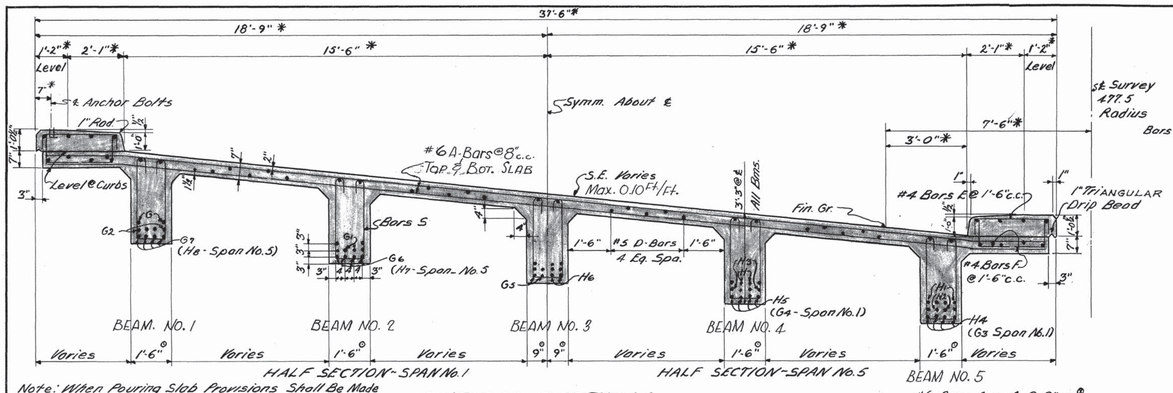
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	TENN.		19	45	145

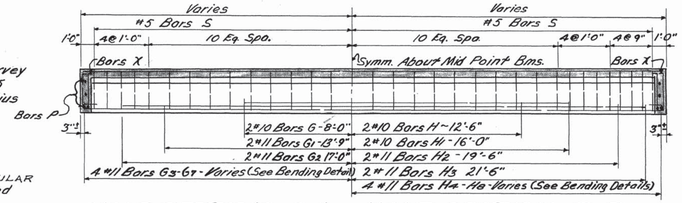
I-75-3(9)145



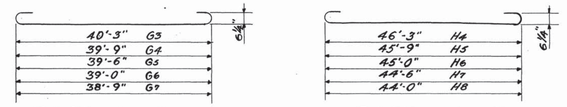
Note: When Pouring Slab Provisions Shall Be Made For Setting Anchor Bars For Handrail End Post. For No. & Location See Handrail End Post, Type 2, On Std. Dwg. G-10-42 & This Sheet. When Pouring Curb Provisions Shall Be Made For Setting Anchor Bolts For Steel Handrail. For No. & Location See Std. Dwg. G-10.100, This Sheet, & Dwg. No. H-12-62.

