

SOUNDINGS	
Sounding # 1	
Elev. of ground = 247.5	
0.0 to 6.0	by hand
6.0 to 8.0	4" per blow
8.0 to 9.5	1" " "
9.5 to 12.0	3/4" " "
12.0 to 12.5	5/8" " "
12.5 to 12.7	1/2" " "
Sounding # 2	
Elev. of ground = 245.4	
0.0 to 3.5	by hand
3.5 to 7.0	1/2" per blow
7.0 to 8.5	" " "
8.5 to 12.5	" " "
12.5 to 14.5	1/4" " "
14.5 to 14.7	8 " " "

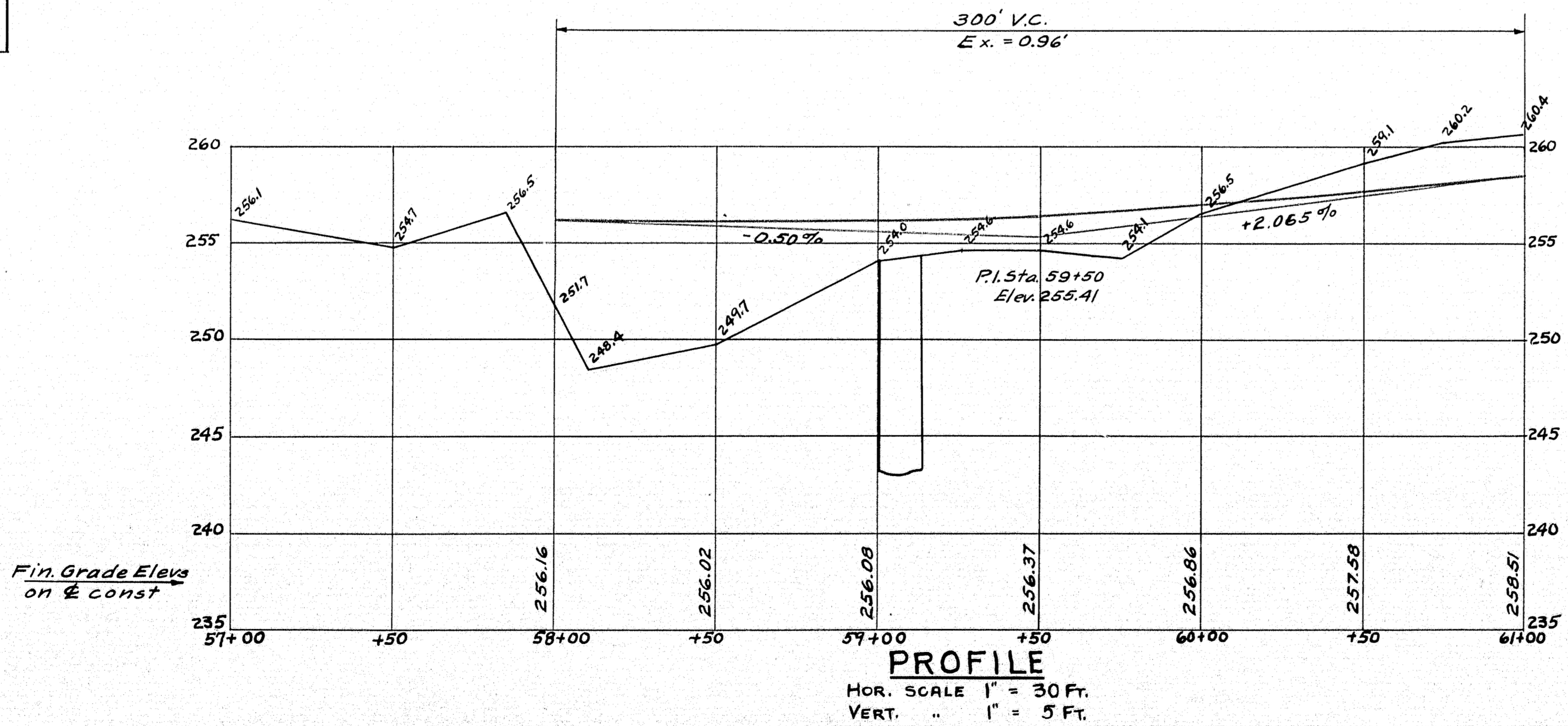
NOTES

SUPERSTRUCTURE: Concrete slab with gravel base on slab.

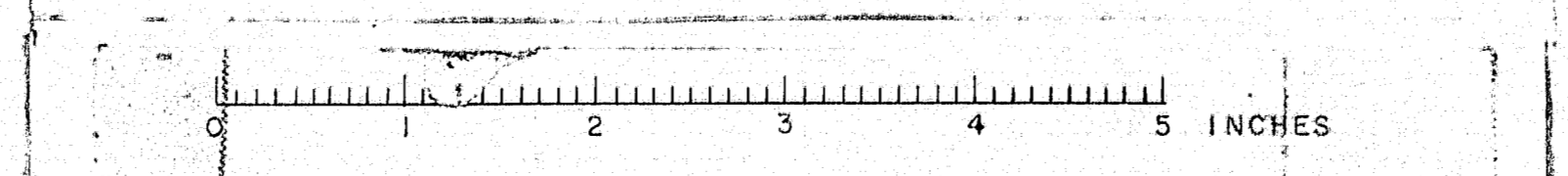
SUBSTRUCTURE: D.S. wings and 6" of D.S. end of breast walls of concrete, remainder of split granite fairly well laid in mortar. Concrete is in poor condition.

STREAM: Moderate to slow at all stages. Water elevation controlled mainly by dam at Madison. Present water about 0.5' above crest of dam. Normally flash boards hold the water about 4ft. higher. High water, over road, due to back water from river at flood stage.

