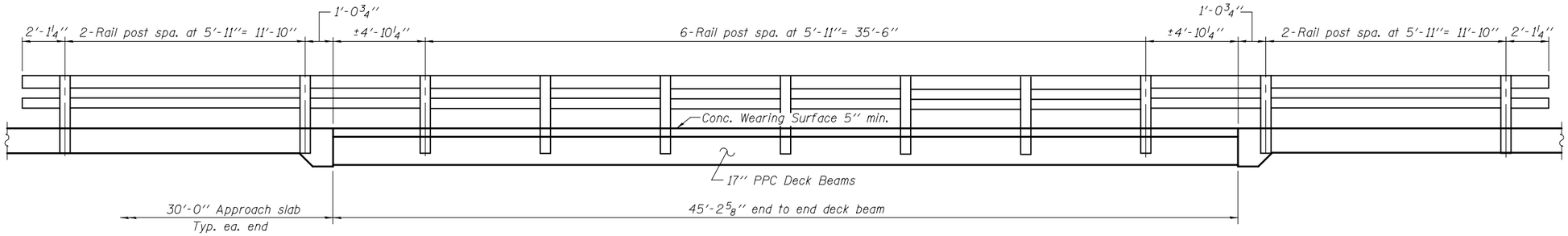
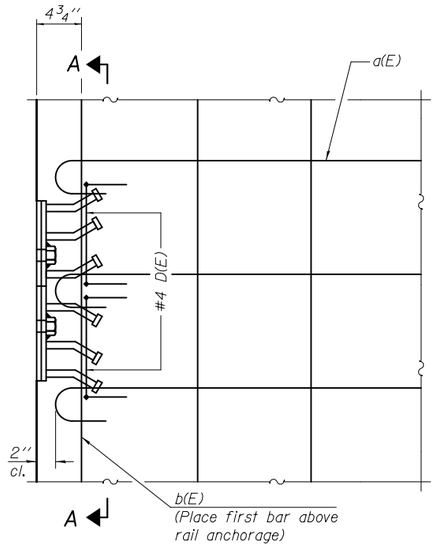
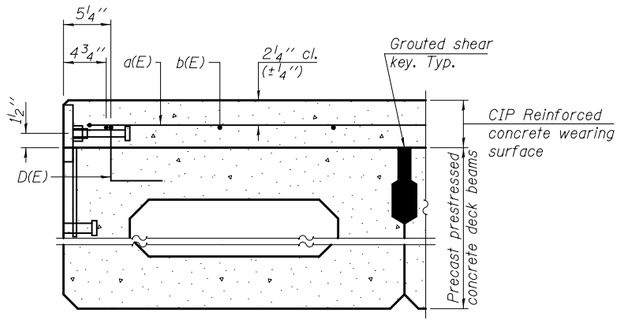


RAIL POST SPACING

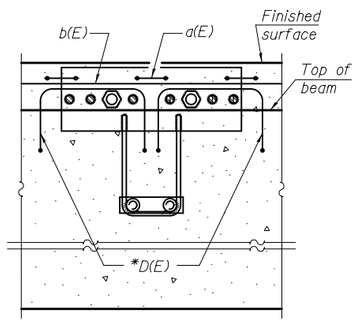


PLAN

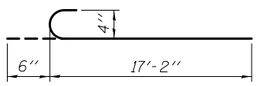
Notes:
Formwork necessary for the wearing surface may be secured utilizing the bottom rail anchorage inserts and/or additional inserts cast into the beam.



