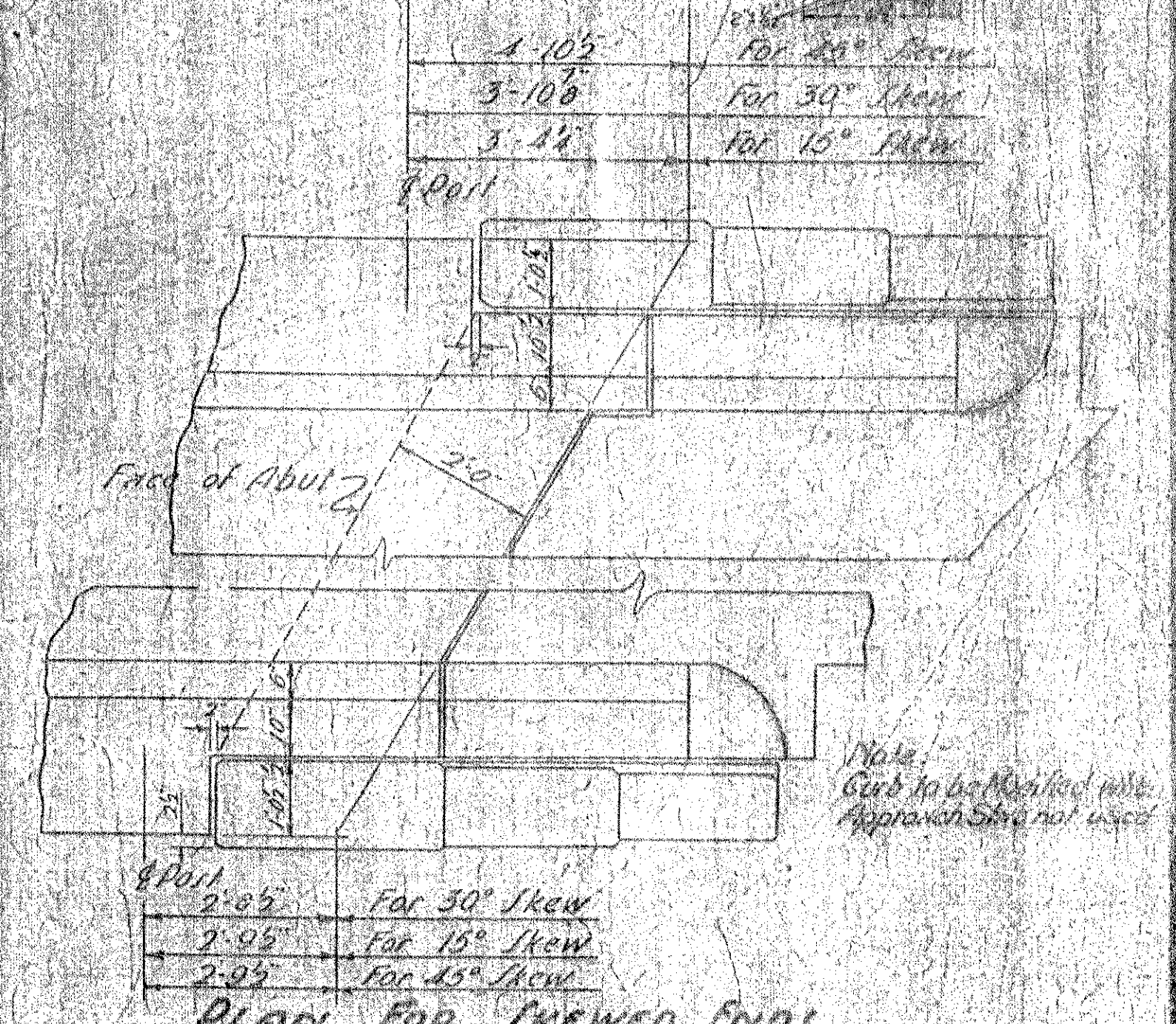


TYPICAL ELEVATION FOR 30° PARAWAY
42° D Paray Similar Except As Shown In Curb Section Below