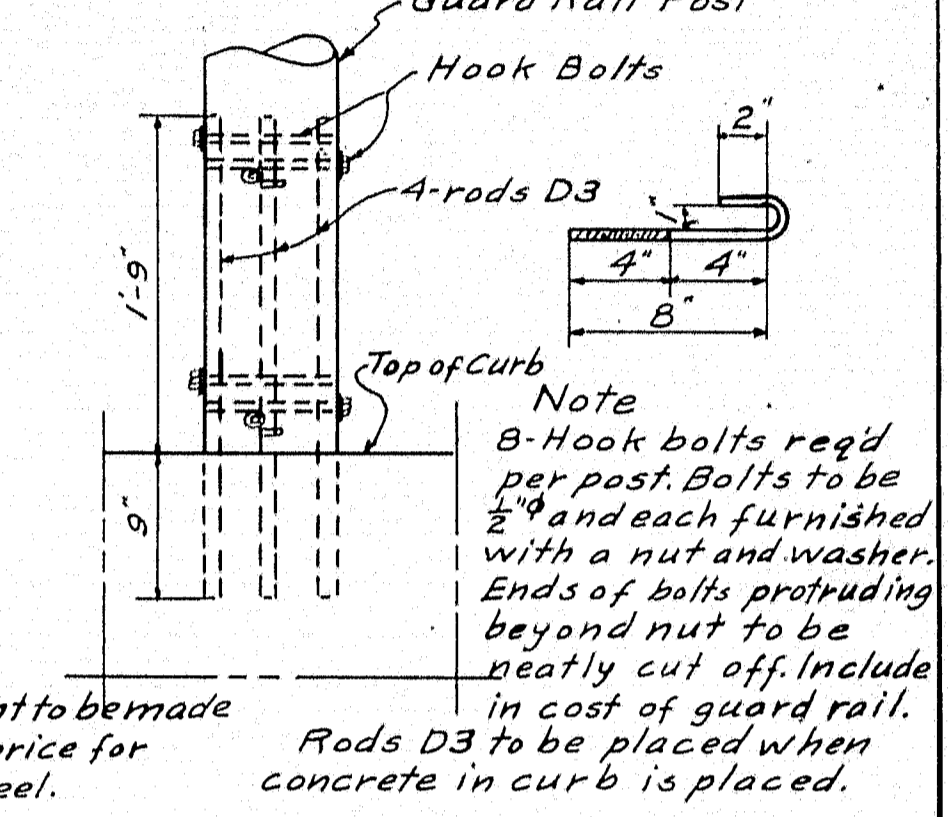
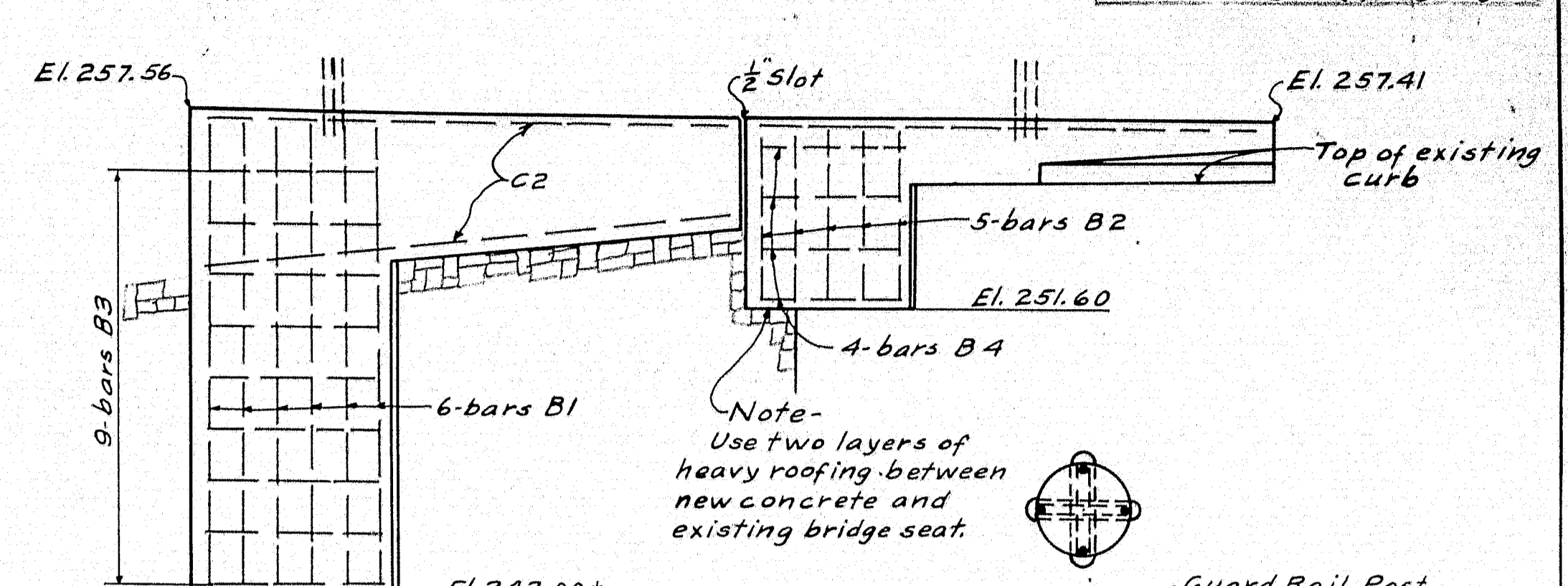
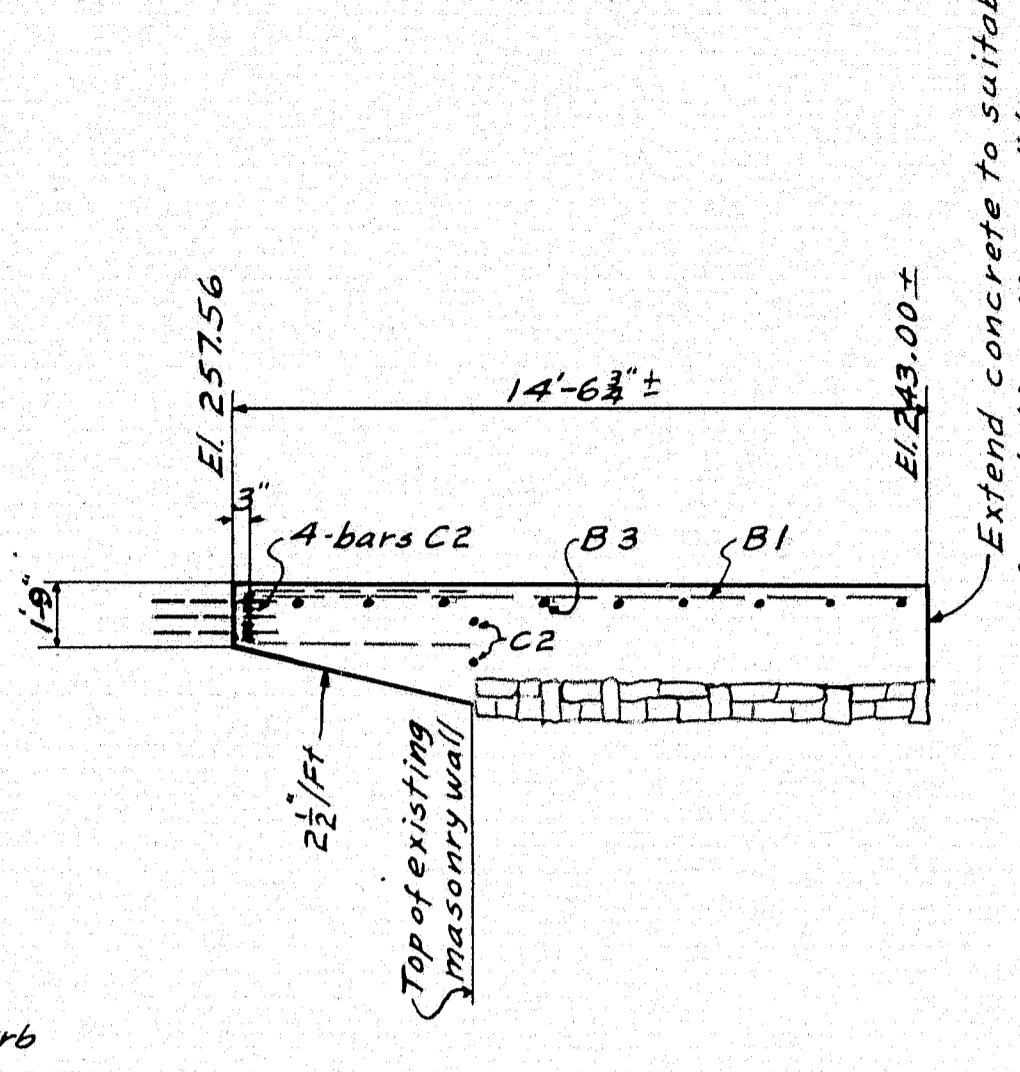
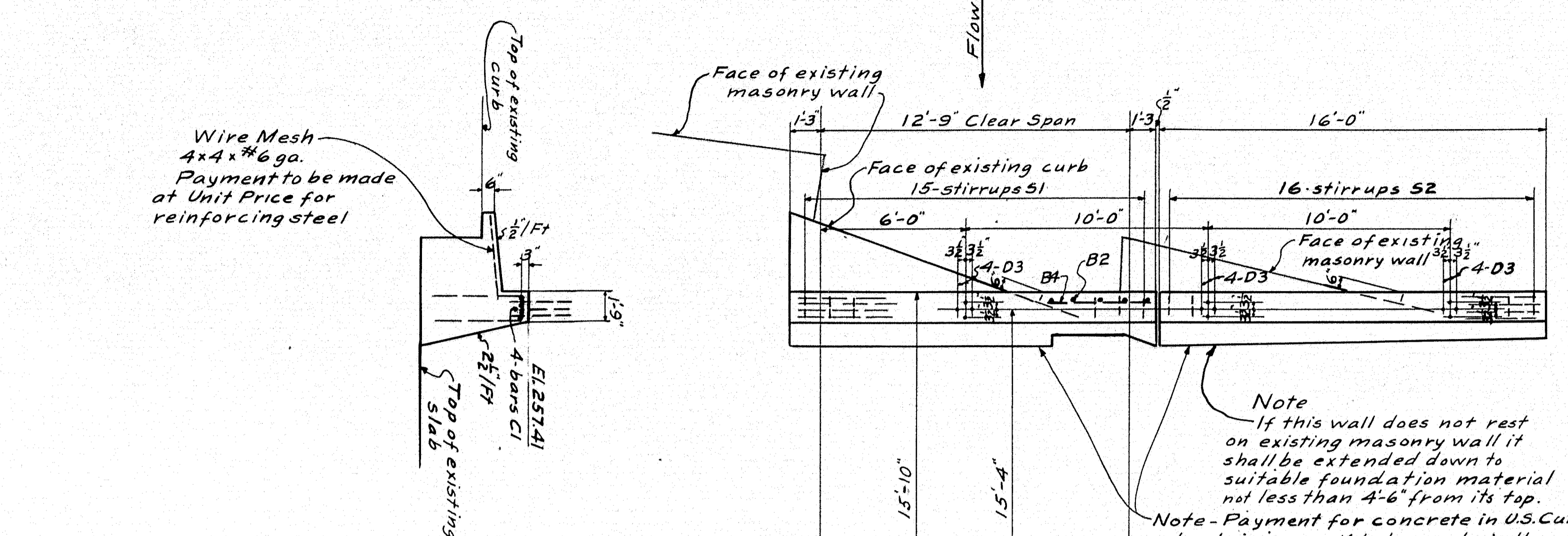
FOUNDATION: See soundings.
Water main crosses stream bed near U.S. side of structure. Main supply line to Anson and Madison.



