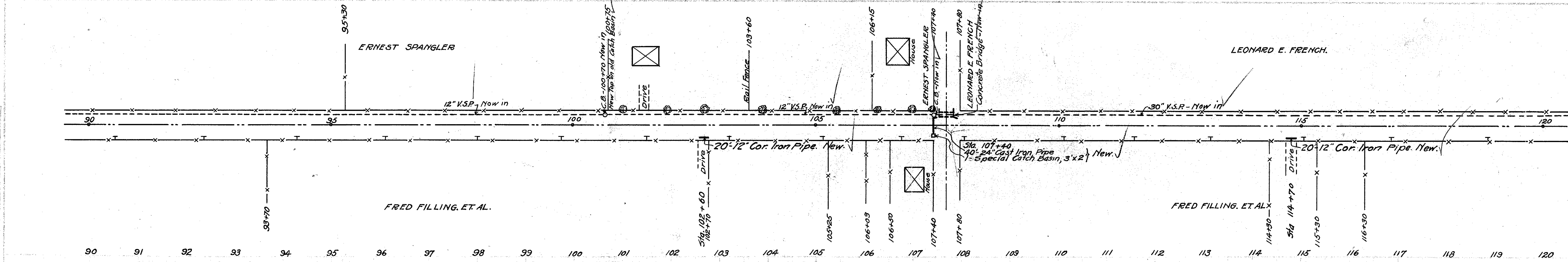
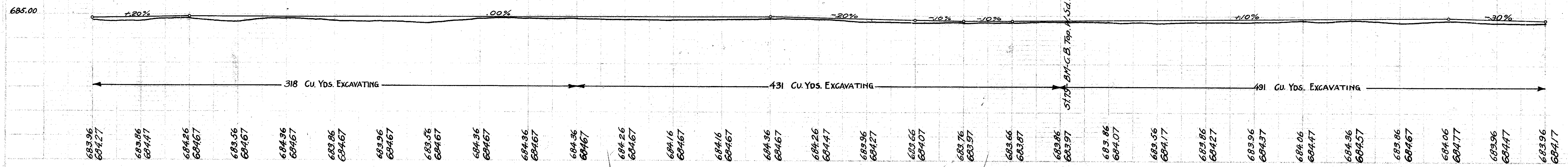
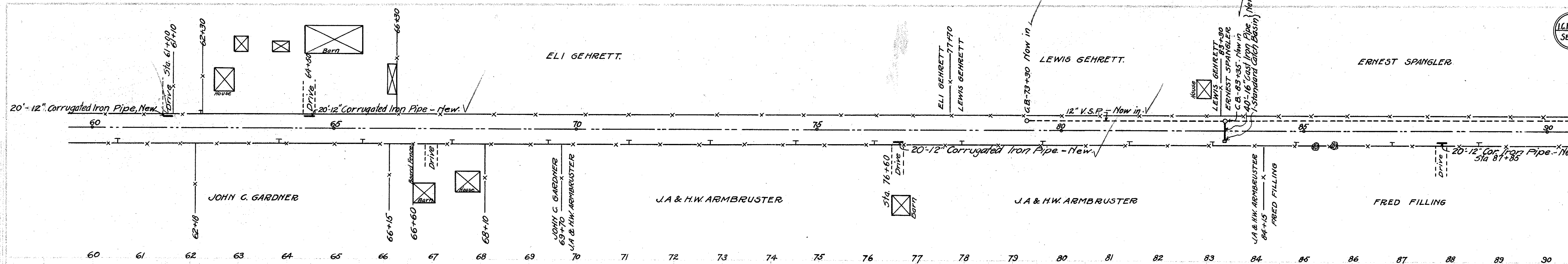
The Standard Specifications of the State of Ohio Division of Highways in force on date of contract will govern this improvement.

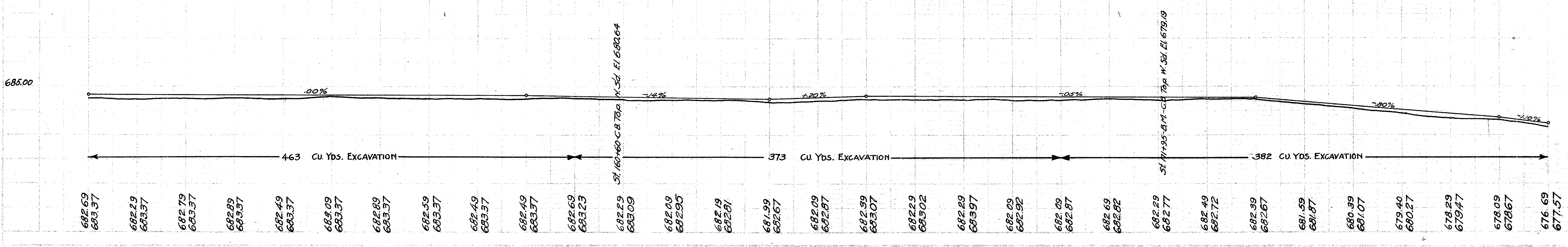
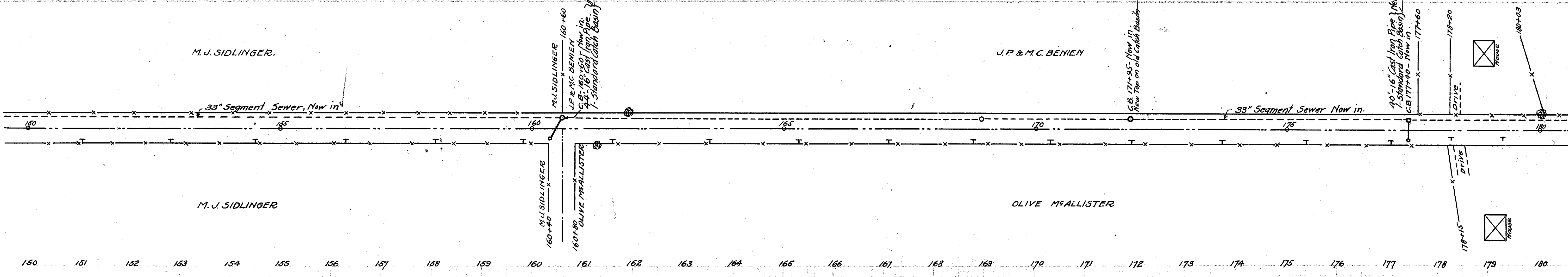
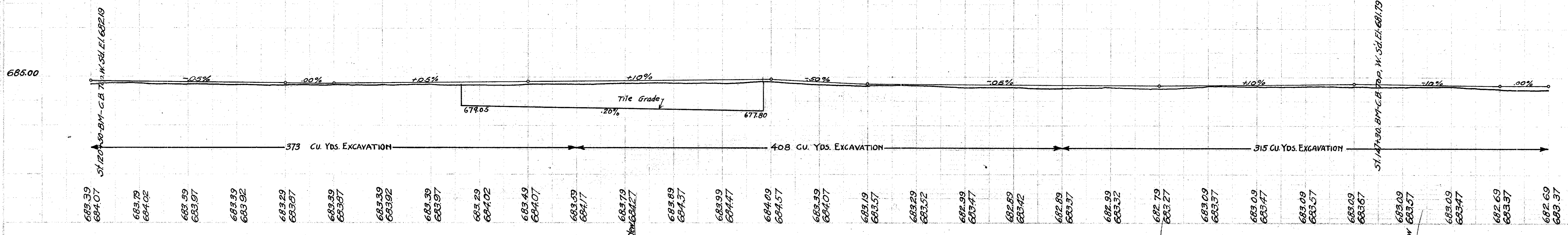
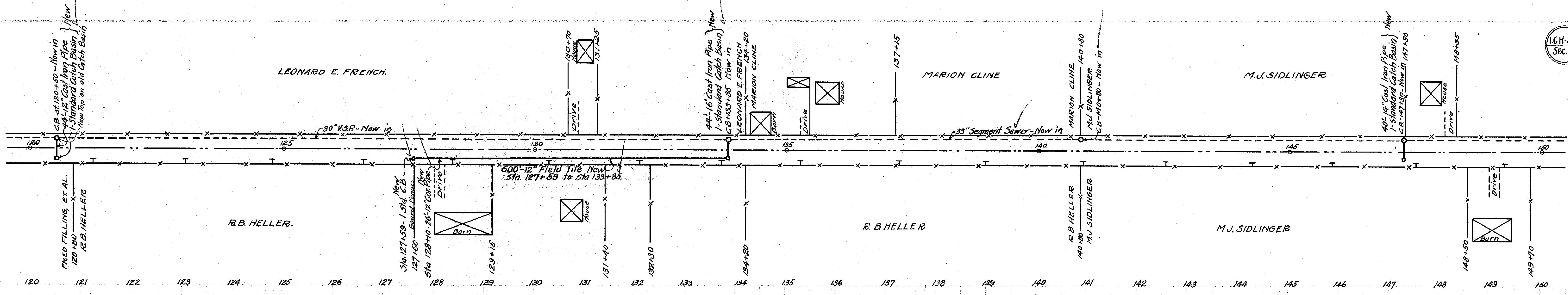


