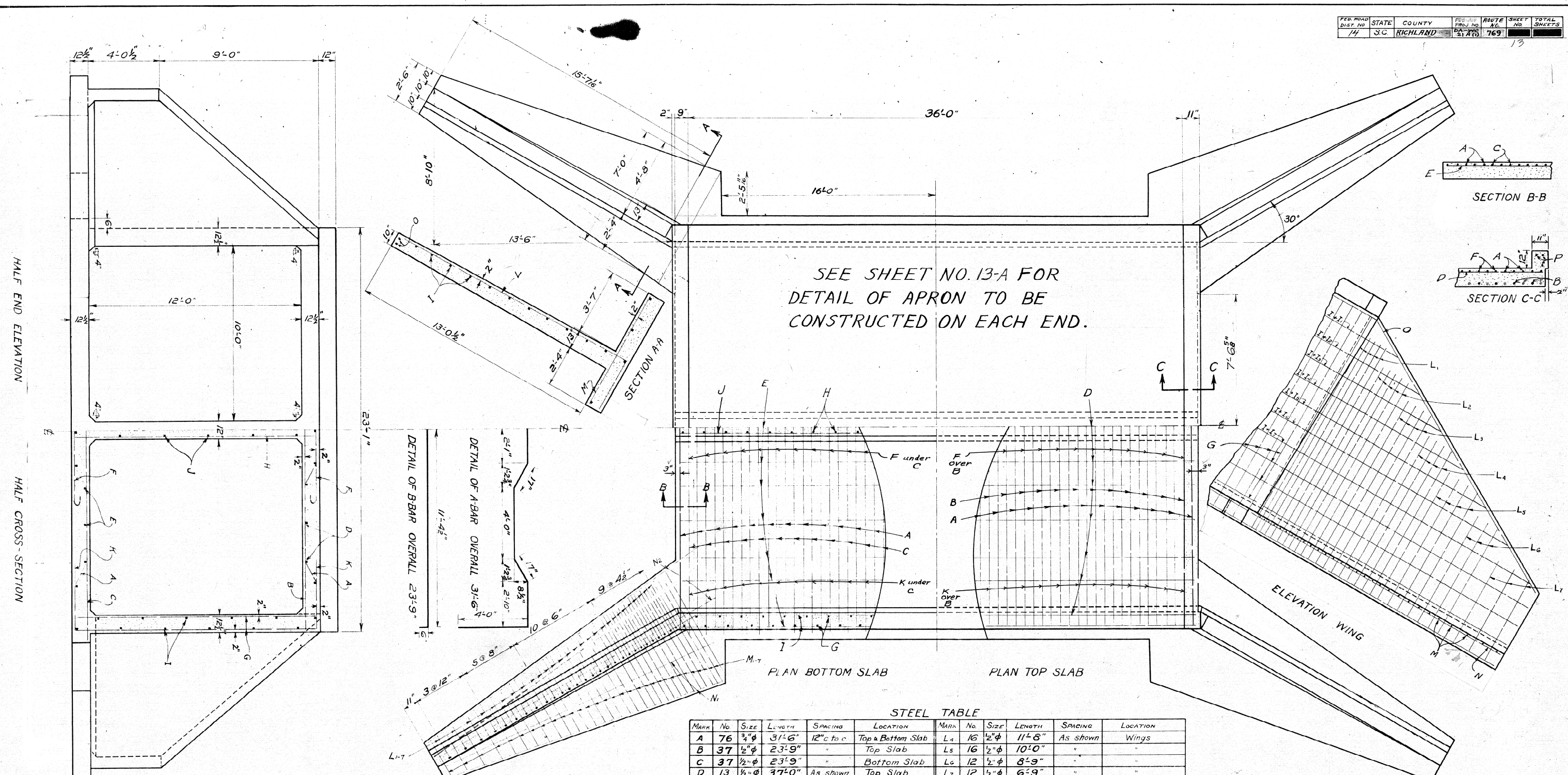


FED. ROAD DIST. NO.	STATE	COUNTY	PROJ. NO.	ROUTE	SHEET NO.	TOTAL SHEETS
14	S.C.	RICHLAND	40.290	769	13	



SEE SHEET NO. 13-A FOR
DETAIL OF APRON TO BE
CONSTRUCTED ON EACH END.