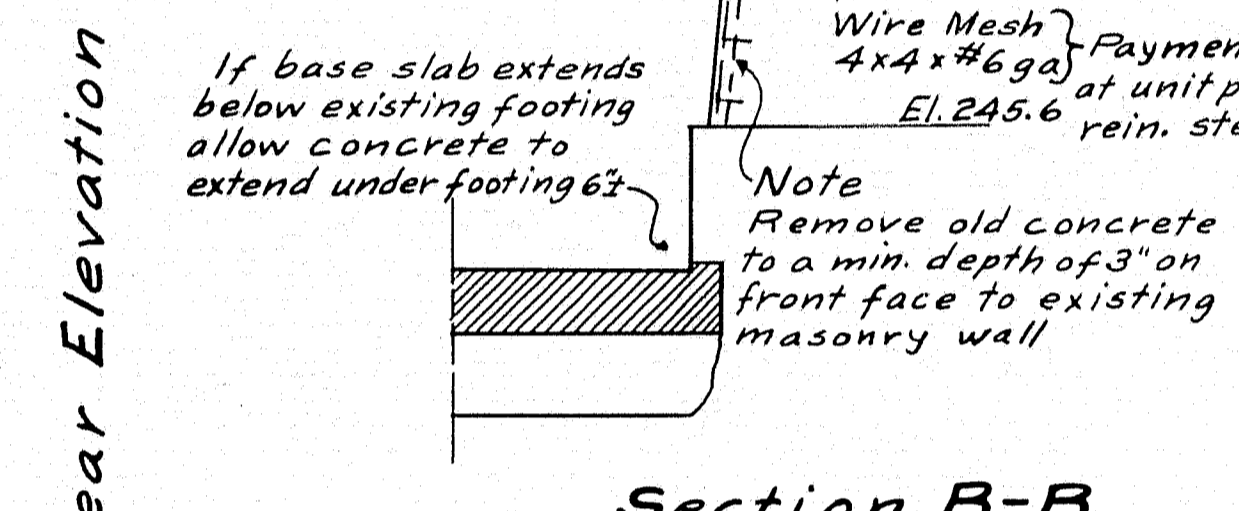
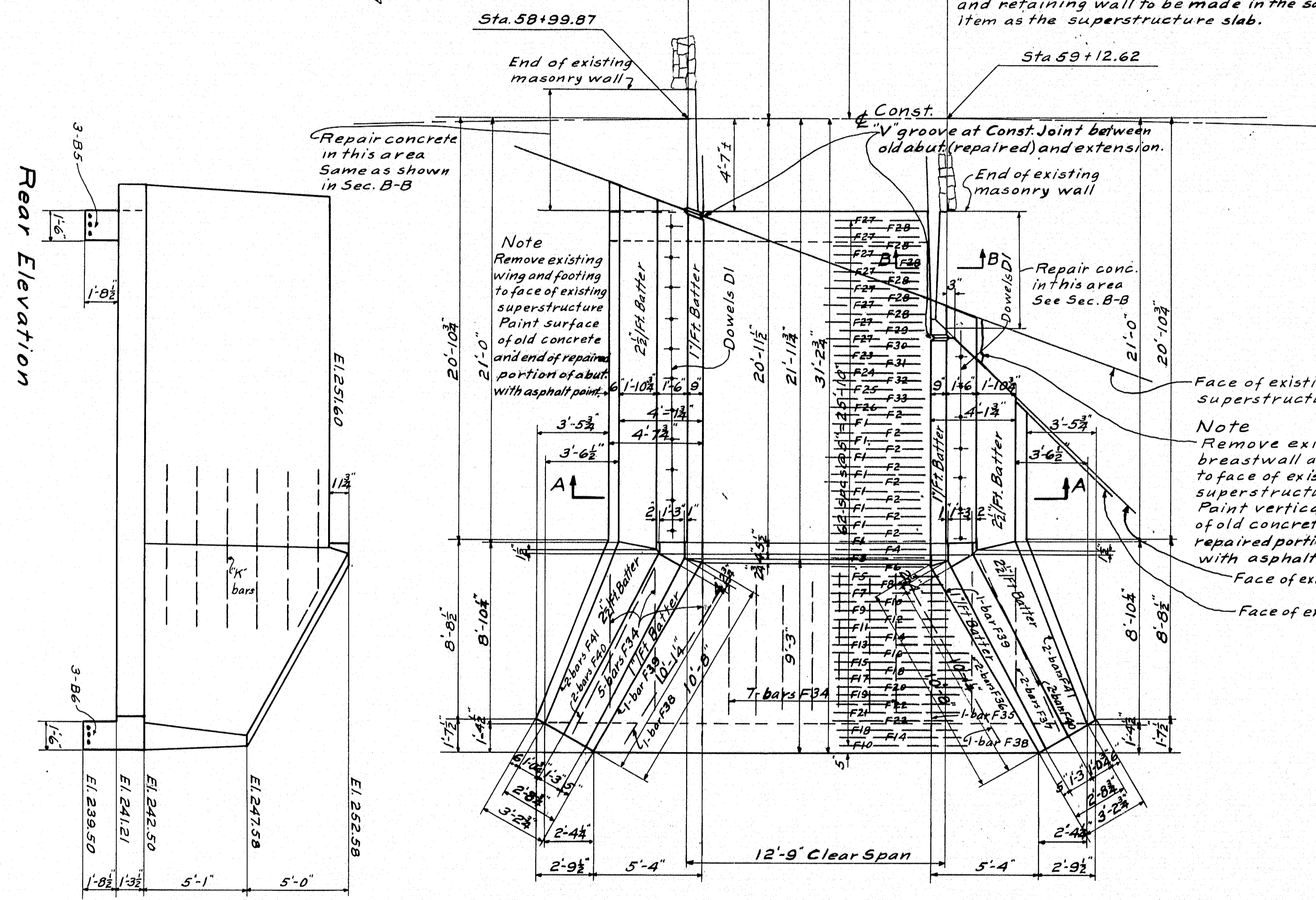
SURVEY PLOTTED	TOWNE GCW	TOWN BRIDGE	13-01 3726
STATE HIGHWAY COMMISSION BRIDGE DIVISION			
ICE HOUSE BRIDGE OVER GILBERT BROOK IN THE TOWN OF ANSON SOMERSET COUNTY SURVEY PLAN			
SHEET 1 OF 3		AUGUSTA, ME. APRIL 1945	



