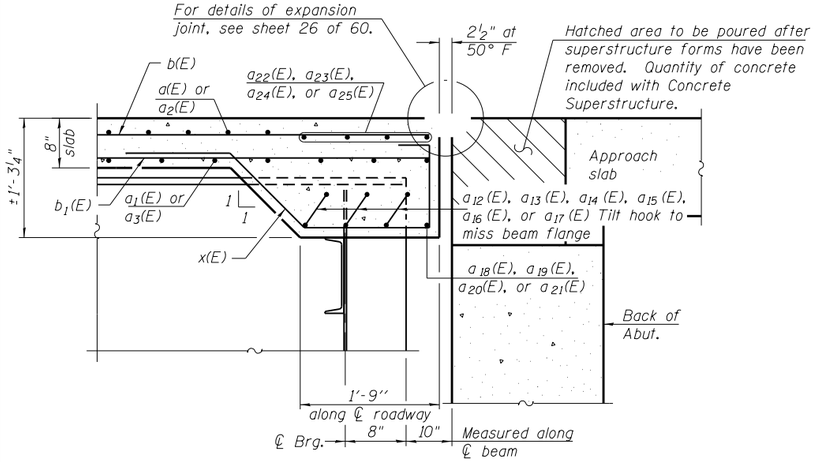
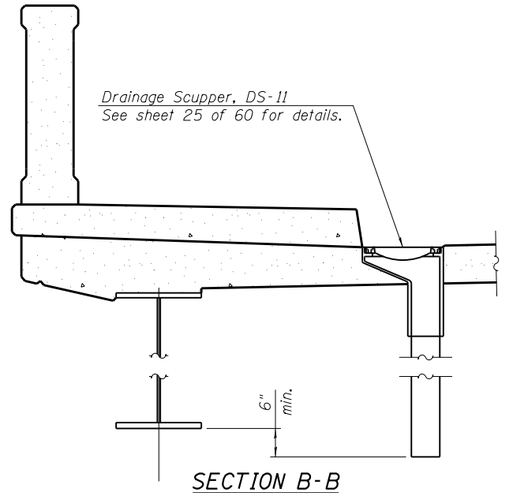


SECTION A-A



SECTION B-B

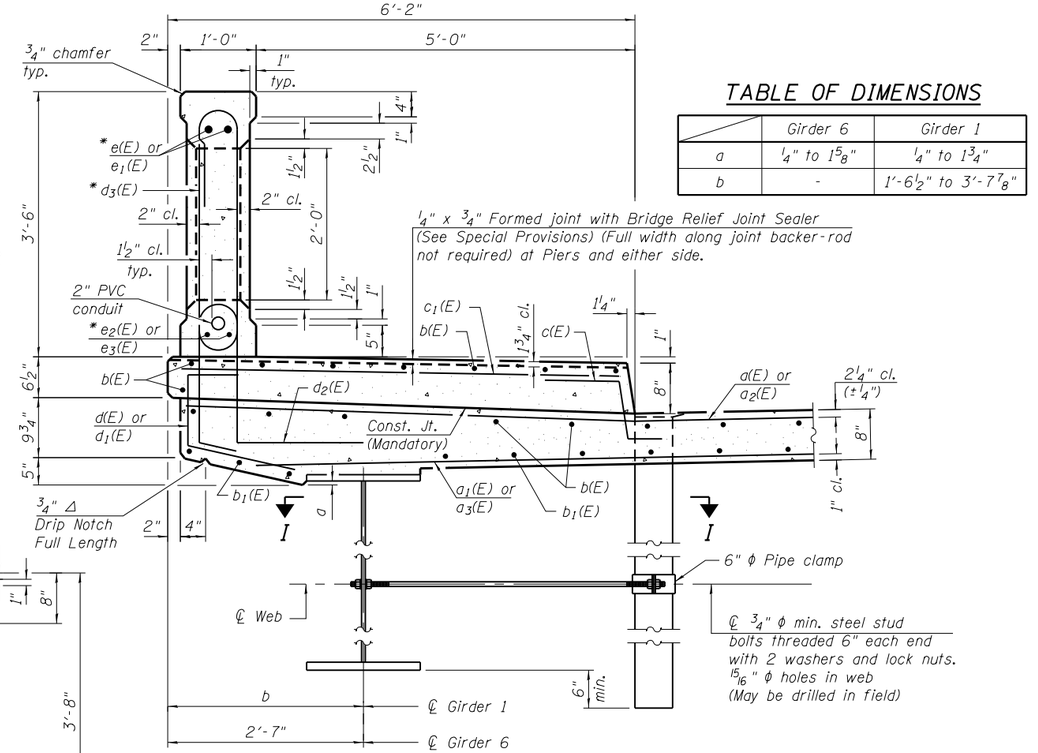


TABLE OF DIMENSIONS

	Girder 6	Girder 1
a	¼" to 1 5/8"	¼" to 1 3/4"
b	-	1'-6½" to 3'-7 7/8"

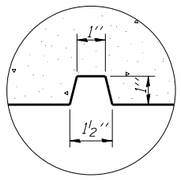
SECTION D-D

* Bars e(E) thru e_3(E) and d_3(E) are included in the cost of Concrete Bridge Railing, Sidewalk Mounted.