TYPICAL SECTION

Looking Forward On Survey
*Measured Radially
o Measured @ Right Angle To Beam



HALF SECTION A-A HALF SECTION B-B



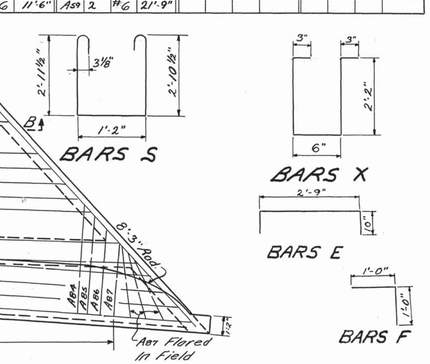
BARS G3-G7 BARS H4-H8

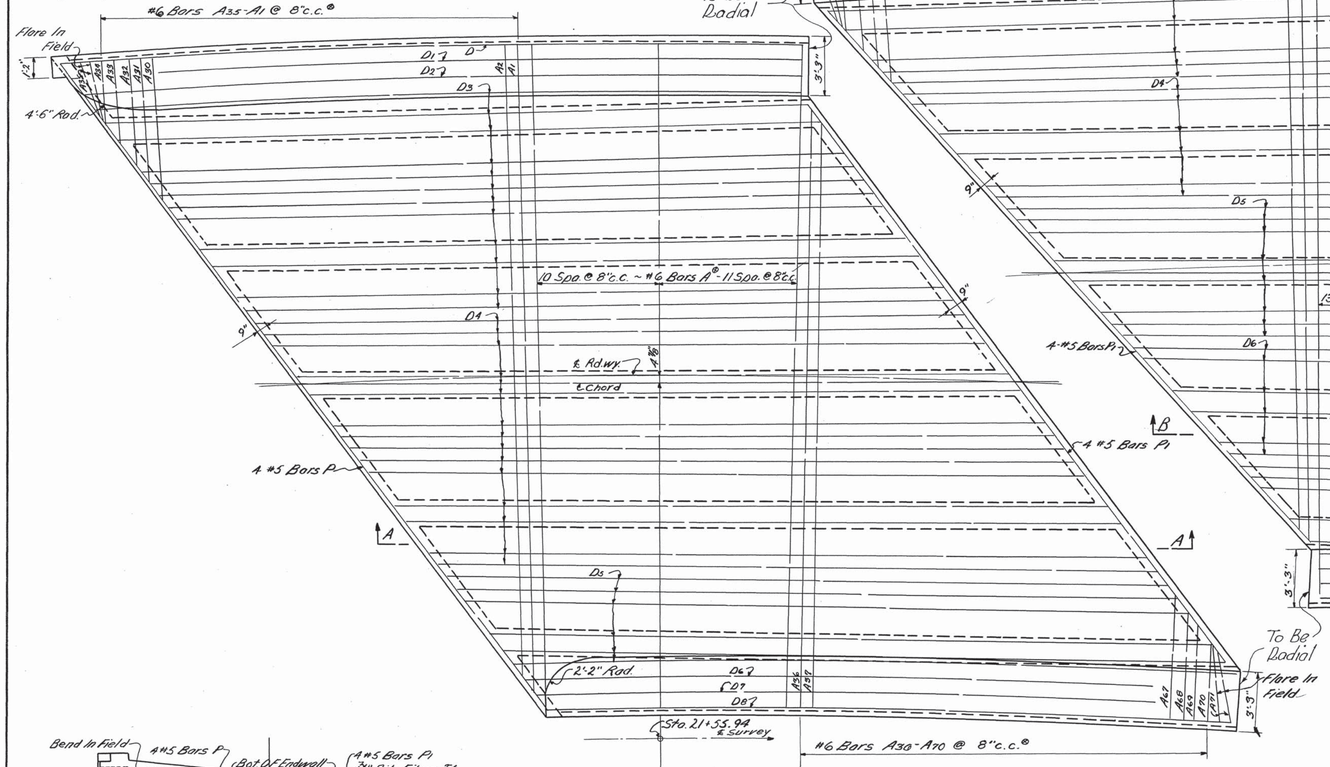
BILL OF STEEL - SPAN No. 1

Bar	No.	Size	Length	Bar	No.	Size	Length	Bar	No.	Size	Length	Bar	No.	Size	Length
A	22	#6	36'-6"	A24	2	#6	13'-9"	A48	2	#6	22'-0"	D	2	#5	40'-9"
A1	2	"	35'-9"	A25	2	"	12'-9"	A49	2	"	21'-3"	D1	2	"	40'-3"
A2	2	"	34'-9"	A26	2	"	11'-9"	A50	2	"	20'-3"	D2	2	"	39'-6"
A3	2	"	33'-9"	A27	2	"	10'-9"	A51	2	"	19'-6"	D3	13	"	38'-9"
A4	2	"	32'-9"	A28	2	"	9'-9"	A52	2	"	18'-9"	D4	14	"	39'-6"
A5	2	"	32'-0"	A29	2	"	8'-9"	A53	2	"	18'-0"	D5	7	"	40'-0"
A6	2	"	31'-0"	A30	2	"	7'-9"	A54	2	"	17'-0"	D6	2	"	39'-0"
A7	2	"	30'-3"	A31	2	"	6'-9"	A55	2	"	16'-3"	D7	2	"	38'-6"
A8	2	"	29'-3"	A32	2	"	5'-9"	A56	2	"	15'-6"	D8	2	#5	37'-9"
A9	2	"	28'-3"	A33	2	"	4'-9"	A57	2	"	14'-9"	E	54	#4	4'-5"
A10	2	"	27'-6"	A34	2	"	3'-9"	A58	2	"	13'-9"	F	108	#4	2'-0"
A11	2	"	26'-6"	A35	4	"	3'-6"	A59	2	"	13'-0"	G	10	#10	16'-0"
A12	2	"	25'-6"	A36	2	"	32'-3"	A60	2	"	12'-3"	G1	10	#11	27'-6"
A13	2	"	24'-6"	A37	2	"	31'-6"	A61	2	"	11'-6"	G2	10	"	34'-0"
A14	2	"	23'-9"	A38	2	"	30'-6"	A62	2	"	10'-9"	G3	4	"	42'-3"
A15	2	"	22'-9"	A39	2	"	29'-9"	A63	2	"	10'-0"	G4	4	"	41'-9"
A16	2	"	21'-9"	A40	2	"	28'-9"	A64	2	"	9'-3"	G5	4	"	41'-6"
A17	2	"	20'-9"	A41	2	"	28'-0"	A65	2	"	8'-3"	G6	4	"	41'-0"
A18	2	"	19'-9"	A42	2	"	27'-0"	A66	2	"	7'-6"	G7	4	#11	40'-9"
A19	2	"	18'-9"	A43	2	"	26'-3	A67	2	"	6'-9"	S	145	#5	8'-0"
A20	2	"	17'-9"	A44	2	"	25'-3	A68	2	"	6'-0"	P	4	#5	48'-3"
A21	2	"	16'-9"	A45	2	"	24'-6"	A69	2	"	5'-3"	P1	4	#5	39'-0"
A22	2	"	15'-9"	A46	2	"	23'-6"	A70	2	"	4'-3"	X	68	#4	5'-4"
A23	2	#6	14'-9"	A47	2	#6	22'-9"	A71	4	#6	4'-0"				