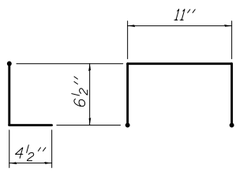
SECTION THRU FASCIA BEAM



SECTION A-C

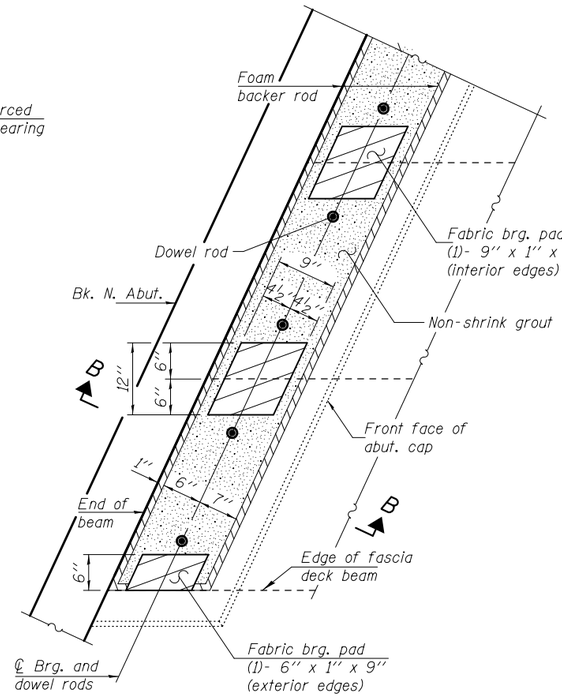


BAR a(E)



BAR D(E)

*Place 2-#4 D(E) bars in beam at each post location as shown. D(E) bar included in cost of beam. See sheet 8 of 11.



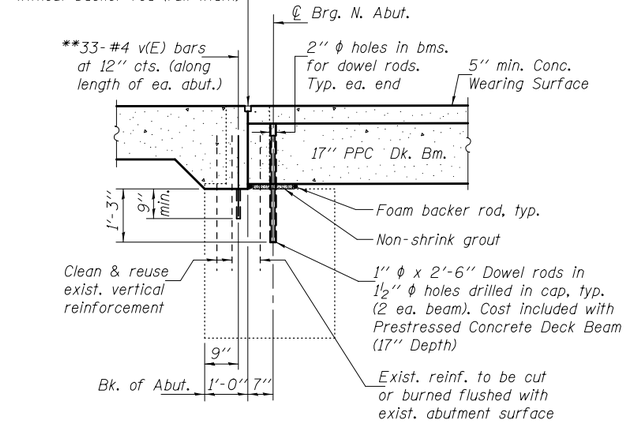
PLAN

Notes:
The bearing seat surfaces shall be adjusted by shimming the bearing to assure firm and even bearing prior to placement of grout. 2-⅛" fabric adjusting shims of the dimensions of the exterior bearing pad shown shall be provided for each bearing.
Burn existing dowel rods flush with existing abutment surfaces. Cost included with Removal of Existing Superstructures.
Existing vertical reinforcement bars extending into the new construction shall be cleaned, straightened and incorporated into the new construction. Cost included with Removal of Existing Superstructures.

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	92	#4	17'-8"	C
b(E)	64	#4	23'-9"	—
v(E)	66	#4	2'-4"	—
Reinforcement Bars, Epoxy Coated			Pound	2200
Concrete Wearing Surface, 5"			Sq. Yd.	161

Bars indicated thus 32 x 2-#4 etc. indicates 32 line of bars with 2 lengths per line.



SECTION B-B

(Dimensions measured at Rt. L's)
(South Abut. similiar by rotation)

**Epoxy grout v(E) bars in 9" min. drilled holes according to Section 584 of the Std. Specs.

DESIGNED	-	Fess Teklehaimanot	
CHECKED	-	Ray Ahanchi	
DRAWN	-	h.t. duong	
CHECKED	-	FT/GRA	

EXAMINED — ACTING ENGINEER OF BRIDGE DESIGN
PASSED — ACTING ENGINEER OF BRIDGES AND STRUCTURES
DATE - SEPTEMBER 3, 2014
REVISED ___
REVISED ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 038-0184
SHEET NO. 4 OF 11 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1324	38BR	IROQUOIS	35	17
		CONTRACT NO. 66A72		
	ILLINOIS	FED. AID PROJECT		