SECTION E-E

(South end of rail shown. North end rotated 180° and similar.)

SECTION C-C

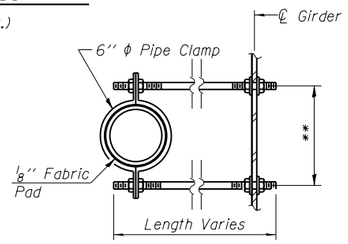


DETAIL A

TABLE OF DIMENSIONS

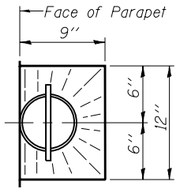
	A	B
East Rail	1'-1¾"	11"
West Rail	1'-1½"	10¾"

A = Span 1
B = Span 2

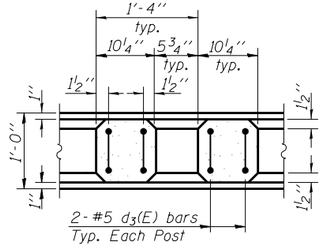


SECTION I-I

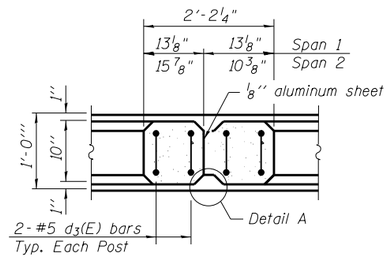
**Dimension as required by Pipe Clamp



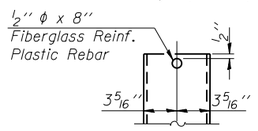
TOP PLAN



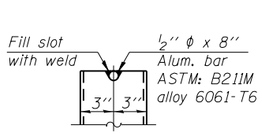
SECTION G-G



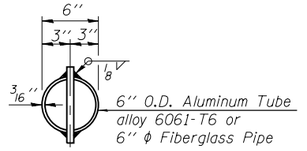
SECTION H-H



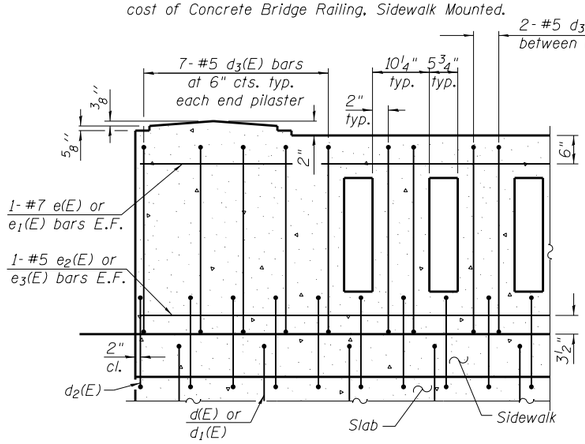
FIBERGLASS PIPE



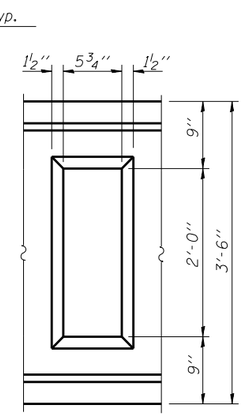
ALUMINUM TUBE



TOP PLAN
(Showing Aluminum Tube)



TYPICAL REINFORCEMENT PLACEMENT
(Inside Face)



WINDOW DETAIL

Notes:

Work this sheet with sheets 16-18 and 20 of 60.

All concrete for railing wall shall be Class BS according to Article 1020.04 of the Standard Specifications. Surface of railing shall receive a rubbed finish according to Article 503.15(b) of the Standard Specifications.

All parts of the railing including concrete, reinforcing and anchor rods will be paid for at the contract unit price per foot for Concrete Bridge Railing, Sidewalk Mounted.

Holes and recesses must be formed or cored. Drilling is not permitted.

Aluminum sheets shall be according to ASTM B209 alloy 3003-H14.

design firm no. 184001036
whks engineers + planners + land surveyors

USER NAME = dheberling	DESIGNED - SBC	REVISED	
FILE NAME = 0430028-64E08.dgn	CHECKED - BRD	REVISED	
PLOT SCALE = 0.02000 '' / in.	DRAWN - DLH	REVISED	
PLOT DATE = 8/5/2013	CHECKED - SBC	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 043-0080
SHEET NO. 19 OF 60 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
308	103BR-4	JoDAVIESS	159	69
		CONTRACT NO. 64E08		
	ILLINOIS FED. AID PROJECT			