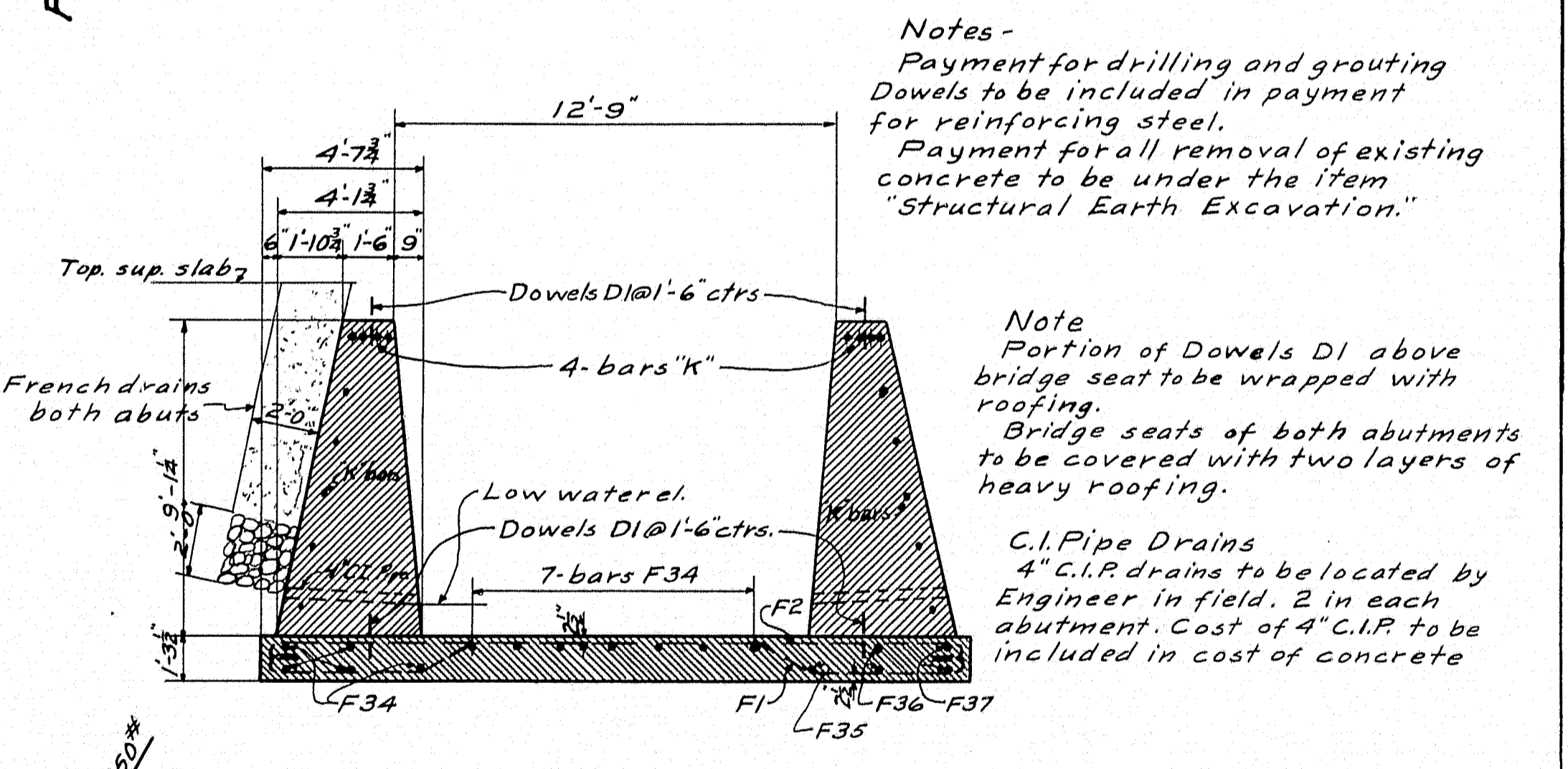
M-194



Slot Note-
 Cover the 1/2" slots between the superstructure and substructure and in the U.S. curb with two layers of heavy roofing 10" wide. Cover the concrete and back of each layer as applied with a suitable grade of plastic roofing cement. Recess the area covered 1/2" by nailing thin strips to the forms before concrete is placed.

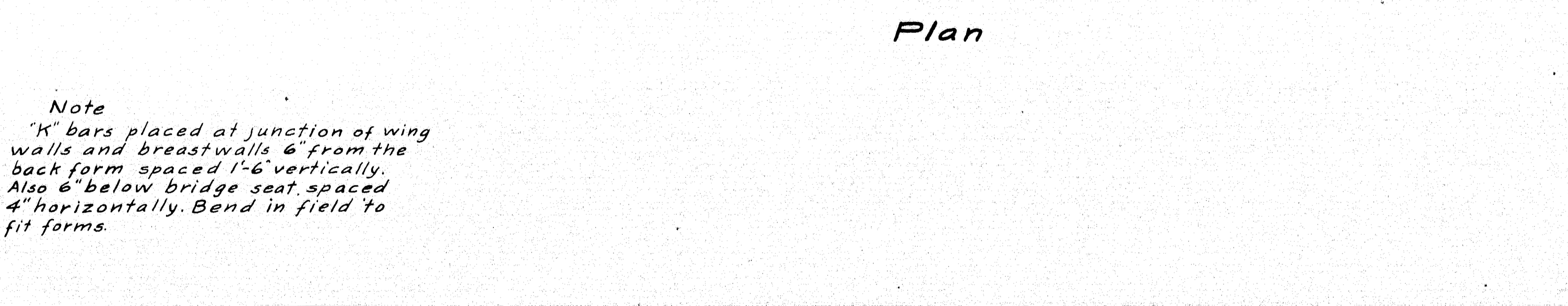


Notes -
 Payment for drilling and grouting Dowels to be included in payment for reinforcing steel.
 Payment for all removal of existing concrete to be under the item "Structural Earth Excavation."