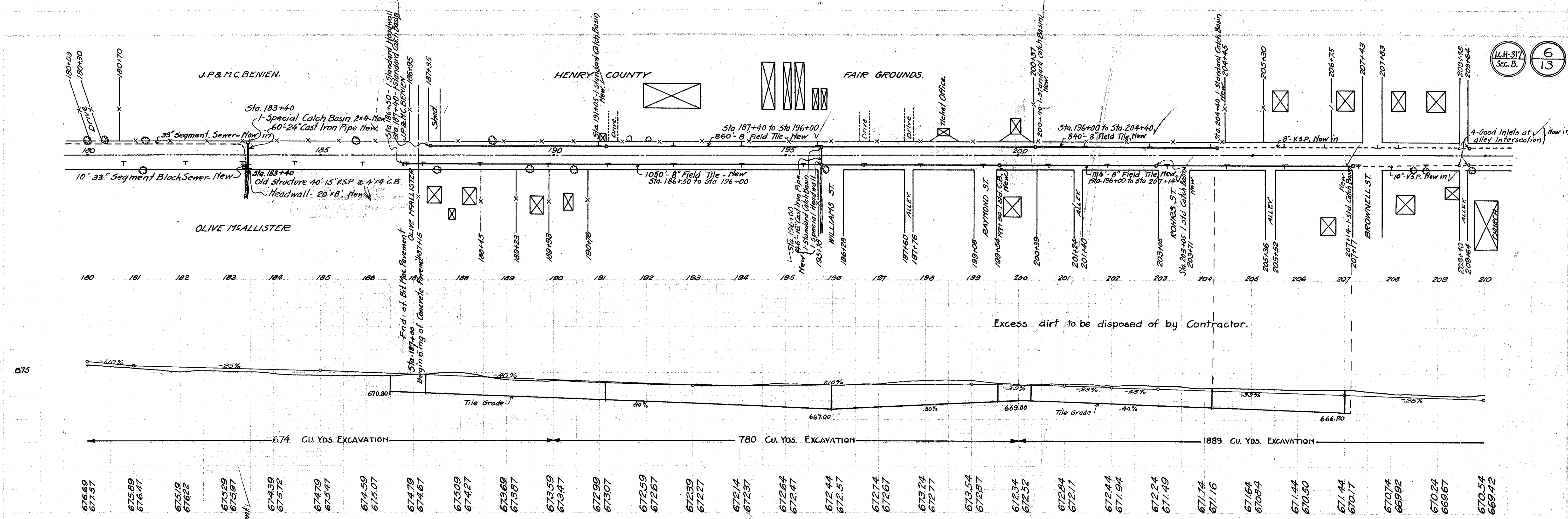
TYPICAL CROSS-SECTIONS



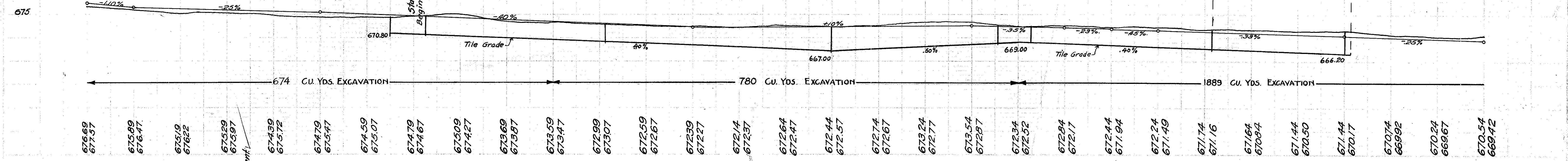




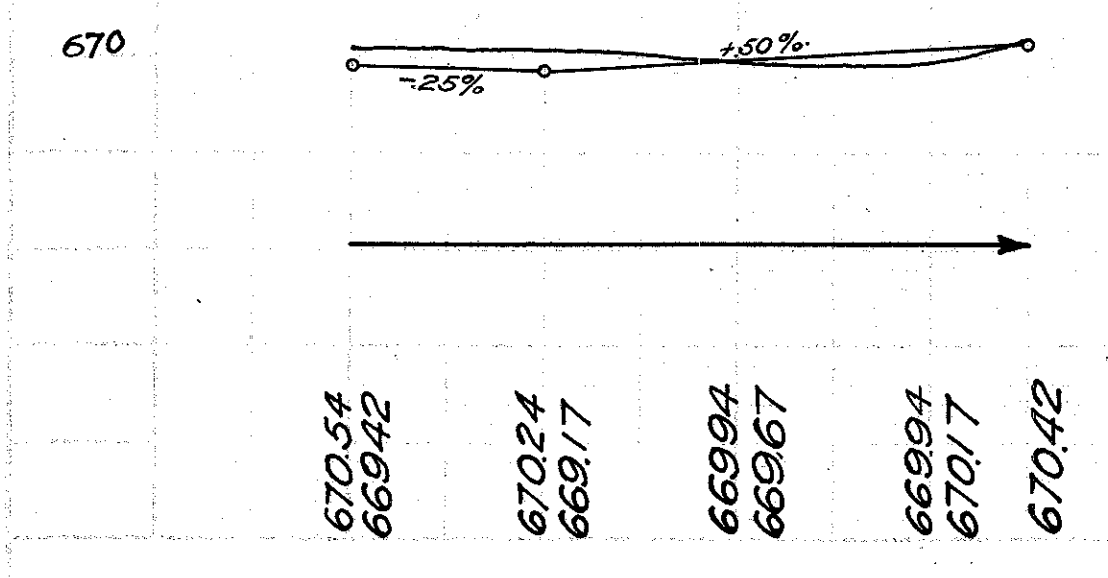
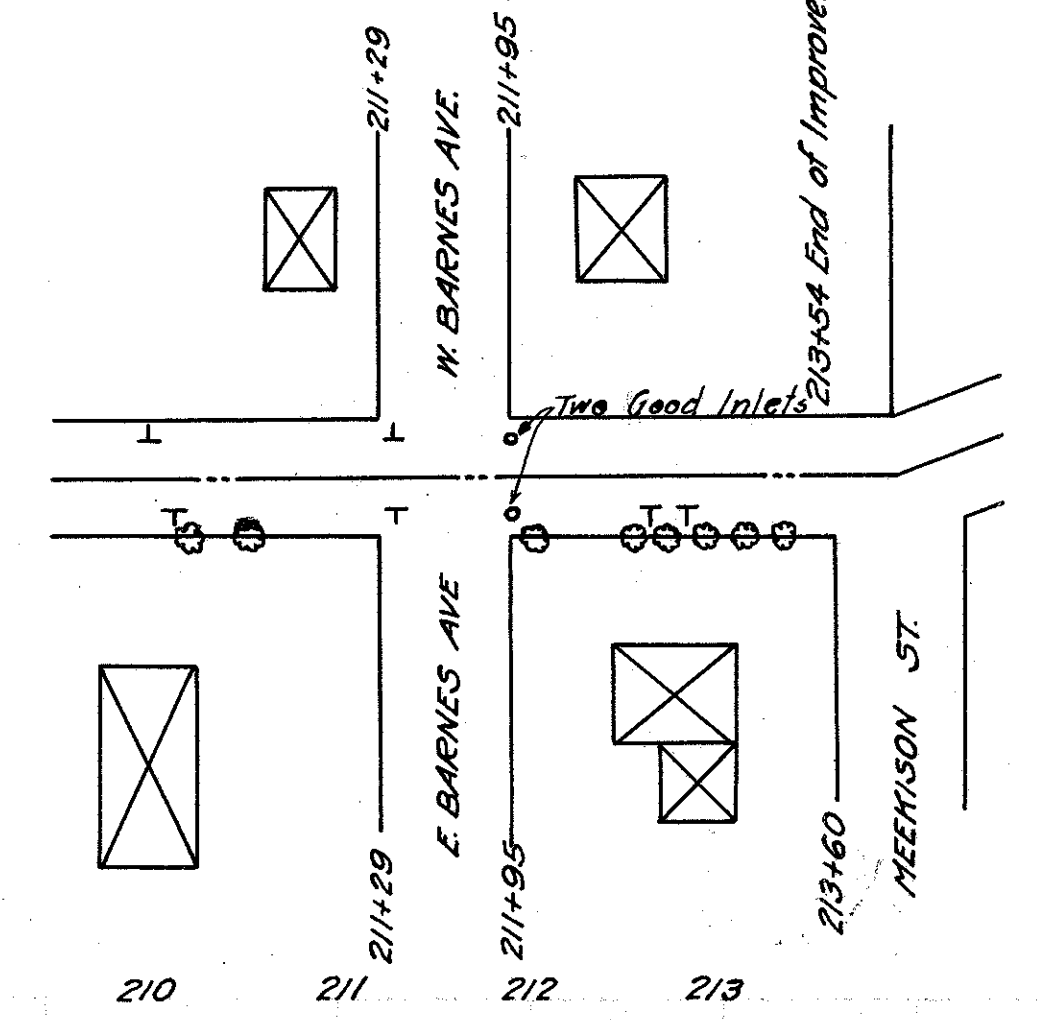




