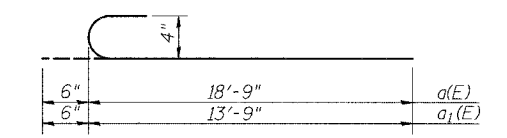


**SUPERSTRUCTURE
BILL OF MATERIAL**

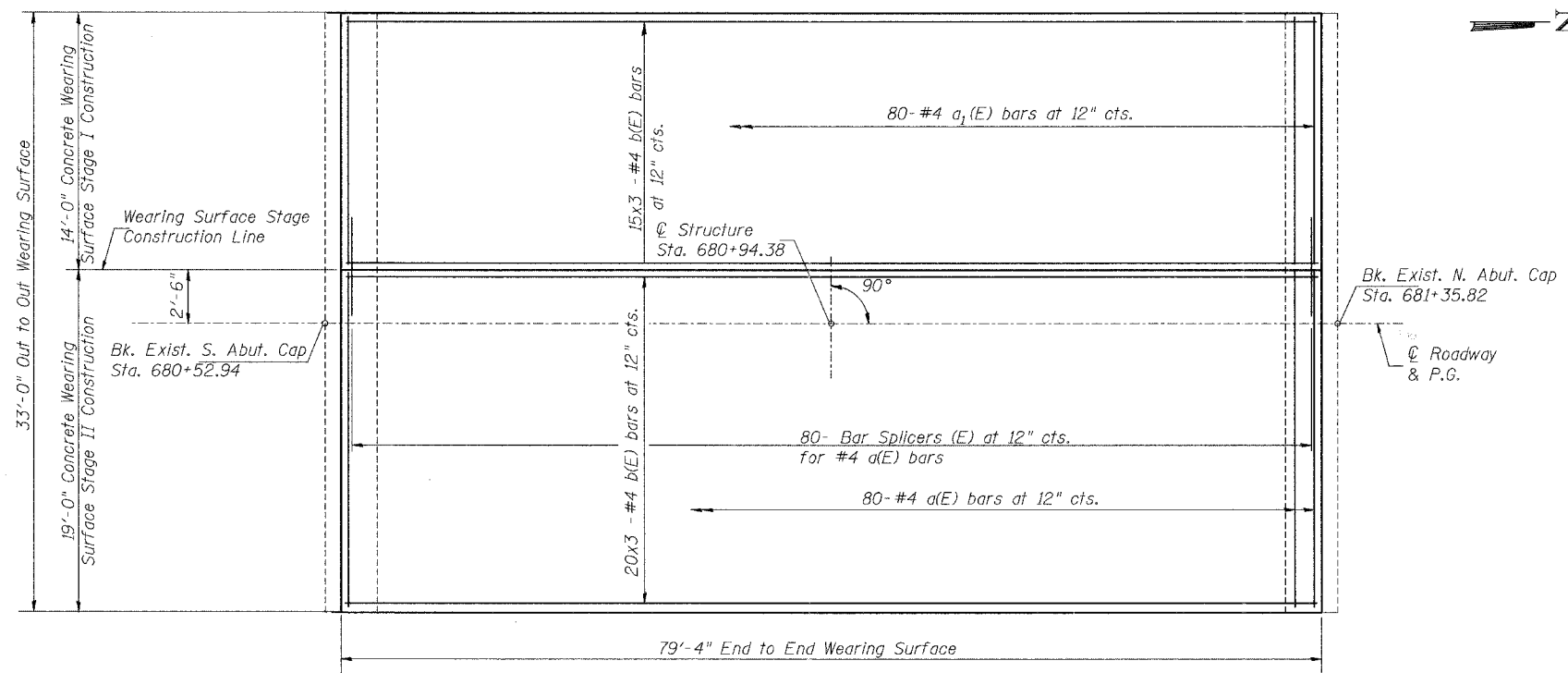
Bar	No.	Size	Length	Shape
a(E)	80	#4	19'-3"	C
a ₁ (E)	80	#4	14'-3"	C
b(E)	105	#4	27'-6"	—
Reinforcement Bars, Epoxy Coated		Lbs.	3,720	
Concrete Wearing Surface, 5"		Sq. Yds.	291	
Bar Splicers		Each	80	

For details of Bar Splicers, see sheet 13 of 13.
Bars indicated thus 1 x 2 - #4 etc. indicates 1 line of bars with 2 lengths per line.