Overall Span	D	RAIL SPACING D AT BRIDGE RAILING						L.F. CURB	D	L.F. RAILING
		15°	30°	15°	30°	15°	30°			
39'-0"	12	6'-1 1/2"	6'-8"	6'-5 1/2"	69'-0"	68'-0"	67'-10"	78'-0"	6'-3 1/2"	62'-8"
44'-0"	14	6'-4"	6'-5 1/2"	6'-2 1/2"	79'-0"	78'-9"	77'-10"	88'-0"	6'-0 1/2"	75'-8"
49'-0"	16	7'-2"	7'-1 1/2"	7'-0 1/2"	89'-0"	88'-9"	87'-10"	98'-0"	6'-10"	85'-8"
54'-0"	18	6'-10"	6'-7 1/2"	6'-9 1/2"	99'-0"	98'-9"	97'-10"	108'-0"	6'-7 1/2"	95'-8"
59'-0"	20	6'-7 1/2"	6'-7 1/2"	6'-8 1/2"	109'-0"	108'-9"	107'-10"	118'-0"	6'-5"	105'-8"
64'-0"	22	6'-5 1/2"	6'-5 1/2"	6'-4 1/2"	119'-0"	118'-9"	117'-10"	128'-0"	6'-3 1/2"	115'-8"
69'-0"	24	7'-0"	6'-11 1/2"	6'-11 1/2"	129'-0"	128'-9"	127'-10"	138'-0"	6'-9 1/2"	125'-8"
74'-0"	26	6'-5 1/2"	6'-9 1/2"	6'-8 1/2"	139'-0"	138'-9"	137'-10"	148'-0"	6'-7 1/2"	135'-8"
79'-0"	28	6'-9 1/2"	6'-7 1/2"	6'-7"	149'-0"	148'-9"	147'-10"	158'-0"	6'-5 1/2"	145'-8"
84'-0"	30	7'-1 1/2"	7'-0 1/2"	7'-0 1/2"	159'-0"	158'-9"	157'-10"	168'-0"	6'-11 1/2"	155'-8"
89'-0"	32	6'-11"	6'-10 1/2"	6'-10 1/2"	169'-0"	168'-9"	167'-10"	178'-0"	6'-9 1/2"	165'-8"
94'-0"	34	6'-4 1/2"	6'-9 1/2"	6'-9 1/2"	179'-0"	178'-9"	177'-10"	188'-0"	6'-7 1/2"	175'-8"
99'-0"	36	7'-5"	7'-4 1/2"	7'-4 1/2"	189'-0"	188'-9"	187'-10"	198'-0"	7'-0 1/2"	185'-8"
54'-0"	10	7'-0"	6'-11 1/2"	6'-10 1/2"	59'-0"	58'-9"	57'-10"	68'-0"	6'-7"	55'-8"



All work and materials shall conform to the State of Vermont, Department of Highways, Standard Specifications for Highway and Bridge Construction dated January 1956.

Details shown are for single span bridges. Post spacing for multiple span bridges should be shown on project plans.

When Aluminum is to come in contact with other materials, it shall be protected as called for in the specifications. The details for Aluminum Bridge Railing on this sheet are identical with those shown on sheet SB-5A-56.

Typical Railing Details shown. Similar details may be substituted with written approval of the Engineer.

ALUMINUM BRIDGE RAILING

Revisions & Corrections

Changed width of Curb depression 6/3/38
 Added width of End Posts 6/3/38
 Changed Flange Rubber to Raybolt Joint Filler 9/16/50
 Changed M&P under Curb to Cement Grout 10/2/38
 Changing 2 rail railing to be used only on certain conditions 11/21/58
 Granite Bridge Curbs Revised 5/16/59
 Post bolt clearance revised 4/18/59
 Note on End Posts added 5/16/60
 Galv. Iron Railing not added 6/6/60

Drawn By L.H.B. 8-15-36
 Traced By A.M. 8-22-36
 Checked By L.H. 8-26-36

Corrected Aug. 22, 1936
 G.T. [Signature]
 BRIDGE ENGINEER

Approved Aug. 22, 1936
 W.E. [Signature]
 CHIEF ENGINEER

DETAILS OF BRIDGE RAILING
ITEM 572 AND
DETAILS OF GRANITE BRIDGE CURB
ITEM 556-C

GALVANIZED BRIDGE RAILING AS SHOWN ON SHEET 2 OF 2
MAY BE SUBSTITUTED.

DEPARTMENT OF HIGHWAYS
 STANDARD STRUCTURES

SB-5G-57