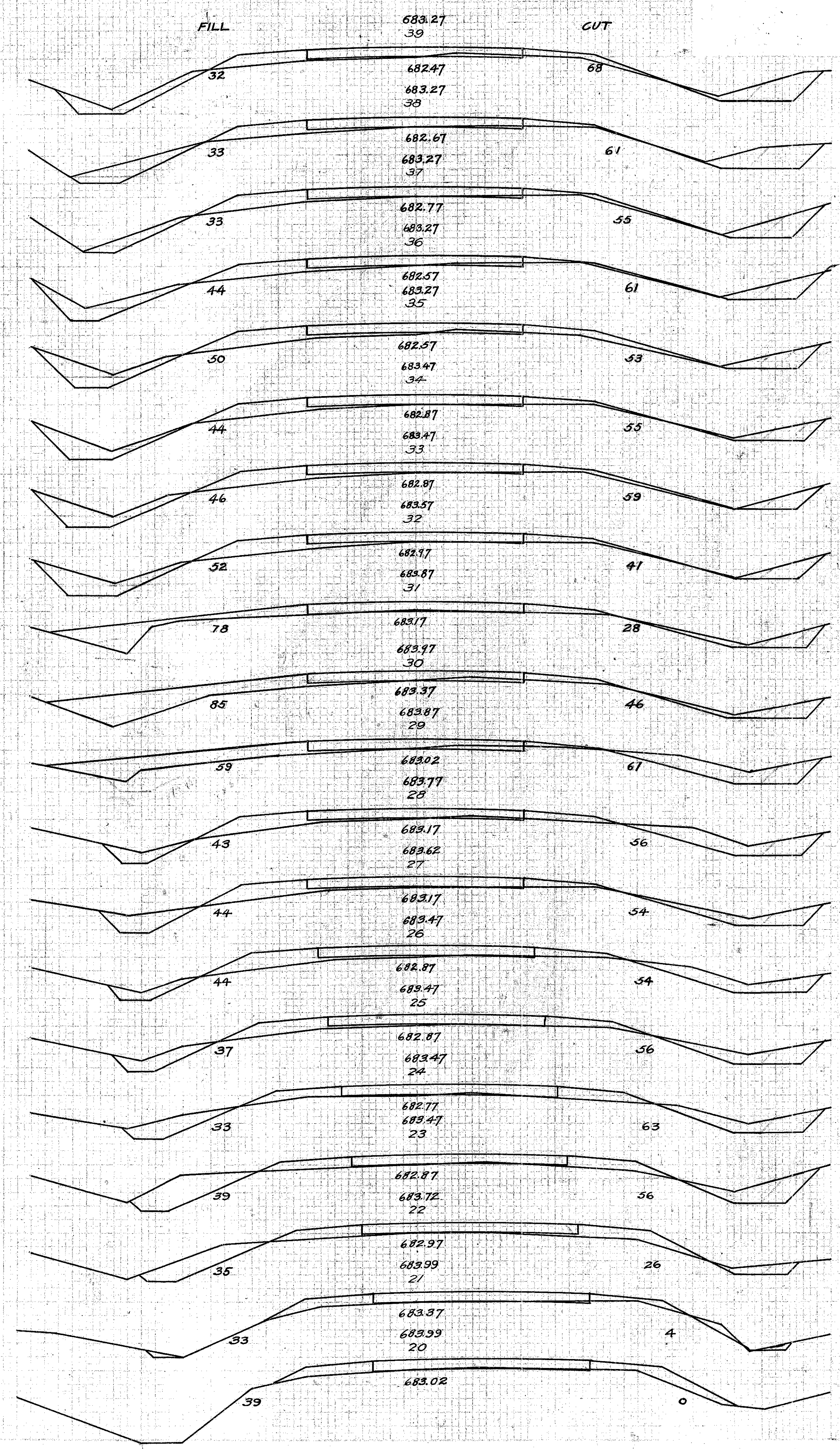
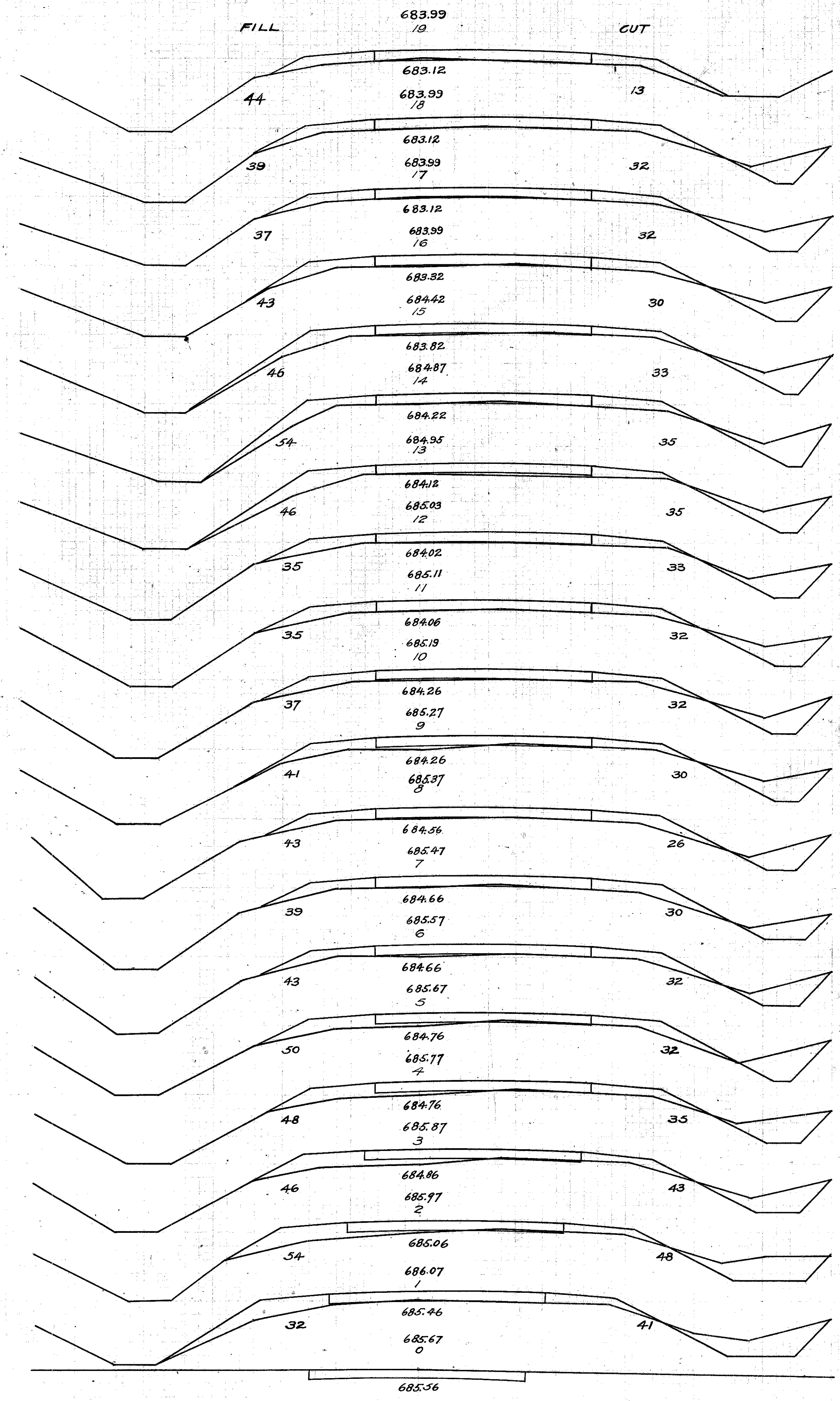
Excess dirt to be disposed of by Contractor.