BILL OF STEEL - SPAN No. 5

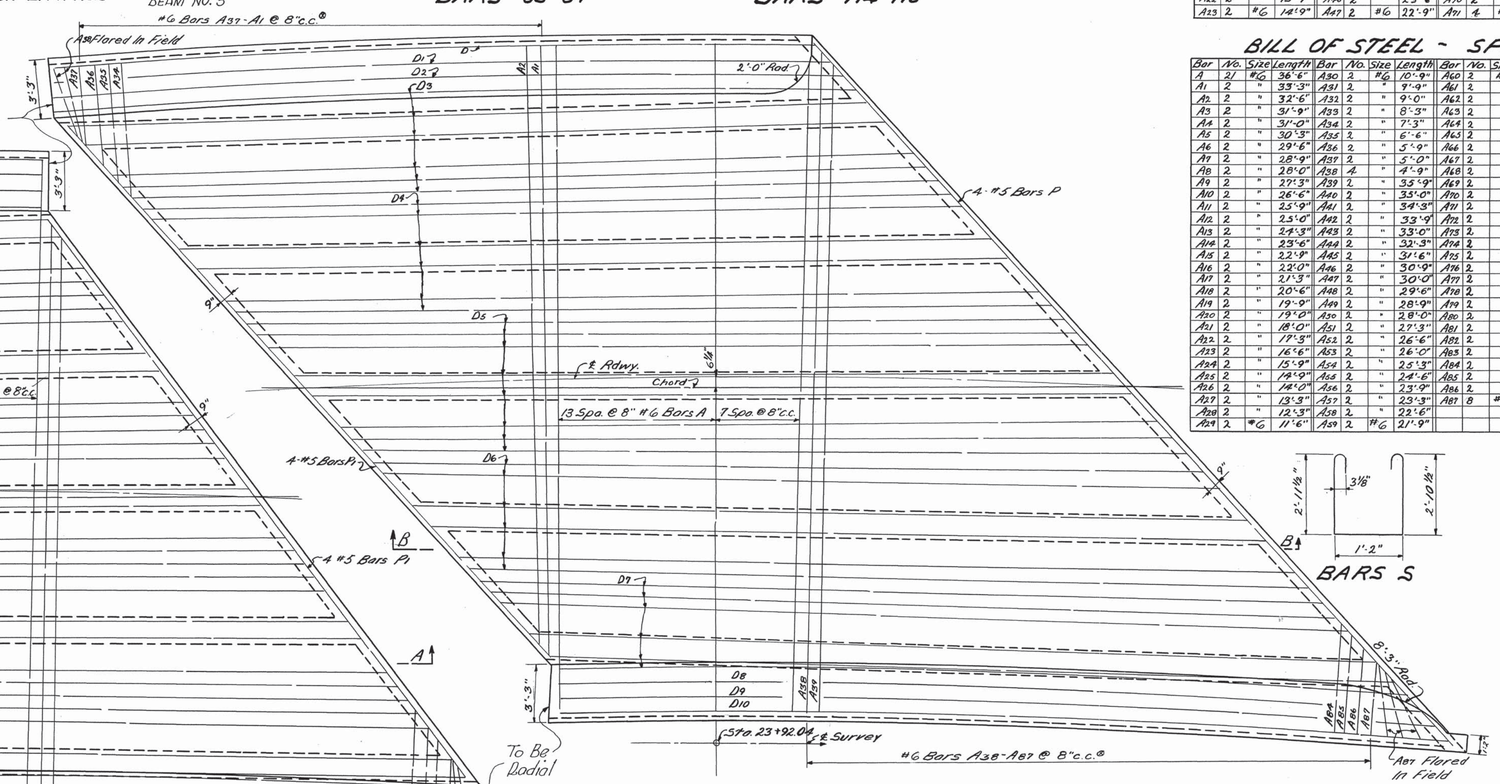
Bar	No.	Size	Length	Bar	No.	Size	Length	Bar	No.	Size	Length	Bar	No.	Size	Length
A	22	#6	36'-6"	A30	2	#6	10'-9"	A60	2	#6	21'-0"	D	2	#5	41'-8"
A1	2	"	35'-9"	A31	2	"	9'-9"	A61	2	"	20'-6"	D1	2	"	43'-9"
A2	2	"	32'-6"	A32	2	"	9'-0"	A62	2	"	19'-9"	D2	2	"	43'-6"
A3	2	"	31'-9"	A33	2	"	8'-3"	A63	2	"	19'-3"	D3	7	"	44'-0"
A4	2	"	31'-0"	A34	2	"	7'-3"	A64	2	"	18'-6"	D4	6	"	44'-6"
A5	2	"	30'-3"	A35	2	"	6'-6"	A65	2	"	18'-0"	D5	8	"	45'-0"
A6	2	"	29'-6"	A36	2	"	5'-9"	A66	2	"	17'-3"	D6	6	"	45'-9"
A7	2	"	28'-9"	A37	2	"	5'-0"	A67	2	"	16'-6"	D7	7	"	46'-6"
A8	2	"	28'-0"	A38	4	"	4'-9"	A68	2	"	16'-0"	D8	2	#5	47'-9"
A9	2	"	27'-3"	A39	2	"	35'-9"	A69	2	"	15'-3"	D9	2	#5	48'-3"
A10	2	"	26'-6"	A40	2	"	35'-0"	A70	2	"	14'-9"	E	62	#4	4'-5"
A11	2	"	25'-9"	A41	2	"	34'-3"	A71	2	"	14'-0"	F	124	#4	2'-0"
A12	2	"	25'-0"	A42	2	"	33'-9"	A72	2	"	13'-6"	H	10	#10	25'-0"
