

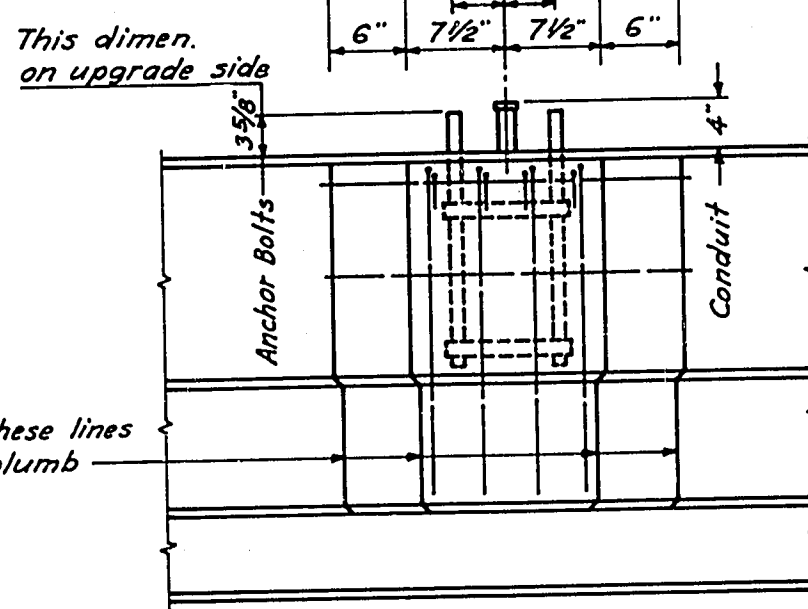
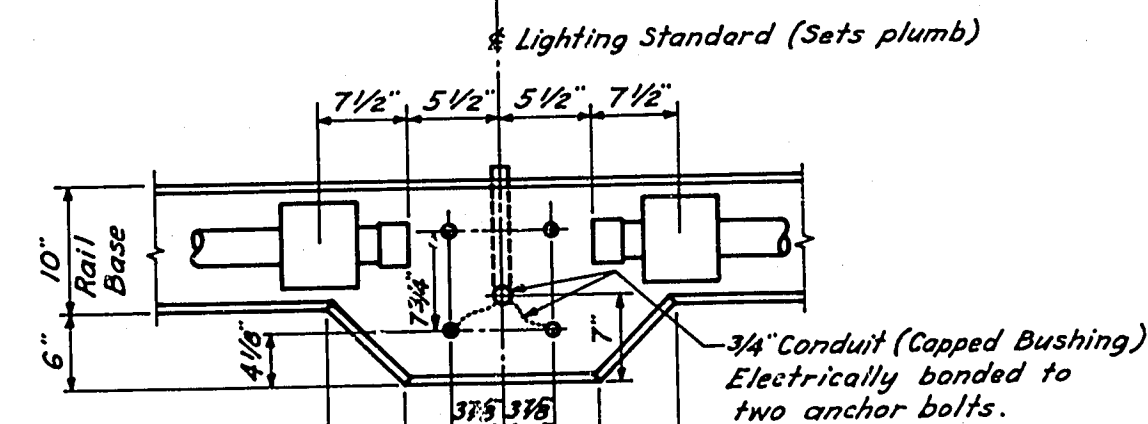
GIRDER DIMENSIONS