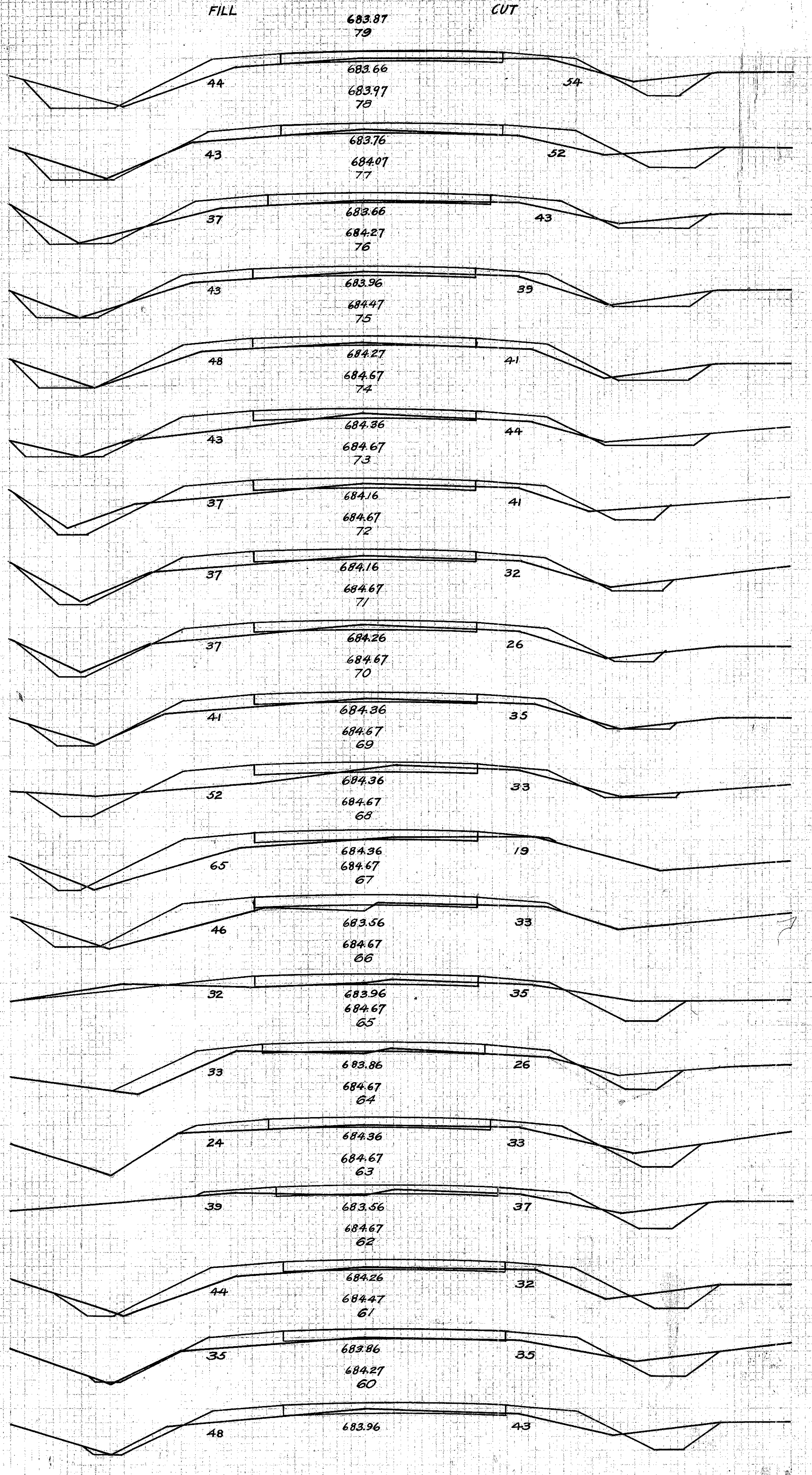
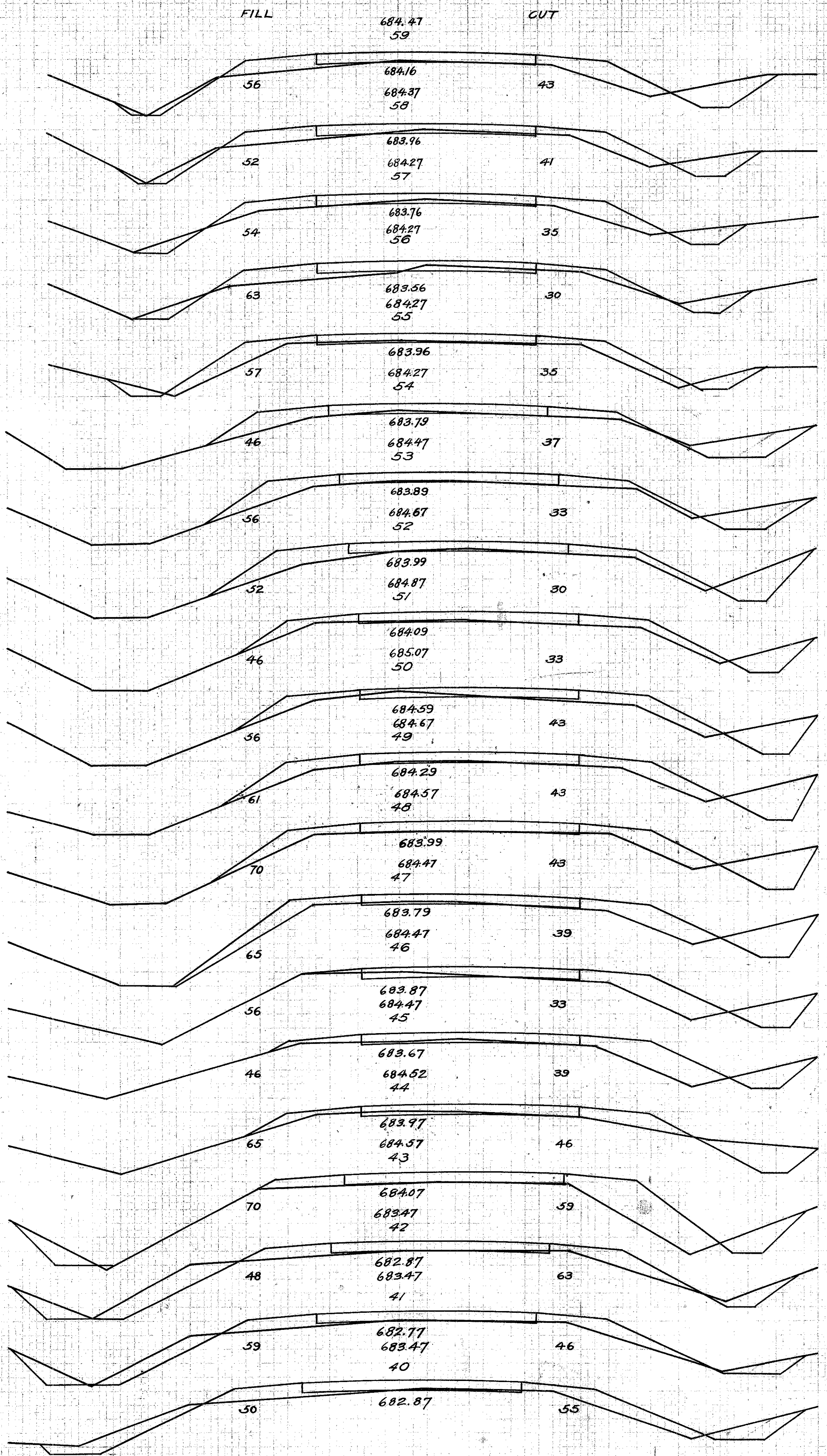