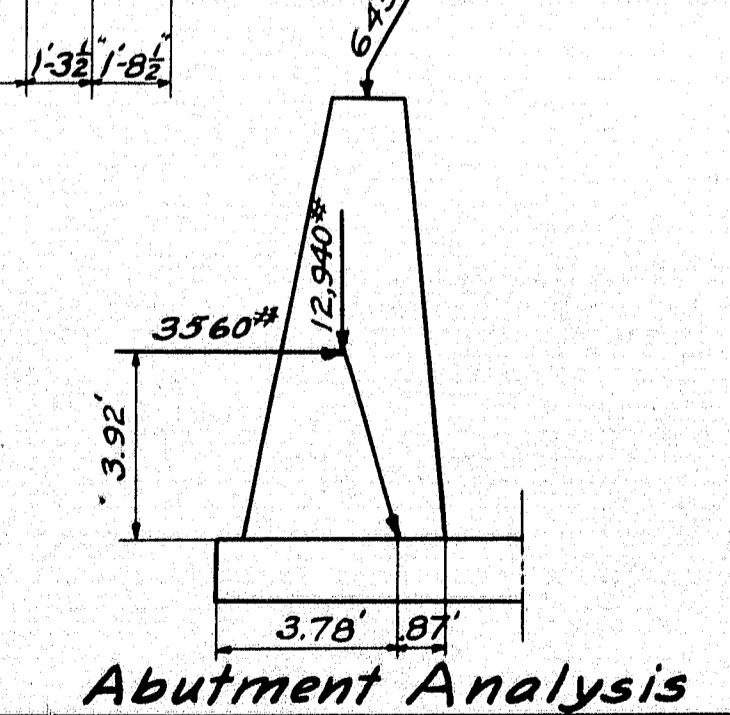


Note
 Portion of Dowels D1 above bridge seat to be wrapped with roofing.
 Bridge seats of both abutments to be covered with two layers of heavy roofing.

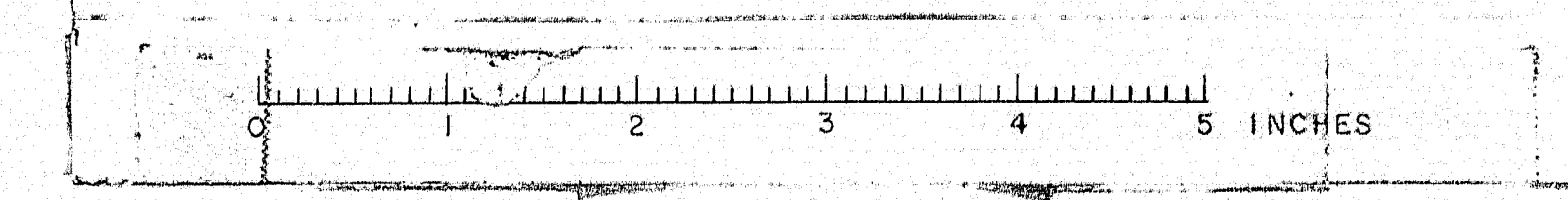
C.I.Pipe Drains
 4" C.I.P. drains to be located by Engineer in field. 2 in each abutment. Cost of 4" C.I.P. to be included in cost of concrete.