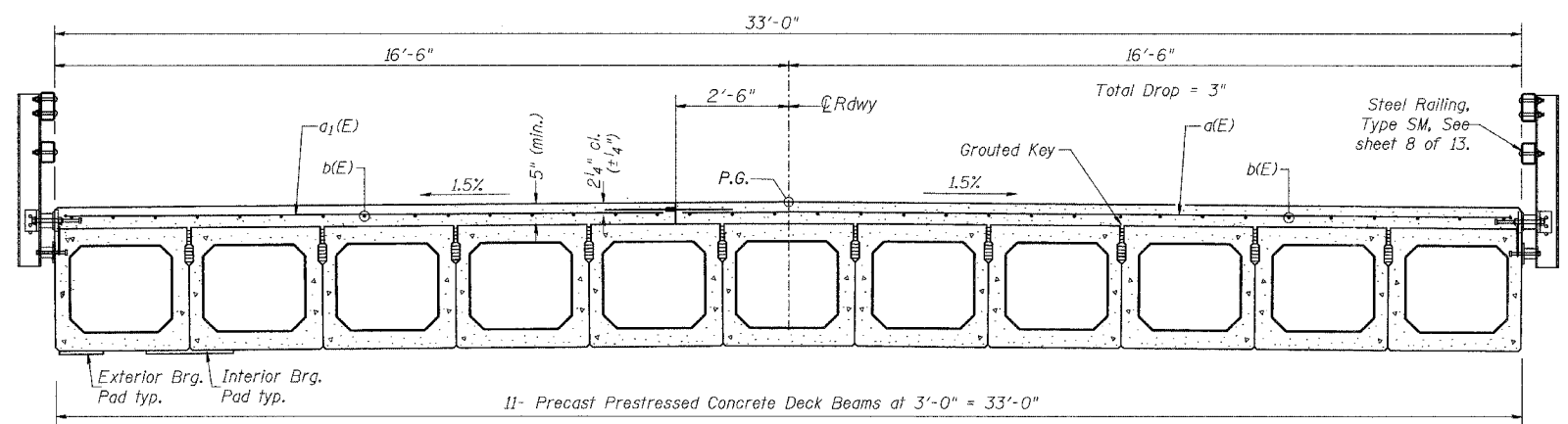
MIN. BAR LAP
#4 Bar = 1'-8"



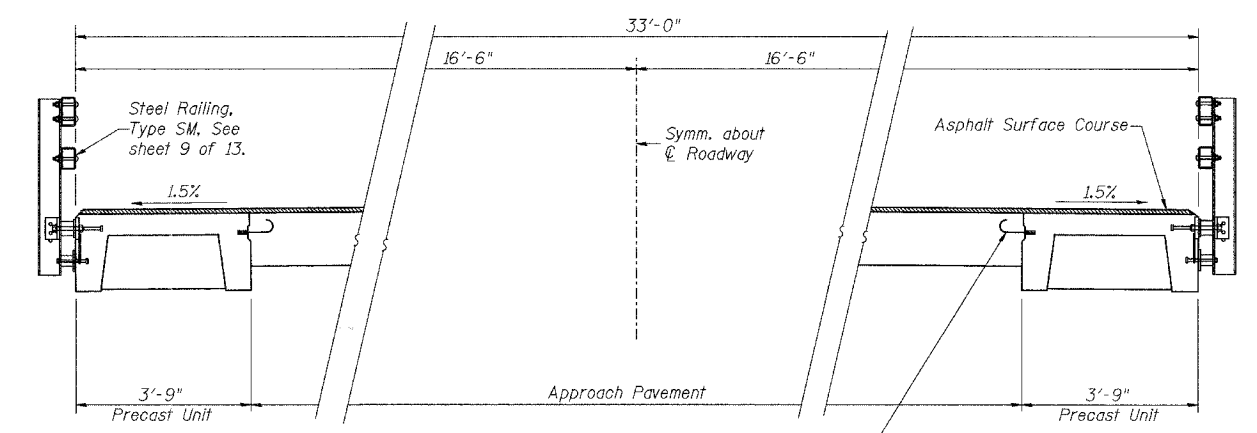
BARS a(E) & a₁(E)



**PLAN
CONCRETE WEARING SURFACE**

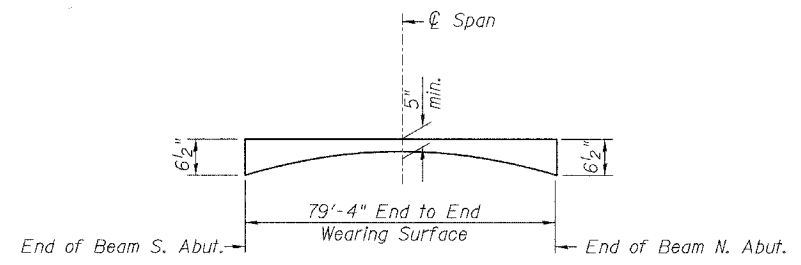


CROSS SECTION (DECK BEAMS)
Looking North

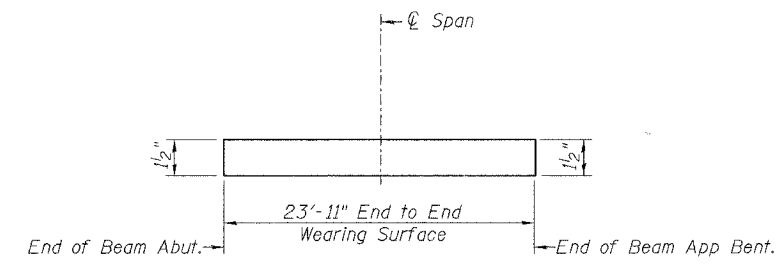


CROSS SECTION (APPROACH UNITS)

Threaded Insert with 12" hooked bolts @ 12" cts. (92 req'd) (Typ.) Cost included with Precast Concrete Bridge Slab.



**REINFORCED CONCRETE WEARING SURFACE PROFILE
PPC DECK BEAMS**



**ASPHALT SURFACE COURSE
PRECAST UNITS**

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC
CHECKED	BAN

**OVERLAY DETAILS
& TYPICAL SECTIONS
F.A.P. 22 (ILL 78) OVER
COAL CREEK
SECTION (125BR-2)D
HENRY COUNTY
STATION 680+94.38
STR. NO. 037-0130**

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS

Rev: _____ Date: _____