676.69	675.89	675.19	675.29	674.39	674.79	674.59	674.79	674.67	675.09	673.69	673.59	672.99	672.59	672.39	672.14	672.64	672.44	672.74	673.24	673.54	672.34	672.84	672.44	672.24	671.74	671.14	670.84	671.44	670.74	670.54
677.57	676.47	676.22	675.97	675.72	675.47	675.07	674.67	674.27	673.87	673.47	673.07	672.67	672.27	671.87	671.47	671.07	670.67	670.27	669.87	669.47	669.07	668.67	668.27	667.87	667.47	667.07	666.67	666.27	665.87	665.47

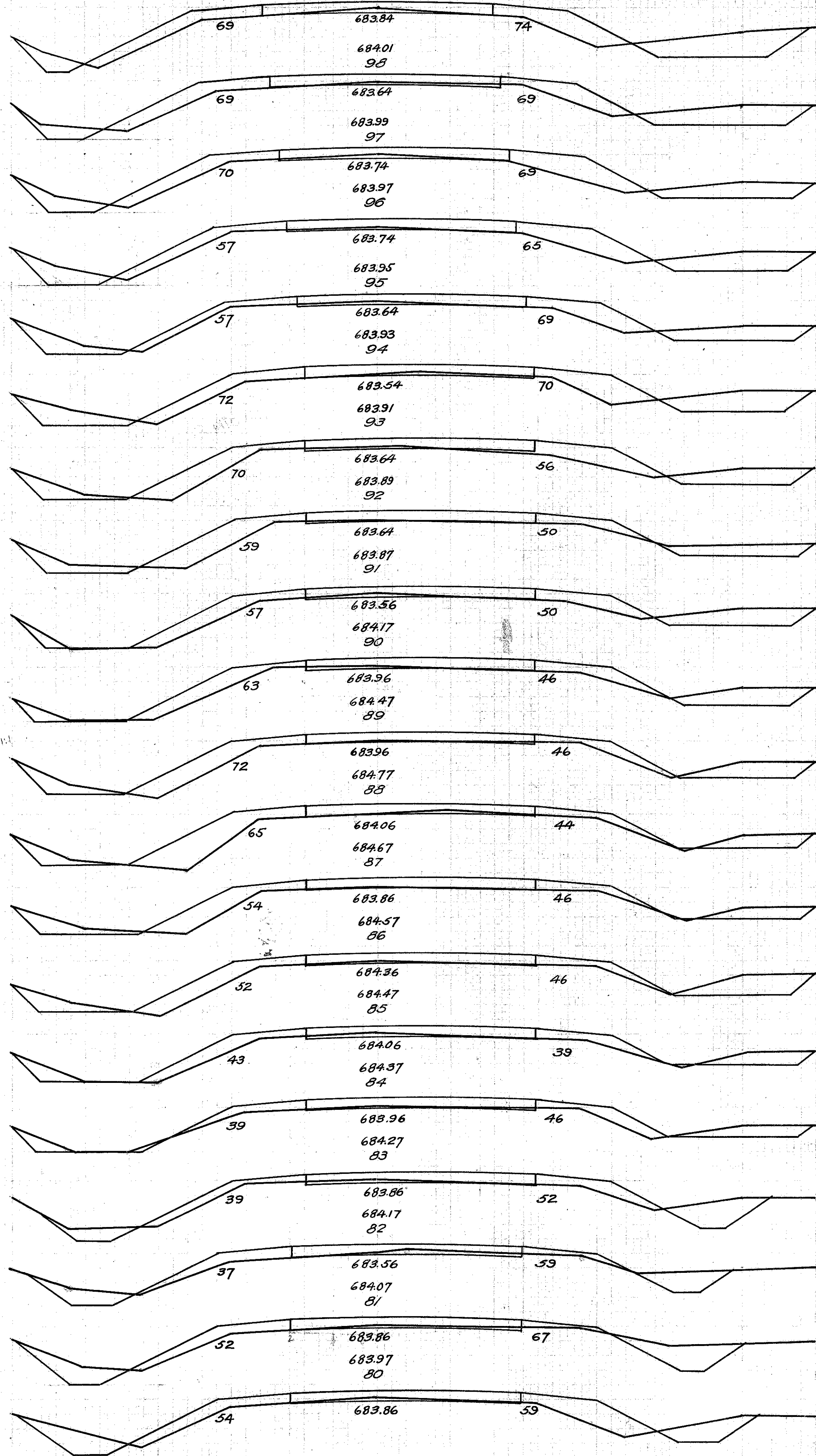


670.54	669.42	670.24	669.17	669.94	669.67	669.94	670.17	670.42
--------	--------	--------	--------	--------	--------	--------	--------	--------