L^W LINE

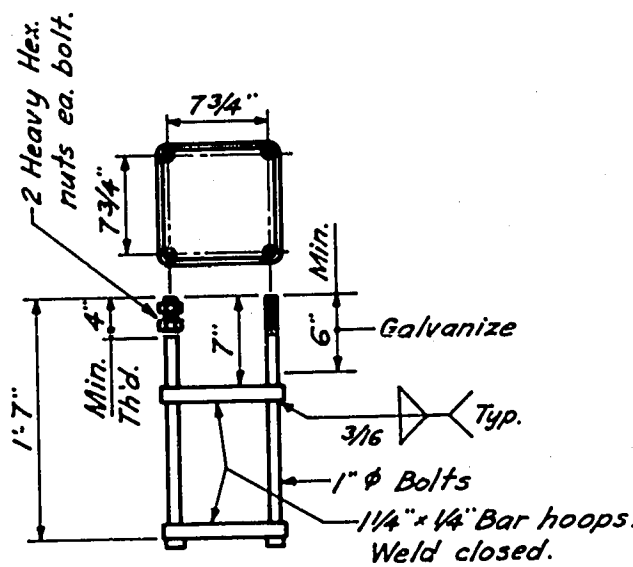
Span	Girder	Length	Θ	P	Q	Ø	R	S	Ctr.-Ctr. Brg.	Girder Series
No. 1	A	44'-8"	59°22'	9 1/2"	11 1/16"	59°22'	11 3/4"	1'-1 5/8"	42'-7 5/16"	70 ft.
	B thru O	44'-4 1/4"	59°38'	9 1/2"	11"	59°38'	9 1/2"	11"	42'-6 1/4"	
	P	44'-5 3/4"	59°50'	9 1/2"	11"	59°50'	11 3/4"	1'-1 9/16"	42'-5 3/16"	
No. 2	A	69'-11 1/4"	59°55'	11 3/4"	1'-1 3/16"	59°55'	11 3/4"	1'-1 9/16"	67'-8 1/8"	
	B thru O	69'-5 1/8"	60°03'	9 1/2"	10 15/16"	60°03'	9 1/2"	10 15/16"	67'-7 1/4"	
	P	69'-9 7/8"	60°05'	11 3/4"	1'-1 3/16"	60°05'	11 3/4"	1'-1 9/16"	67'-6 3/4"	
No. 3	A	39'-6"	60°05'	11 3/4"	1'-1 3/16"	50°35'	9 1/2"	1'-0 3/16"	37'-4 1/8"	
	B	40'-7 1/8"		9 1/2"	10 15/16"				38'-7 7/8"	
	C	41'-10 3/4"							39'-11 1/2"	
	D	43'-2 3/8"							41'-3 1/8"	
	E	44'-6"							42'-6 3/4"	
	F	45'-9 3/8"							43'-10 3/8"	
	G	47'-1 1/4"							45'-2"	
	H	48'-4 3/4"							46'-5 1/2"	
	I	49'-8 3/8"							47'-9 1/8"	
	J	50'-8 1/4"							48'-9"	
	K	52'-0 1/8"							50'-0 7/8"	
	L	53'-4"							51'-4 3/4"	
	M	54'-7 7/8"							52'-8 5/8"	
	N	55'-11 3/4"							54'-0 1/2"	
	O	57'-3 3/8"		9 1/2"	10 15/16"				55'-4 3/8"	
	P	58'-10 1/8"	60°05'	11 3/4"	1'-1 3/16"	50°35'	9 1/2"	1'-0 3/16"	56'-8 1/4"	70 ft.

RAMP "E"

Span	Girder	Length	Θ	P	Q	Ø	R	S	Ctr.-Ctr. Brg.	Girder Series
No. 1	A	41'-11 1/2"	66°09'	9 1/2"	10 3/8"	66°09'	11 3/4"	1'-0 7/8"	40'-0 1/4"	70 ft.
	B	42'-0 7/8"	65°11'	9 1/2"	10 7/16"	65°11'	9 1/2"	10 7/16"	40'-4"	
	C	42'-0 7/8"							40'-4"	
	D	42'-0 3/4"							40'-3 7/8"	
	E	42'-0 3/4"							40'-3 7/8"	
	F	42'-0 3/8"	65°11'	9 1/2"	10 7/16"	65°11'	9 1/2"	10 7/16"	40'-3 3/4"	
	G	42'-6 1/2"	64°21'	9 1/2"	10 9/16"	64°21'	11 3/4"	1'-1 1/16"	40'-6 7/8"	
No. 2	A	68'-7"	62°00'	11 3/4"	1'-1 5/16"	62°00'	11 3/4"	1'-1 5/16"	66'-4 3/8"	
	B thru F	67'-11 1/4"	62°22'	9 1/2"	10 3/4"	62°22'	9 1/2"	10 3/4"	66'-1 3/4"	
No. 3	A	68'-1 1/2"	62°46'	11 3/4"	1'-1 3/16"	62°46'	11 3/4"	1'-1 3/16"	65'-11 1/8"	
	B	68'-1 1/2"	62°46'	11 3/4"	1'-1 3/16"	62°46'	11 3/4"	1'-1 3/16"	65'-11 1/8"	
	C	68'-1 1/2"	62°46'	11 3/4"	1'-1 3/16"	62°46'	11 3/4"	1'-1 3/16"	65'-11 1/8"	
	D	62'-2 1/4"							60'-3 9/16"	
	E	63'-5 3/8"							61'-6 1/16"	
	F	64'-8 1/2"	62°22'	9 1/2"	10 3/4"	62°22'	9 1/2"	11 15/16"	62'-9 1/16"	
	G	65'-8 7/8"	62°46'	11 3/4"	1'-1 3/16"	62°46'	9 1/2"	11 7/8"	63'-7 13/16"	70 ft.