A13	2	"	24'-3"	A43	2	"	33'-0"	A73	2	"	13'-0"	H1	10	#10	32'-0"
A14	2	"	23'-6"	A44	2	"	32'-3"	A74	2	"	12'-3"	H2	10	#11	39'-0"
A15	2	"	22'-9"	A45	2	"	31'-6"	A75	2	"	11'-9"	H3	10	"	43'-0"
A16	2	"	22'-0"	A46	2	"	30'-9"	A76	2	"	11'-0"	H4	4	"	48'-3"
A17	2	"	21'-3"	A47	2	"	30'-0"	A77	2	"	10'-6"	H5	4	"	47'-9"
A18	2	"	20'-6"	A48	2	"	29'-6"	A78	2	"	9'-9"	H6	4	"	47'-0"
A19	2	"	19'-9"	A49	2	"	28'-9"	A79	2	"	9'-3"	H7	4	#11	46'-6"
A20	2	"	19'-0"	A50	2	"	28'-0"	A80	2	"	8'-6"	H8	4	#11	46'-0"
A21	2	"	18'-0"	A51	2	"	27'-3"	A81	2	"	8'-0"	S	185	#5	8'-0"
A22	2	"	17'-3"	A52	2	"	26'-6"	A82	2	"	7'-3"	P	4	#5	52'-6"
A23	2	"	16'-6"	A53	2	"	26'-0"	A83	2	"	6'-9"	P1	4	#5	40'-0"
A24	2	"	15'-9"	A54	2	"	25'-3"	A84	2	"	6'-0"	X	76	#4	5'-4"
A25	2	"	14'-9"	A55	2	"	24'-6"	A85	2	"	5'-6"				
A26	2	"	14'-0"	A56	2	"	23'-9"	A86	2	"	5'-0"				
A27	2	"	13'-3"	A57	2	"	23'-3"	A87	8	#6	4'-3"	D10	2	#5	39'-3"
A28	2	"	12'-3"	A58	2	"	22'-6"								
A29	2	#6	11'-6"	A59	2	#6	21'-9"								