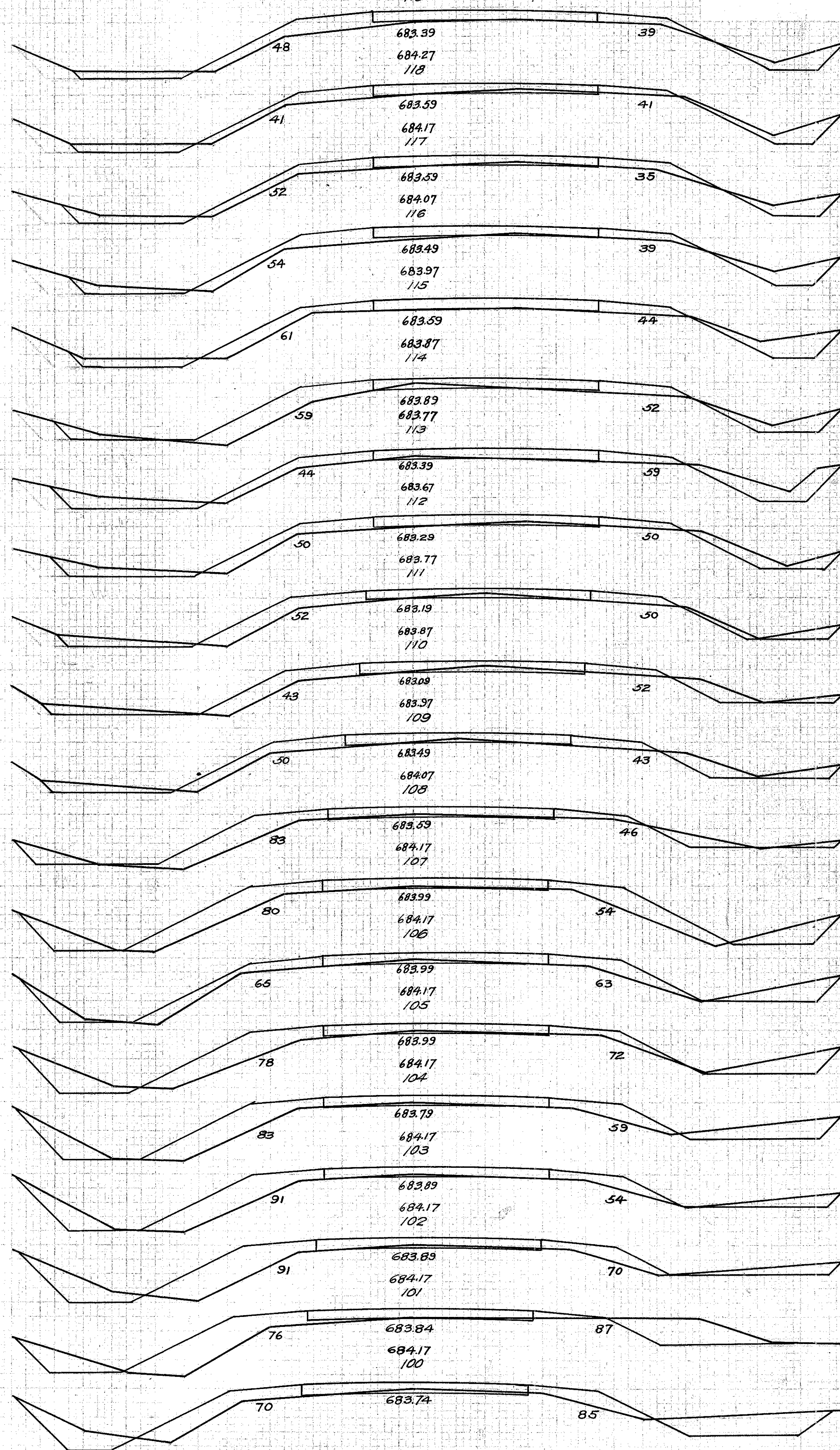


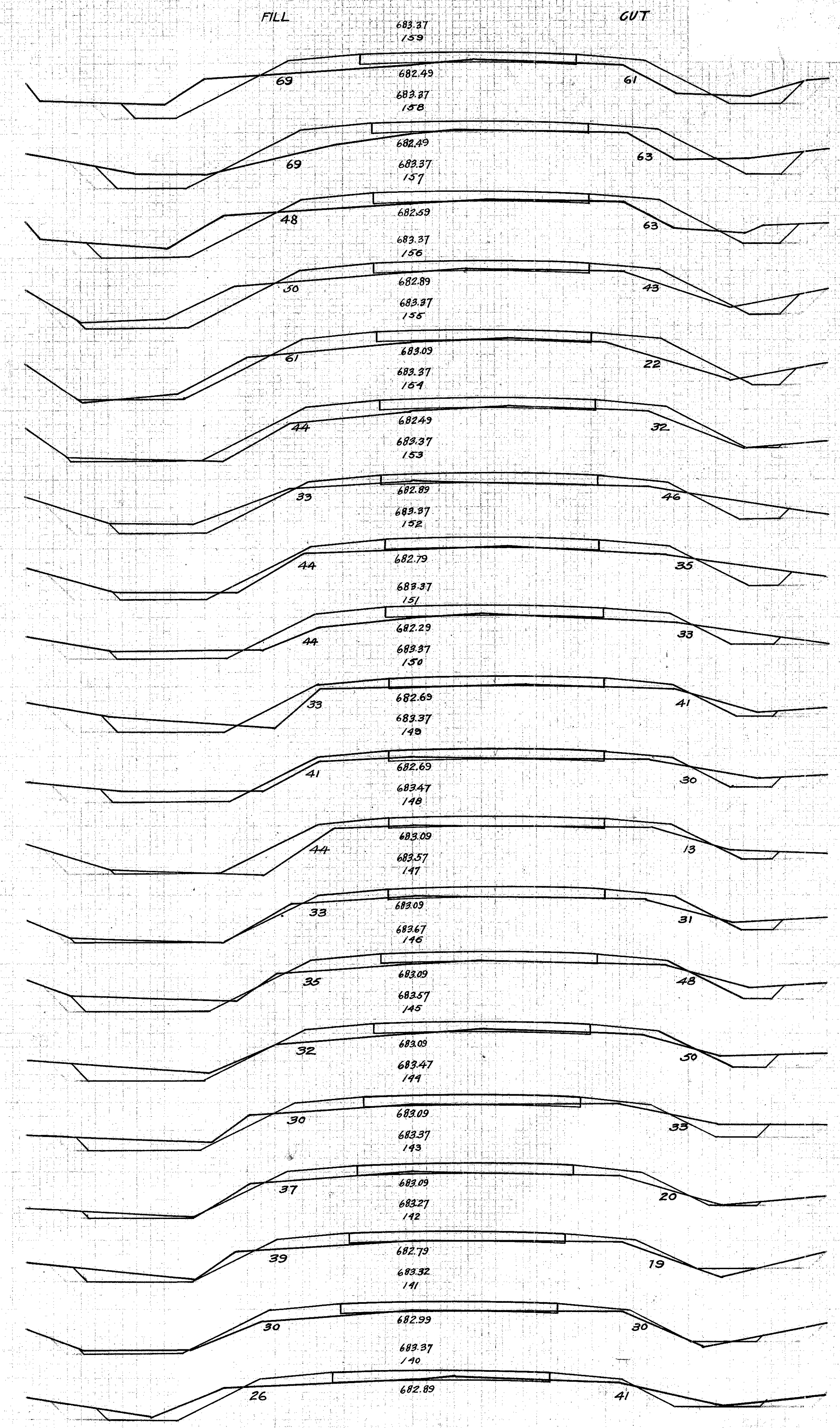
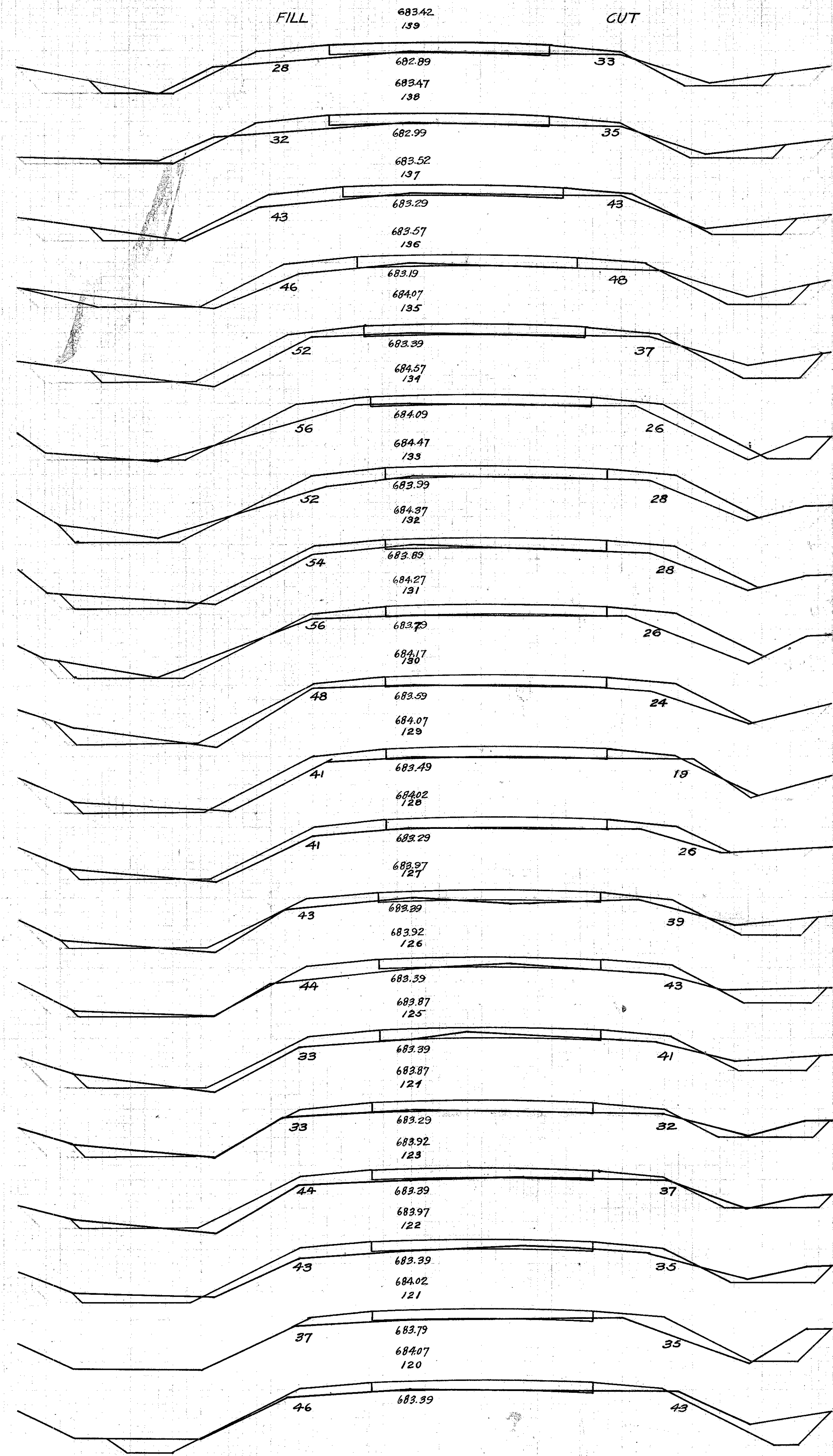