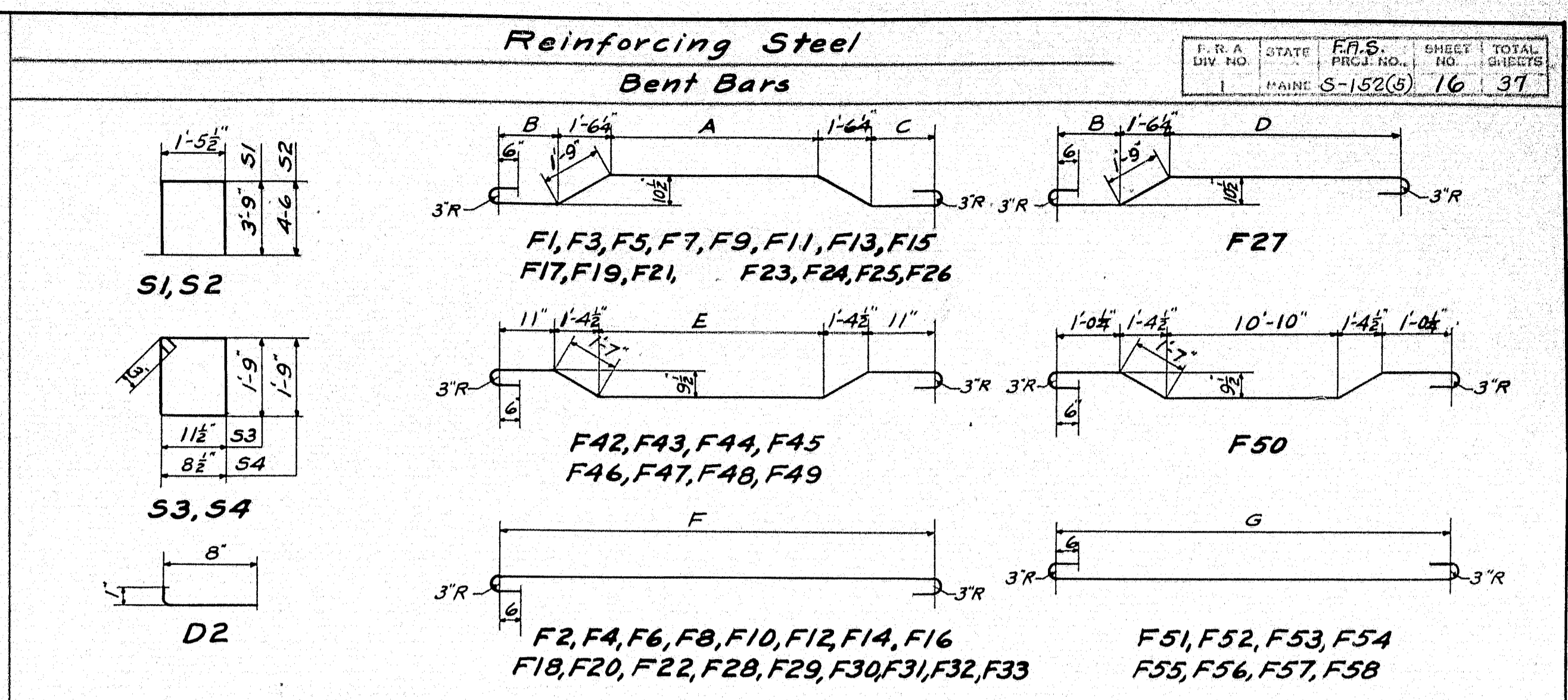
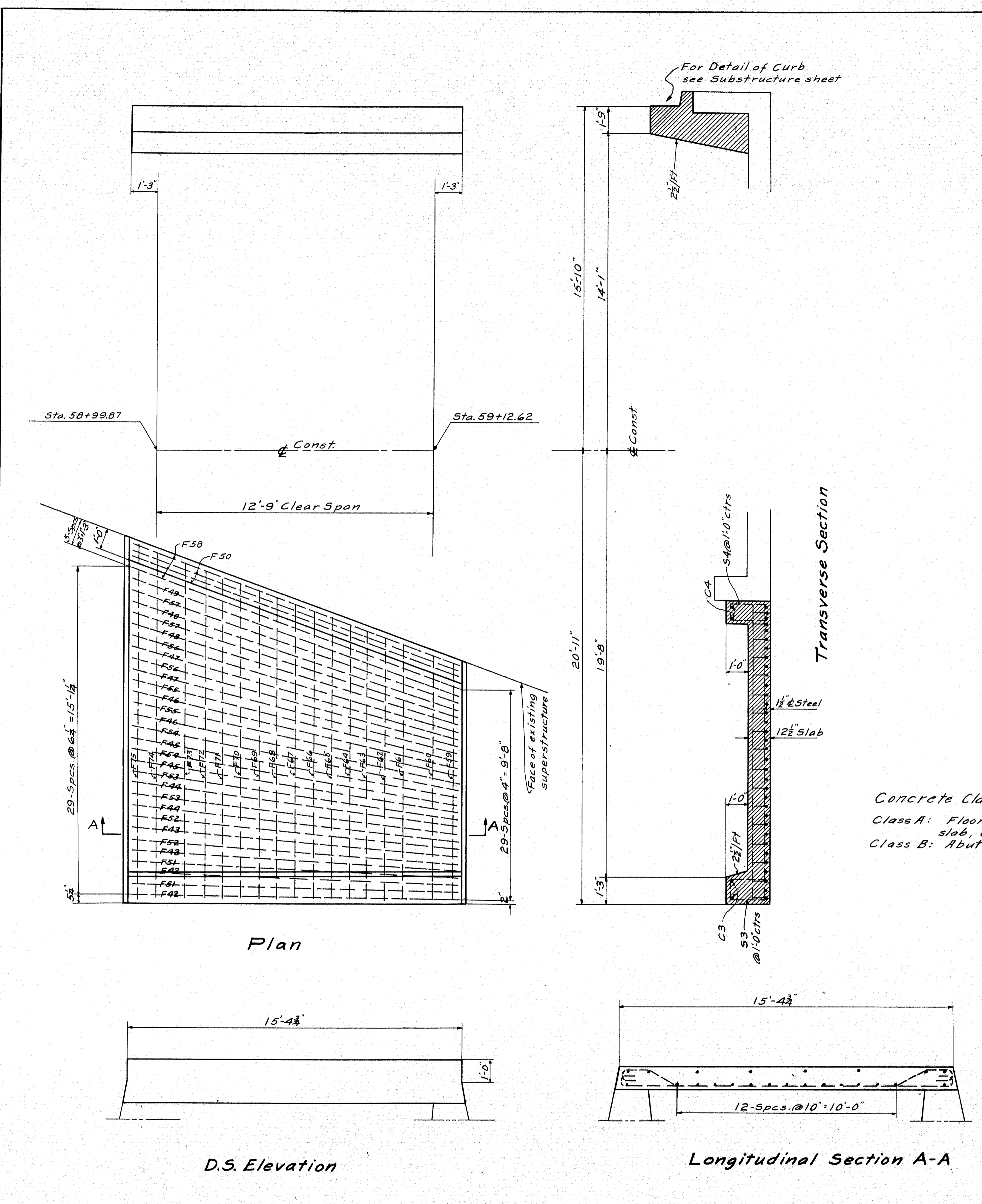


Note
 "K" bars placed at junction of wing walls and breastwalls 6" from the back form spaced 1'-6" vertically. Also 6" below bridge seat, spaced 4" horizontally. Bend in field to fit forms.



