

8"x10"x1/2" Aluminum Plate (Post Anchor Bracket) anchored into the concrete curb

2" Thick Aluminum Plate Post, welded to 1/2" Alum. Plate (Post Anchor Bracket), spaced 6'-0" O.C. Typ.

2 - 1/2" Thick Aluminum Plate Post, welded to 1/2" Alum. Plate spaced 3 1/2" O.C., at Railing Expansion joint

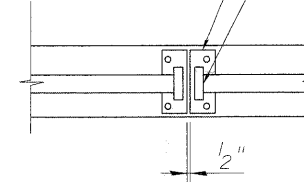
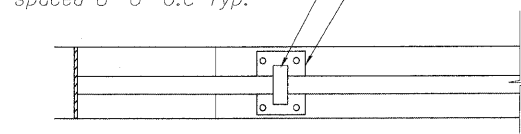
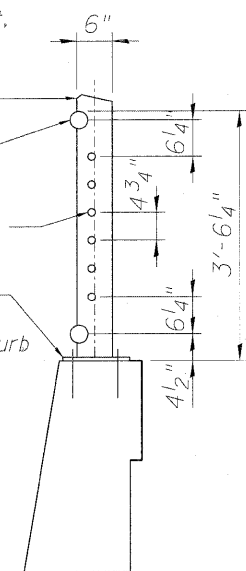
2-6"x10"x1/2" Aluminum Plate, at Rail Expansion Joint

2" Thick Aluminum Plate Post, welded to 1/2" Alum. Plate (Post Anchor Bracket), spaced 6'-0" O.C. Typ.

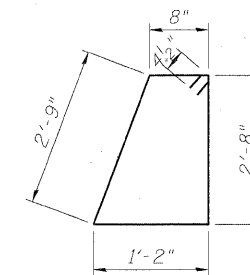
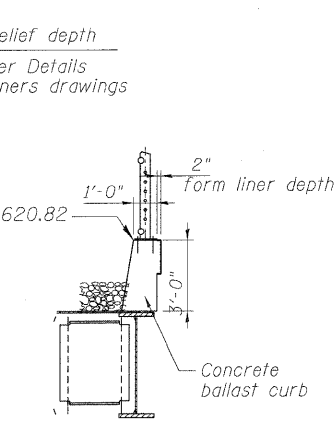
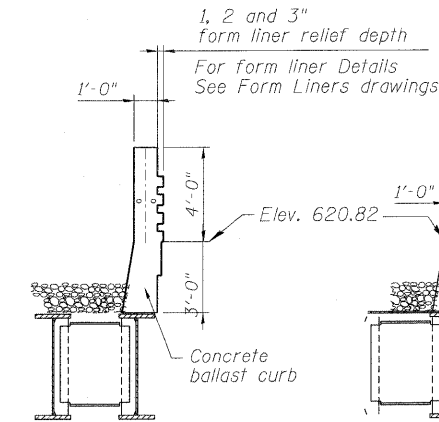
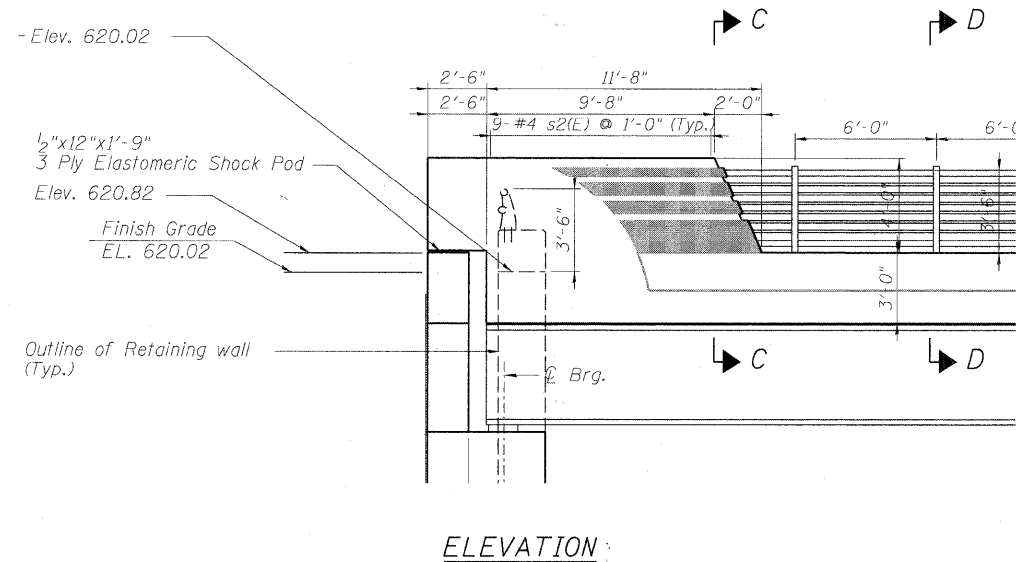
3" Dia Aluminum Rail Top and Bottom

1/8" Aluminum Rod Infill Rail, Typ.