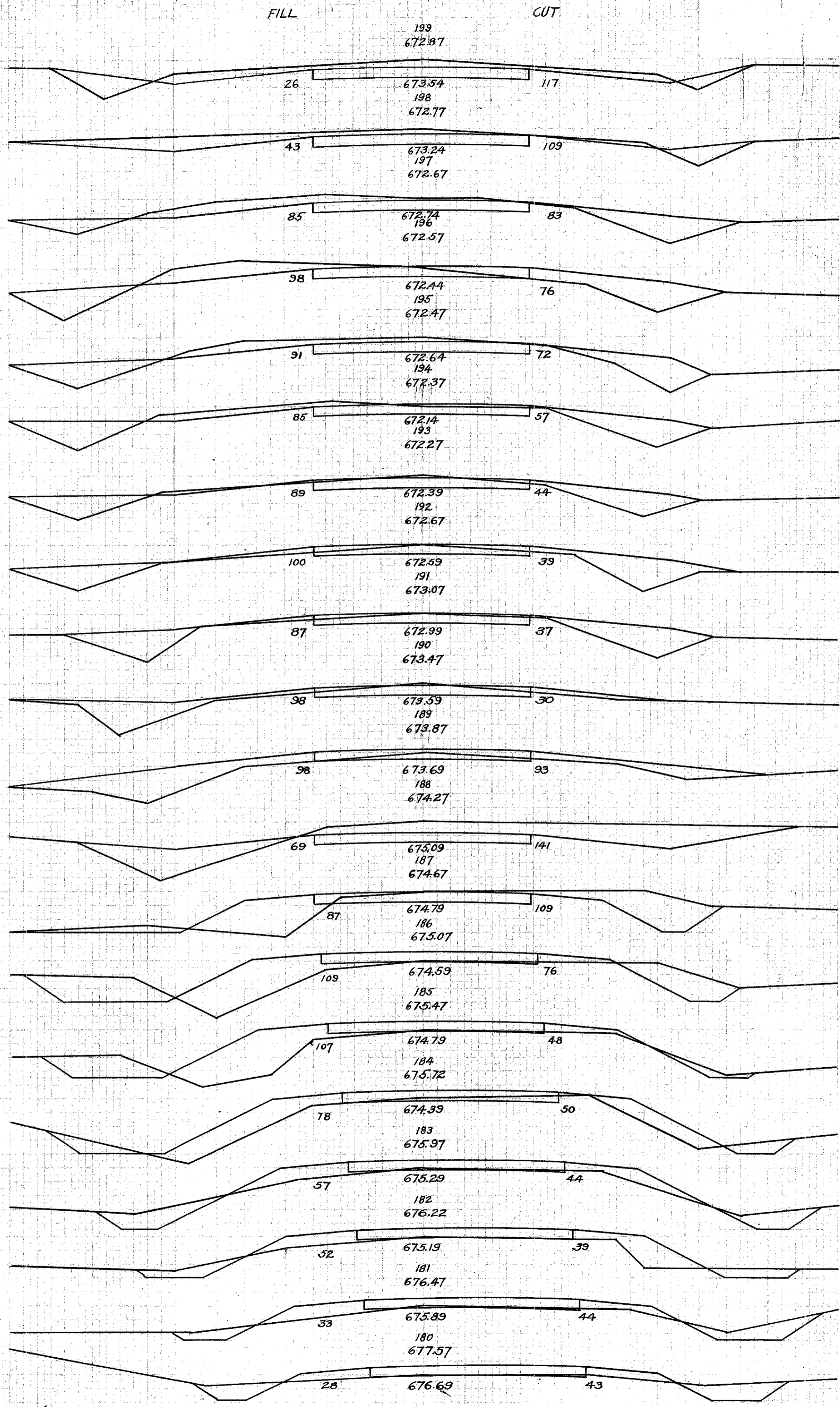
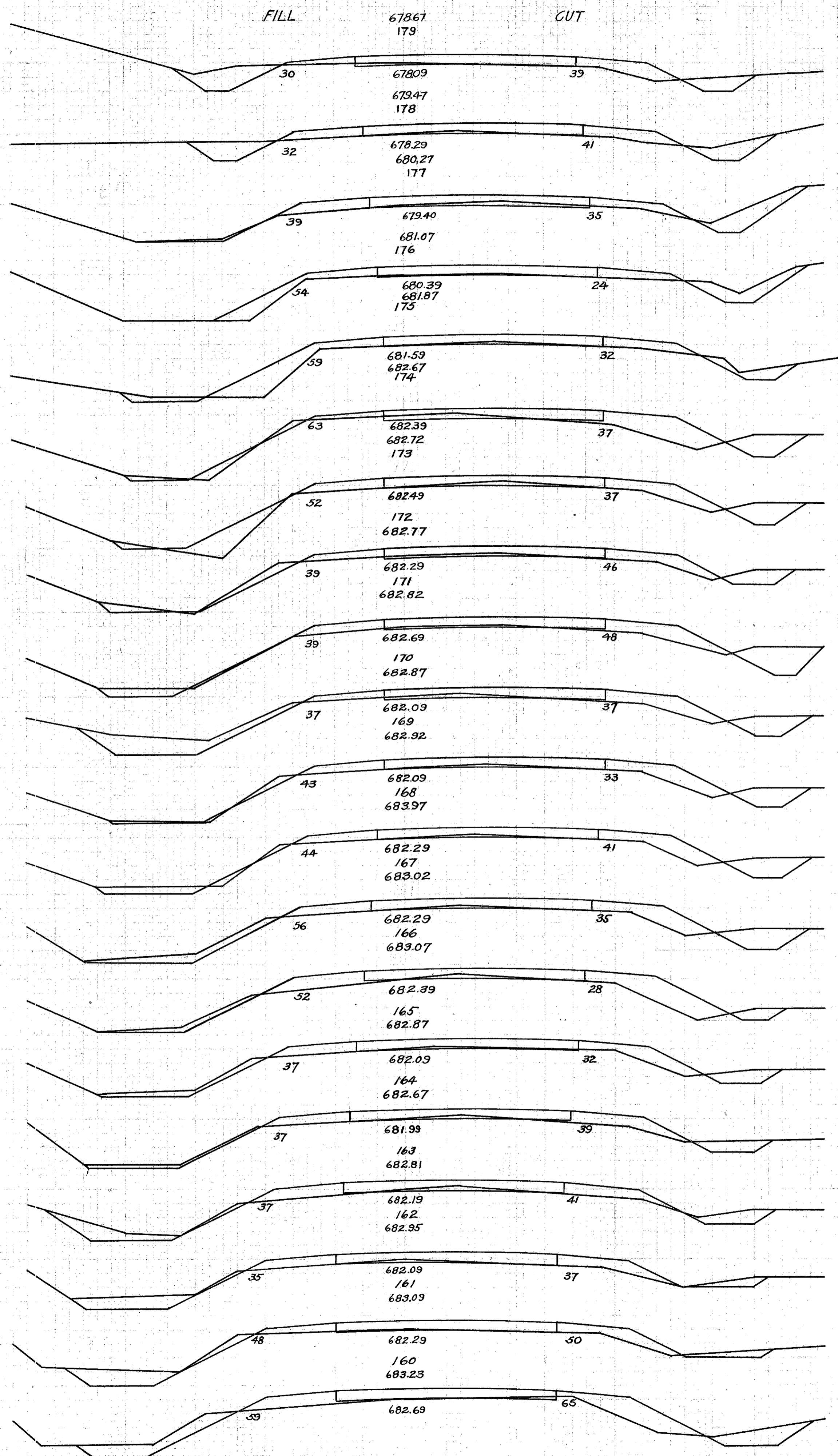
FILL 684.09 CUT