DESIGN - WHITE
 CHECK - N.W.T.
 TOWN 13-01
 BRIDGE 3726
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
 ICE HOUSE BRIDGE
 OVER
 GILBERT BROOK
 IN THE TOWN OF
 ANSON
 SOMERSET COUNTY
 SUBSTRUCTURE PLAN
 SHEET 2 OF 3 AUGUSTA, ME. APRIL 1946





Mark	Size	No	A	B	C	D	E	Length	Location	Mark	Size	No	F	G	Length	Location
F1	3/8"	8	8'-2 1/2"	4'-1 1/2"	4'-1 1/2"			22'-7"	Bottom Slab	F2	3/8"	8	19'-6"		22'-1"	Bottom Slab
F3	"	1	8'-2 1/2"	4'-5 1/2"	4'-5 1/2"			23'-2 1/2"	"	F4	"	1	19'-10"		22'-5"	"
F5	"	1	8'-9"	4'-6"	4'-6"			23'-10"	"	F6	"	1	20'-6"		23'-1"	"
F7	"	1	9'-9"	4'-4 1/2"	4'-4 1/2"			24'-6"	"	F8	"	1	21'-2"		23'-9"	"
F9	"	1	10'-8"	4'-2 1/2"	4'-2 1/2"			25'-2"	"	F10	"	2	21'-10"		24'-5"	"
F11	"	1	11'-8"	4'-0 1/2"	4'-0 1/2"			25'-10"	"	F12	"	1	22'-6"		25'-1"	"
F13	"	1	12'-7"	3'-11"	3'-11"			26'-6"	"	F14	"	2	23'-2"		25'-9"	"
F15	"	1	13'-7"	3'-9"	3'-9"			27'-2"	"	F16	"	1	23'-10"		26'-5"	"
F17	"	1	14'-7"	3'-7"	3'-7"			27'-10"	"	F18	"	2	24'-6"		27'-1"	"
F19	"	1	15'-6"	3'-5 1/2"	3'-5 1/2"			28'-6"	"	F20	"	1	25'-2"		27'-9"	"
F21	"	1	16'-6"	3'-3 1/2"	3'-3 1/2"			29'-2"	"	F22	"	2	25'-10"		28'-5"	"
F23	"	1	8'-2 1/2"	4'-1 1/2"	1'-4"			19'-9 1/2"	"	F28	"	6	14'-9"		17'-4"	"
F24	"	1	8'-2 1/2"	4'-1 1/2"	2'-1"			20'-6 1/2"	"	F29	"	1	15'-5"		18'-0"	"
F25	"	1	8'-2 1/2"	4'-1 1/2"	3'-0"			21'-5 1/2"	"	F30	"	1	16'-2"		18'-9"	"
F26	"	1	8'-2 1/2"	4'-1 1/2"	3'-10"			22'-3 1/2"	"	F31	"	1	17'-1"		19'-8"	"
F27	"	8		4'-1 1/2"		9'-1 1/2"		17'-7 1/2"	"	F32	"	1	18'-0"		20'-7"	"
F42	"	2					10'-0"	17'-7"	Top Slab	F33	"	1	18'-10"		21'-5"	"
F43	"	2					10'-0 1/2"	17'-7 1/2"	"	F51	"	2	14'-8 1/2"		17'-3 1/2"	Top Slab
F44	"	2					10'-1"	17'-8"	"	F52	"	2	14'-9"		17'-4"	"
F45	"	2					10'-2"	17'-9"	"	F53	"	2	14'-10"		17'-5"	"
F46	"	2					10'-4 1/2"	17'-11 1/2"	"	F54	"	2	14'-11 1/2"		17'-6 1/2"	"
F47	"	2					10'-5 1/2"	18'-0 1/2"	"	F55	"	2	15'-1"		17'-8"	"
F48	"	2					10'-7 1/2"	18'-2 1/2"	"	F56	"	2	15'-3 1/2"		17'-10 1/2"	"
F49	"	1					10'-10"	18'-5"	"	F57	"	2	15'-6"		18'-1"	"
F50	"	2						18'-7 1/2"	"	F58	"	3	15'-9"		18'-4"	"
S1	3/4"	15						8'-11 1/2"	U.S. Curb	S3	1/2"	16			5'-11"	D.S. Curb
S2	3/4"	16						10'-5 1/2"	"	S4	1/2"	17			5'-5"	Rein. Beam
										D2	"	50			0'-9"	Abut. facing

Straight Bars

Mark	Size	No	Length	Location	Mark	Size	No	Length	Location
D3	1"	12	2'-6"	Curb & Wing U.S. Side	B1	1/2"	6	13'-0"	U.S. Wing
D1	3/8"	52	1'-6"	Abutments	B2	"	5	4'-6"	U.S. Curb
B5	"	3	15'-0"	U.S. Curtain Wall	B3	"	9	5'-3"	U.S. Wing
B6	"	3	23'-0"	D.S. "	B4	"	4	4'-3"	U.S. Curb
F34	5/8"	12	26'-0"	Bottom Slab	C1	"	4	14'-11"	U.S. "
F35	"	1	20'-9"	"	C2	"	6	15'-8"	U.S. "
F36	"	2	18'-9"	"	C3	"	2	15'-0"	D.S. "
F37	"	2	16'-6"	"	C4	"	2	16'-0"	Rein. Beam
F38	"	2	10'-0"	"	K	3/8"	18	8'-0"	Abuts
F39	"	2	10'-6"	"	F73	5/8"	1	15'-7"	Top Slab
F40	"	4	11'-0"	"	F74	"	1	16'-1"	"
F41	"	4	10'-0"	"	F75	"	2	16'-5"	"
F59	"	2	11'-0"	Top Slab					
F60	"	1	11'-9"	"					
F61	"	1	11'-10"	"					
F62	"	1	12'-3"	"					
F63	"	2	12'-6"	"					
F64	"	1	12'-9"	"					
F65	"	1	13'-1"	"					
F66	"	2	13'-5"	"					
F67	"	1	13'-9"	"					
F68	"	1	14'-1"	"					
F69	"	2	14'-4"	"					
F70	"	1	14'-8"	"					
F71	"	1	15'-0"	"					
F72	"	2	15'-3"	"					

Design - WHITE
 CHECK - N.M.T.

Town 13-01
 BRIDGE 3726

STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
ICE HOUSE BRIDGE
 OVER
GILBERT BROOK
 IN THE TOWN OF
ANSON
SOMERSET COUNTY
 SUPERSTRUCTURE PLAN

Design
 H15-44 Loading
 $f_s = 18,000 \text{ psi}$
 $f_c = 1,000 \text{ psi}$
 $n = 10$

SHEET 3 OF 3 AUGUSTA, ME APRIL 1946

