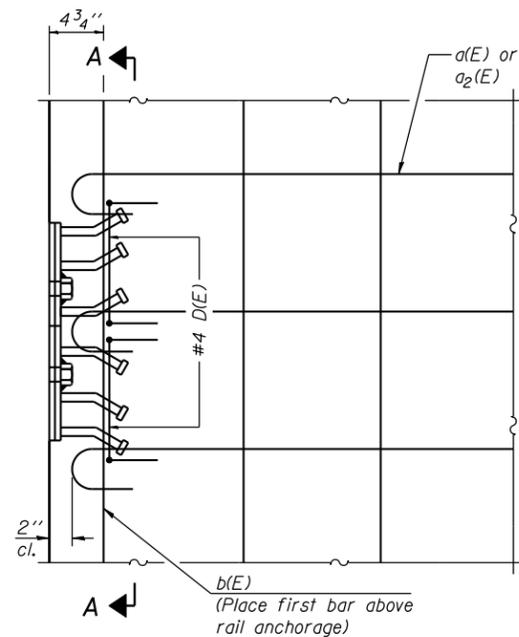


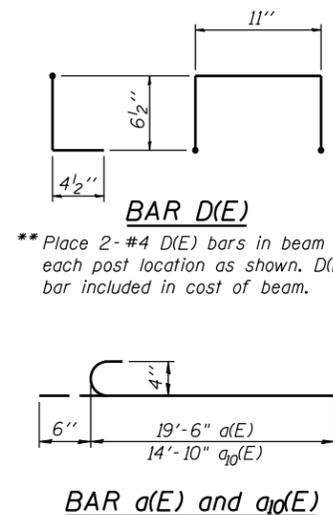
ELEVATION

Notes:
See sheet 9 of 16 for railing details.

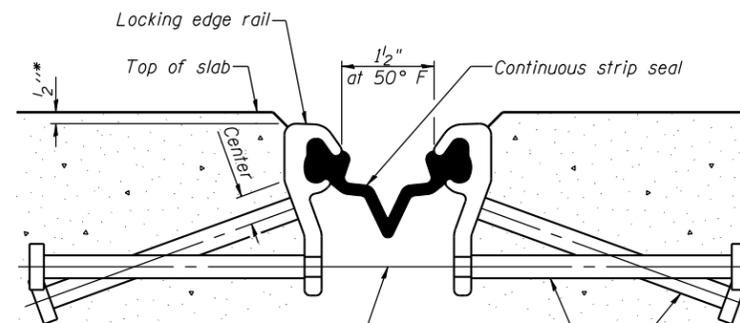


PLAN

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



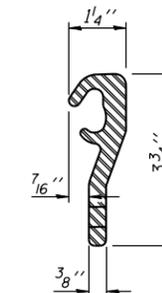
***Omit weld at seal opening.



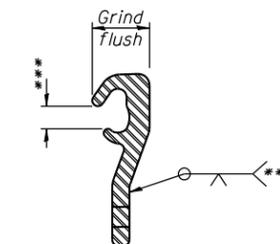
7/16" φ holes at 4'-0" cts. for 3/8" φ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

Place 1/2" φ x 6" granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded at 1'-0" alt. cts.

SECTION THRU STRIP SEAL JOINT FOR OVERLAY OVER DECK BEAMS

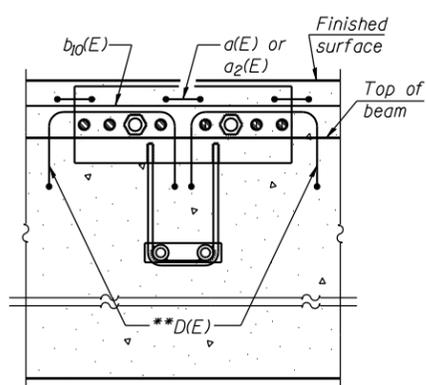


LOCKING EDGE RAIL

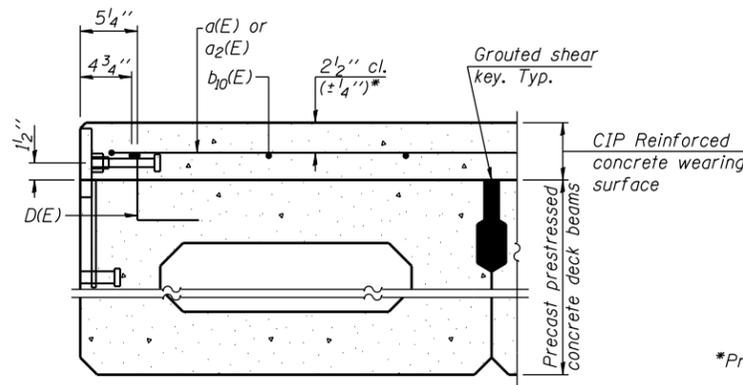


LOCKING EDGE RAIL SPLICE

Notes:
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails.
The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed.
The inside of the Locking Edge Rail groove shall be free of weld residue.
Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.
The manufacturer's recommended installation methods shall be followed.



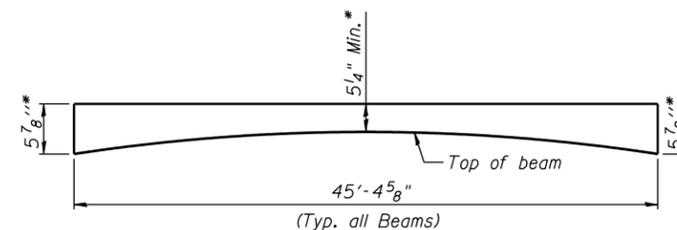
SECTION A-A



SECTION THRU FASCIA BEAM

*Prior to grinding

MINIMUM BAR LAP
#4 bar = 2'-7"



ANTICIPATED CONCRETE WEARING SURFACE PROFILE
(For information only)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	92	#4	20'-0"	C
a ₂ (E)	92	#4	15'-4"	C
b ₁₀ (E)	165	#4	20'-3"	—
Reinforcement Bars, Epoxy Coated		Pound		4,410
Concrete Wearing Surface, 5"		Sq. Yd.		334
Preformed Joint Strip Seal		Foot		71

FILE NAME = H:\0920171-018.dgn

STRAND ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = rjgand
DESIGNED RRD
CHECKED AJS
DRAWN BJF
CHECKED AJS
PLOT SCALE =
PLOT DATE = 2/27/2013

DESIGNED RRD
CHECKED AJS
DRAWN BJF
CHECKED AJS
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS STRUCTURE NO. 092-0171

SHEET NO. 6 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	120BR-1	VERMILION	44	18
CONTRACT NO. 70615				

ILLINOIS FED. AID PROJECT