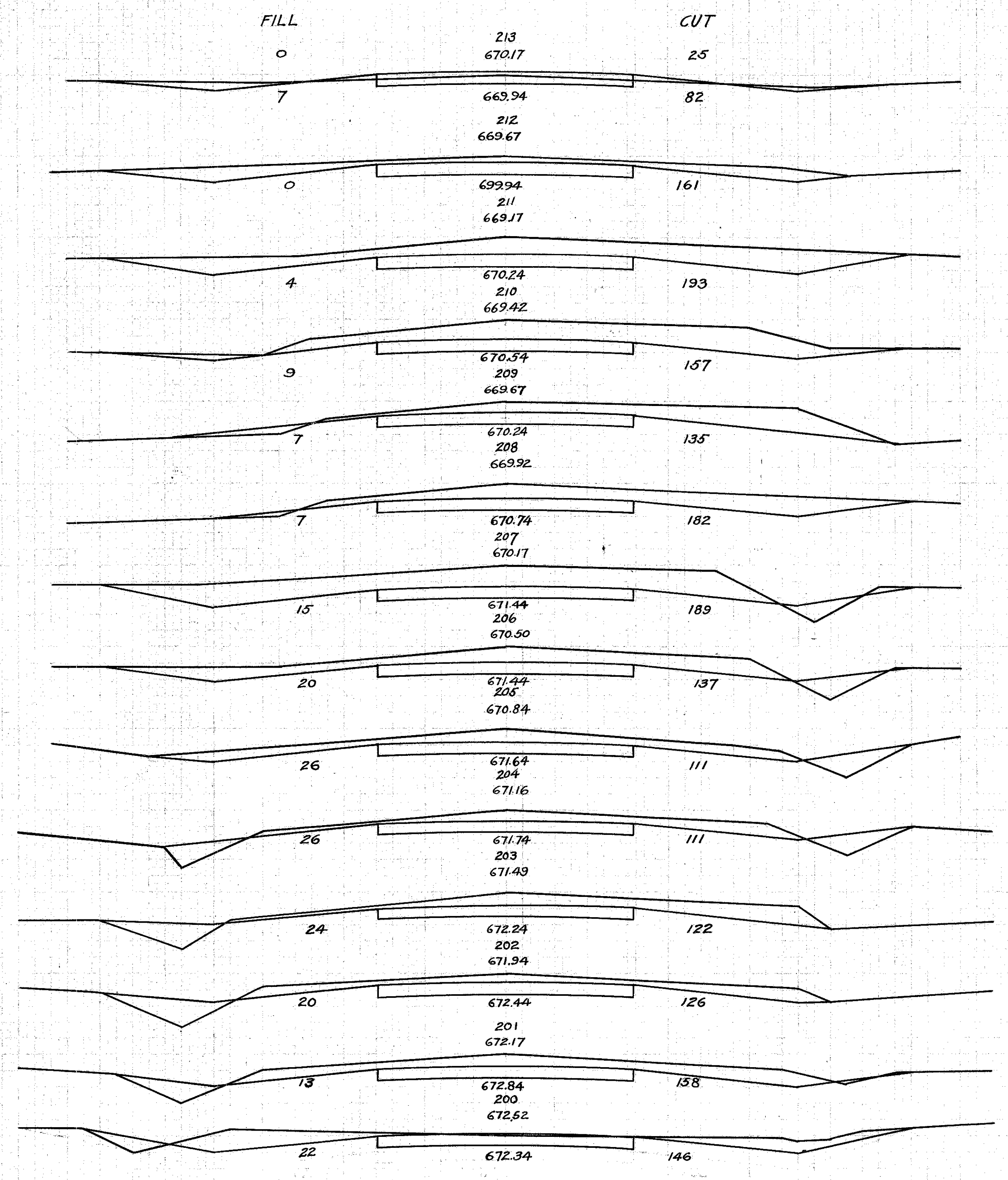


FILL 684.17 CUT









SUMMARY OF QUANTITIES

STRUCTURES UNDER 20 FT.															
STATION	TYPE	SIZE	LENGTH	EXCAVATION CU. YDS.	CONCRETE	REINF.	CATCH BASINS		CAST IRON PIPE				SEG. BL. SEWER P.	COR. PIPE	REMARKS
					1:2:4 CU. YDS.	STEEL LBS.	STANDARD SIZE	SPECIAL SIZE	12" LIN. FT.	14" LIN. FT.	16" LIN. FT.	24" LIN. FT.	33" LIN. FT.	12" LIN. FT.	
54+49	CAST IRON CULVERT	12"	96'	32	3.9	68			96						TAP MADE INTO OLD BRICK CATCH BASIN
83+35	"	16"	40'	20				Nº1, 2x2			40				" " "
107+40	"	24"	40'	33				2x3				40			" " "
120+50	"	12"	44'	22				Nº1, 2x2	44						" " "
133+85	"	16"	44'	25				Nº1, 2x2			44				" " "
147+30	"	14"	40'	16				Nº1, 2x2		40					" " "
160+60	"	16"	44'	22				Nº1, 2x2			44				" " "
177+40	"	16"	40'	16				Nº1, 2x2			40				TAP MADE INTO OLD BRICK CATCH BASIN
183+40	"	24"	60'	68	7.4	133		2x4				60			OLD CATCH BASIN, STONE HEADWALL & V.S.P. TO BE REMOVED
183+40	SEG. BLOCK SEWER P.	33"	10'									10			NEW SEGMENT BLOCK SEWER, JOINED ON SEWER NOW IN.
196+00	CAST IRON CULVERT	16"	46'	28	2.9	45		Nº1, 2x2			46				OLD STONE CULVERT & V.S.P. TO BE REMOVED
TOTAL OF QUANTITIES				282	14.2	246	7	2	140	40	214	100	10		

STRUCTURES FOR ROADWAY																					
STATION	FIELD TILE		COR. PIPE	EXCAVATION CU. YDS.	STANDARD CATCH BASIN SIZE	NEW TOPS ON OLD C.B. NO.	HEADWALLS			REMARKS	STATION	FIELD TILE		COR. PIPE	EXCAVATION CU. YDS.	STANDARD CATCH BASIN SIZE	NEW TOPS ON OLD C.B. NO.	HEADWALLS			REMARKS
	8" LIN. FT.	12" LIN. FT.	12" LIN. FT.				1:2:4-CONCRETE CU. YDS.	REINF. STEEL LBS.	SIZE			8" LIN. FT.	12" LIN. FT.	12" LIN. FT.				1:2:4-CONCRETE CU. YDS.	REINF. STEEL LBS.	SIZE	
16+70			20	4							RIGHT	114+70			20	4					RIGHT
18+57			20	4							RIGHT	120+50				1					LEFT
18+66 to 20+56		190					1.3	30	2 12" STD		RIGHT	127+59						Nº1, 2x2			RIGHT
20+60			20	4							RIGHT	127+59 to 133+85		600							RIGHT
21+60			20	4							LEFT	128+10			26	5					RIGHT
22+90			20	4							RIGHT	171+95					1				LEFT
28+85					Nº1, 2x2						LEFT	186+50						.65	15	12" STD	RIGHT
28+85 to 31+65		260									LEFT	186+50 to 196+00	1050								RIGHT
31+15			20	4							LEFT	187+40						Nº1, 2x2			LEFT
31+65							.65	15	12" STD		LEFT	187+40 to 196+00	860								LEFT
40+10			20	4							RIGHT	191+05						Nº1, 2x2			LEFT
48+10			20	4							RIGHT	196+00 to 217+14	1114								RIGHT
61+00			20	4							LEFT	196+00 to 204+40	840								LEFT
64+50			20	4							LEFT	199+54						Nº1, 2x2			RIGHT
76+60			20	4							RIGHT	200+40						Nº1, 2x2			LEFT
87+85			20	4							RIGHT	203+05						Nº1, 2x2			RIGHT
100+70						1					LEFT	207+14						Nº1, 2x2			RIGHT
102+60			20	4							RIGHT	204+40						Nº1, 2x2			LEFT
TOTALS											3864	1050	306	61	9	3	2.6	60	4		

HEM-26 108
2-B-2