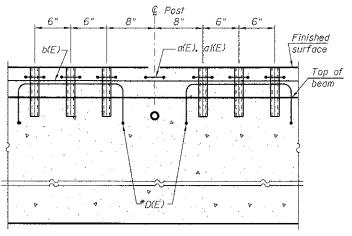


SECTION THRU FASCIA BEAM

a(E) ₁ b(E) -

D(E)-



SECTION A-A

Grouted shear

CIP Reinforced

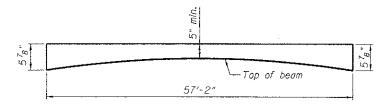
surface

concrete wearing

key. Typ.

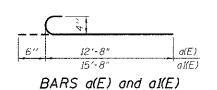
1'-6" 412" BAR D(E)

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



ANTICIPATED CONCRETE WEARING SURFACE PROFILE

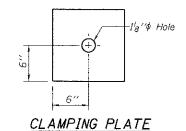
MINIMUM BAR LAP #4 bar = 2'-0"



SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	81	#4	13'-2"	
al(E)	81	#4	16'-2"	<u></u>
b(E)	58	#4	29'-9"	
ļ				
Reinforcement Bars,			Pound	2.740
Epoxy Coated				2,770
Concrete Wearing			Sq. Yd.	185
Surface, 5"			7. 70.	100

Bars indicated thus 29 x 2-#4 etc. indicates 29 line of bars with 2 lengths per line.



SHEAR KEY CLAMPING DETAILS AT STAGE CONST. JT.

Cost included with Precast Prestressed Concrete Deck Beams. See Stage Construction Details for traffic lanes.

** Cast semicircular recesses in the sides of each beam adjacent to the stage construction line. These recesses should align to form a hole at the appropriate locations for the clamping device bolts.

PLAN

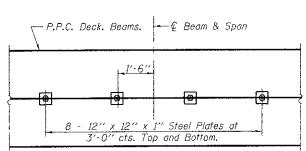
(Typ. wearing surface reinforcement)

Notes:

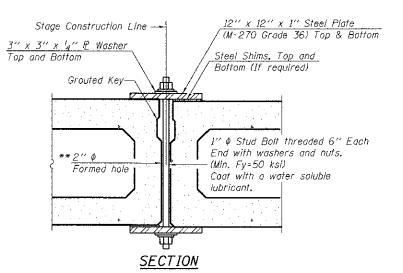
FILE NAME : 0496751-005-Super Details.dgr

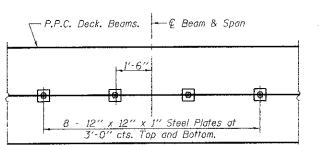
McDonough Associates Inc.

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



PLAN





DESIGNED - JCE REVISED USER NAME = jebrhart CHECKED - GEK REVISED DRAWN REVISED PLOT SCALE = 1:0.0833333 JCE CHECKED - GEK PLOT DATE = 05/14/12 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

COUNTY TOTAL SHEET NO. SECTION SUPERSTRUCTURE DETAILS 09-00010-00-BR LAKE 41 18 STRUCTURE NO. 049-6751 CONTRACT NO. 63716 SHEET NO. 5 OF 16 SHEETS