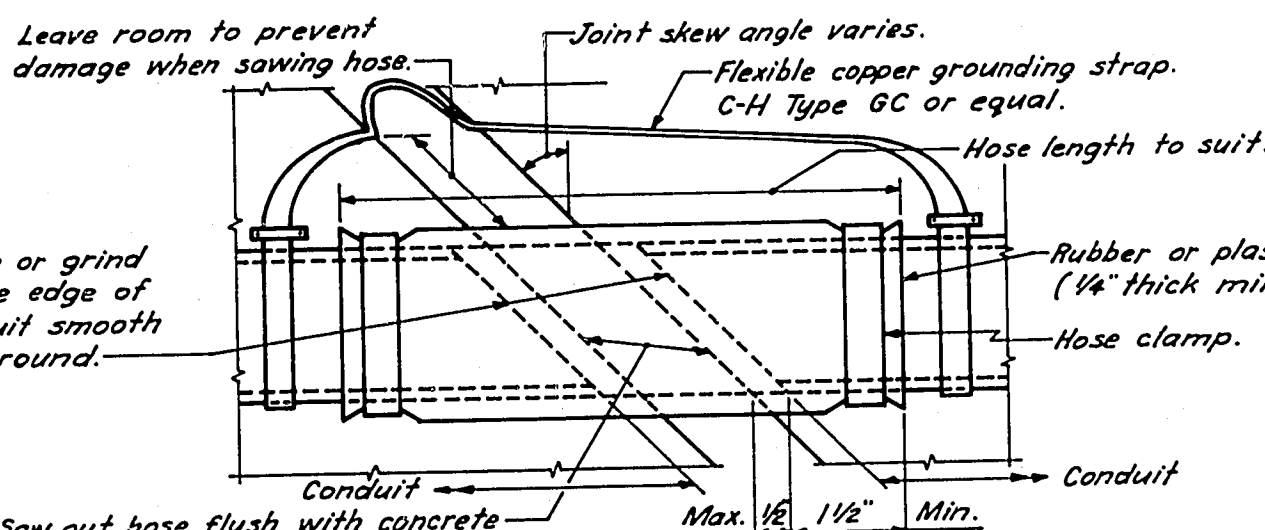


LIGHTING STANDARD BASE



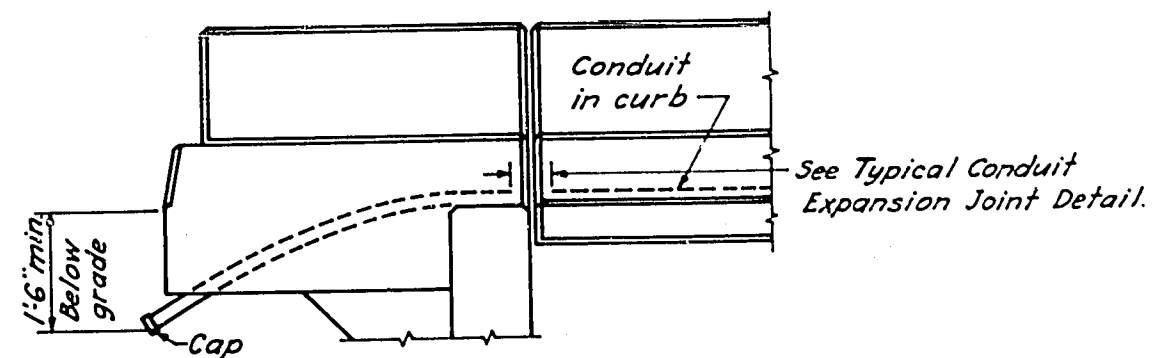
LIGHTING STANDARD ANCHOR BOLT ASSEMBLY

Bolts shall be positioned in jig during welding. Bolts A.S.T.M. A-307 Bars A.S.T.M. A-7