HALF END ELEVATION
HALF CROSS-SECTION

SECTION B-B

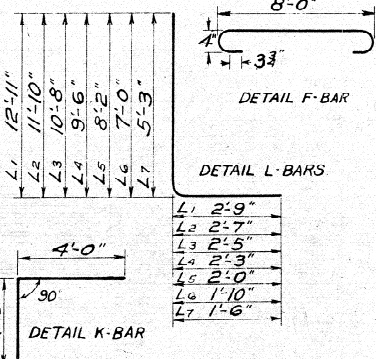
SECTION C-C

PLAN BOTTOM SLAB
PLAN TOP SLAB

STEEL TABLE

MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	MARK	NO.	SIZE	LENGTH	SPACING	LOCATION
A	76	3/4"	31'-6"	12" c to c	Top & Bottom Slab	L4	16	1/2"	11'-8"	As shown	Wings
B	37	1/2"	23'-9"	"	Top Slab	L5	16	1/2"	10'-0"	"	"
C	37	1/2"	23'-9"	"	Bottom Slab	L6	12	1/2"	8'-9"	"	"
D	13	1/2"	37'-0"	As shown	Top Slab	L7	12	1/2"	6'-9"	"	"
E	13	1/2"	37'-0"	"	Bottom Slab	M1	32	1/2"	6'-5"	"	Wing Footing
F	74	3/8"	9'-4"	12" c to c	Top & Bottom Slab	M2	20	1/2"	5'-9"	"	"
G	122	3/8"	13'-9"	7 1/2" std.	Side Wall	M3	16	1/2"	5'-2"	"	"
H	60	3/8"	13'-9"	"	Mid. Wall	M4	16	1/2"	4'-7"	"	"
I	20	1/2"	38'-0"	15" std.	Side & Wing Walls	M5	16	1/2"	3'-11"	"	"
I1	2	1/2"	6'-0"	"	"	M6	16	1/2"	3'-2"	"	"
I2	2	1/2"	11'-0"	"	"	M7	12	1/2"	2'-5"	"	"
I3	2	1/2"	15'-0"	"	"	N1	8	1/2"	16'-6"	"	"
I4	2	1/2"	20'-0"	"	"	N2	8	1/2"	20'-0"	"	"
I5	2	1/2"	24'-0"	"	"	O	8	1/2"	19'-3"	"	Wing Wall
I6	2	1/2"	29'-0"	"	"	P	6	3/8"	22'-6"	"	Headwall
I7	8	1/2"	33'-0"	"	"						
J	10	1/2"	37'-0"	"	Mid. Wall						
K	148	3/8"	8'-0"	As shown	Alt with A-Bars						
L1	20	1/2"	15'-7"	"	Wings						
L2	20	1/2"	14'-4"	"	"						
L3	16	1/2"	13'-0"	"	"						

NOTES -
All exposed edges are to be chamfered 3/4"
All concrete shall be class "A".
Any removal of muck material below the bottom of the
slabs considered necessary by the Engineer shall be measured
in place and paid for at the unit price bid for common excavation.
In addition the necessary back fill of the mucked volume will
be measured in place before excavation and paid for at the
unit price bid for common excavation.
Measurement for excavation for structures shall not
extend below the bottoms of the slab foundation.



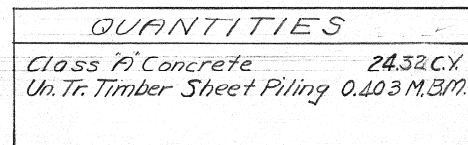
S.C. STATE HIGHWAY DEPARTMENT
COLUMBIA, S.C.
CONCRETE CULVERT
REINFORCED BOX TYPE
DOUBLE 10'x12'x36'-0"
STATION 327+58 PROJ. 40.290 RICHLAND CO.
SCALE 3/8" INCH = 1 FOOT DATE: Nov. 23, 1943

Drawn By: J.H. Briggs 11-29-30
Traced By: J.H. Briggs 12-1-30
Checked By: F.M. Joye 12-5-30
Checked Design: A.C. Colberg 11/1/30
Worked up By: W.B.B. 11-2-43 ; Revised By: W.B.B. 11-8-43
Checked By: A.T.C. 11-2-43 ; Checked By: A.T.C. 11-9-43

CORRECT: _____ BRIDGE ENGINEER
APPROVED: _____ STATE HIGHWAY ENGINEER

CONCRETE * 154.51 CU. YDS.
STEEL 12,931 LBS.
EXCAVATION 290 CU. YDS.
* Does not include concrete in Aprons
Includes excavation for Aprons

2



Scale 3/8" = 1'-0"

Drawn by G.K.B. 11-2-43
Checked by A.T.C.