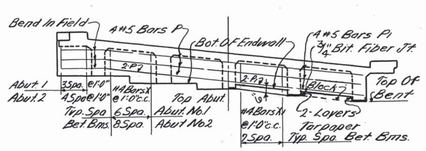
SLAB PLAN - SPAN No. 1

Showing Slab Reinforcement
For Slab Dimensions & Beam Layout See Geometrical Layout Sheet
* Note: Reinforcement To Be Placed Radially & Spacing Taken Along ℄ Rdwy.



SLAB PLAN - SPAN No. 5

Showing Slab Reinforcement
For Slab Dimensions & Beam Layout Geometrical Layout Sheet



HALF FIXED END ELEV. At Abut. HALF EXP. END ELEV. At Bent

ESTIMATED QUANTITIES

ITEM	Concrete Class "A" Cu. Yds.	Reinf. Steel Lbs.
Span No. 1	77.0	15949
Span No. 5	88.4	20822

DESIGNED BY D.B.O. DATE
DRAWN BY A. Burke DATE 10-7-59
TRACED BY Paul Bain DATE 11-25-59
CHECKED BY DATE

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

SUPERSTRUCTURE DETAILS SPANS No. 1 & 5 STATE ROUTE No. 9 OVER I-75 STA. 1+64 (I-75) SHARPS GAP INTERCHANGE KNOX COUNTY 1959

CORRECT Fred Guess BRIDGE ENGINEER
APPROVED Chas D. Ring STATE HIGHWAY ENGINEER

H-12-64

APPROVED 9-19-60 Revised 12-17-59 Revised 8-30-60 T.D.O. Bridge Engineer