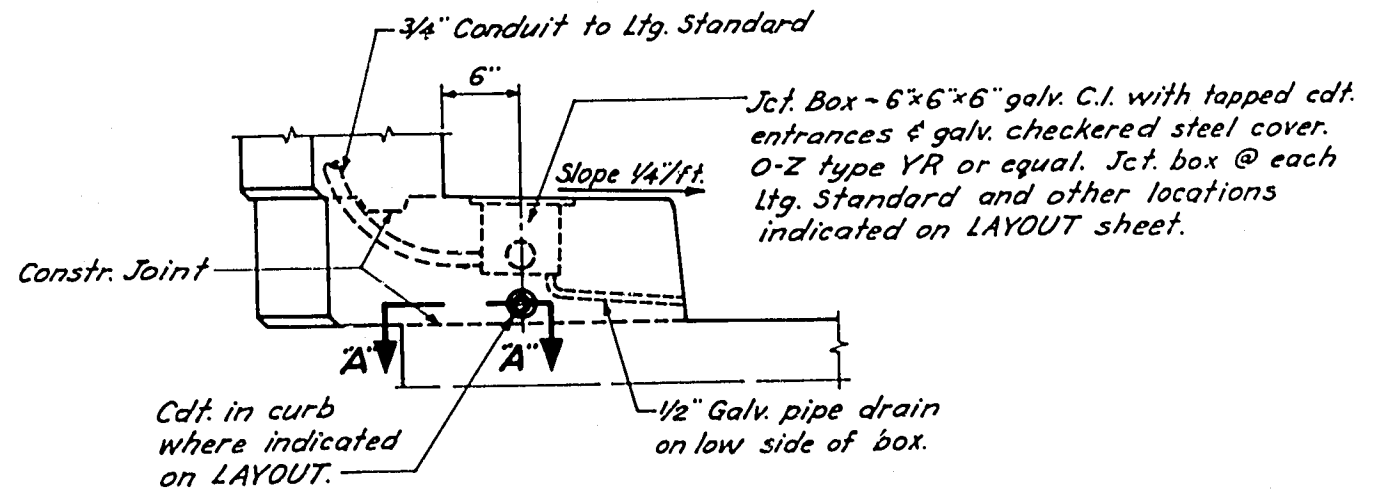


SECTION "A-A" TYPICAL CONDUIT EXPANSION JOINT DETAIL

Showing conduit detail in curb @ open joints occurring @ bents.

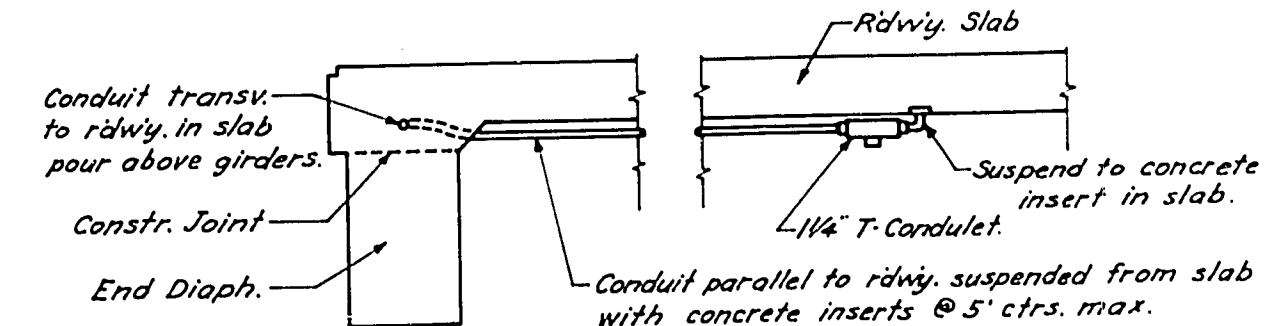


CONDUIT AT BRIDGE ENDS



SECTION THRU CURB

Showing conduit and boxes in curb. Install #3 galv. iron pull wire in all conduit runs in curbs & to fixture hangers. All conduit shall be galvanized rigid conduit of size indicated on LAYOUT. Install all conduit runs to drain to a box or bridge end or conduit exp. jt. Conduit to fixture hanger not shown.



DETAIL "C"

STATE HIGHWAYS NOS. 1 AND 1-L
SOUTH 184TH. STREET TO SOUTH 144TH. STREET
KING COUNTY
TUKWILA INTERCHANGE
L^W OVER B AND E OVER B

GIRDER DIMENSIONS & DETAILS

WASHINGTON STATE HIGHWAY COMMISSION
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON

DESIGNED BY: E. L. MICALSON
CHECKED BY: J. M. BLAIR, JR.
DATE: Sept. 16, 1963
SHEET 109 OF 153 SHEETS
CONTRACT NO. 7401



Signature: [Handwritten Signature]

P/1768

166/97

1-1103-3