8"x10"x1/2" Aluminum Plate (Post Anchor Bracket) anchored into the concrete curb

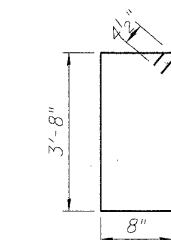
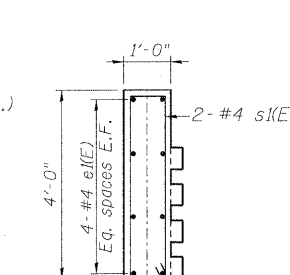
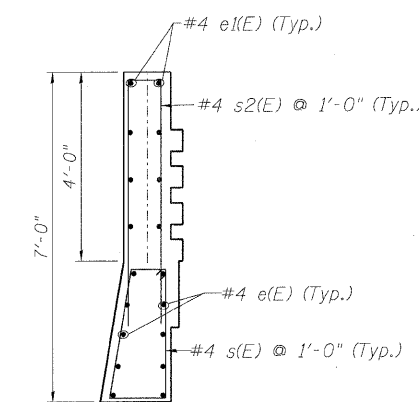
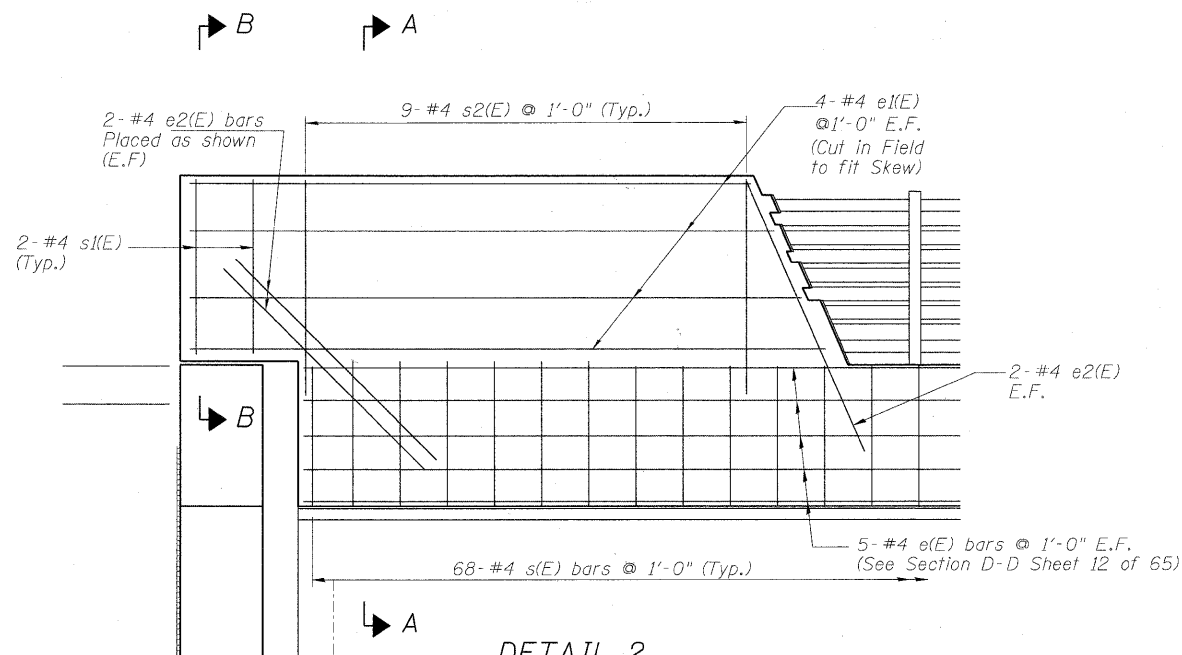


DETAIL 1  
Aluminum Railing

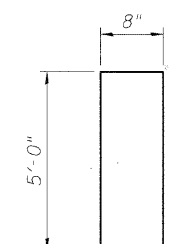


BILL OF MATERIAL

Bar	No.	Size	Length	Shape
e(E)	136	#4	25'-3"	—
e1(E)	36	#4	13'-11"	—
e2(E)	24	#4	6'-0"	—
s(E)	136	#4	8'-0"	□
s1(E)	8	#4	9'-5"	□
s2(E)	36	#4	10'-8"	□
Reinforcement Bars, Epoxy Coated			Pound	3760



BAR s1(E)



BAR s2(E)

FILE NAME = P:\6715587\0002\_CAD\001\_Drawing\Sheets\Structure\016-7721\_DD1\_ah14\_Railing.dgn



USER NAME = kpr12zm	DESIGNED - DD	REVISED -
PLOT SCALE = 0.1:0000 1/4" = 1'-0"	DRAWN - DD	REVISED -
PLOT DATE = 3/16/2011	CHECKED - EJO	REVISED -
	DATE - 10/11/2010	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RAILING LAYOUT AND DETAILS  
STRUCTURE NO. 016-7721

SCALE: SHEET NO. 14 OF 65 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	107
CONTRACT NO. 63556			ILLINOIS FED. AID PROJECT	