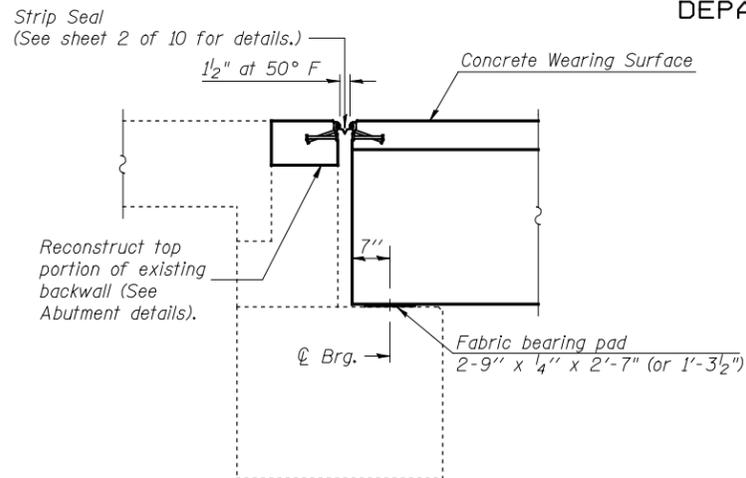


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

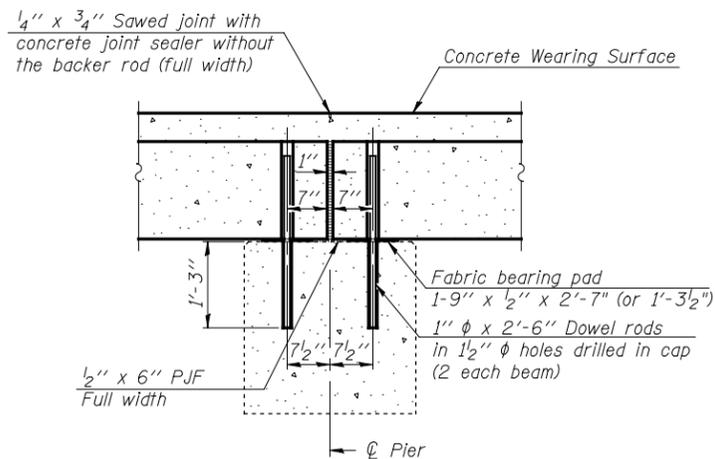
SHEET 4
OF 10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
721	(115BR-1)BR	PIATT	32	15
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO. 70433	



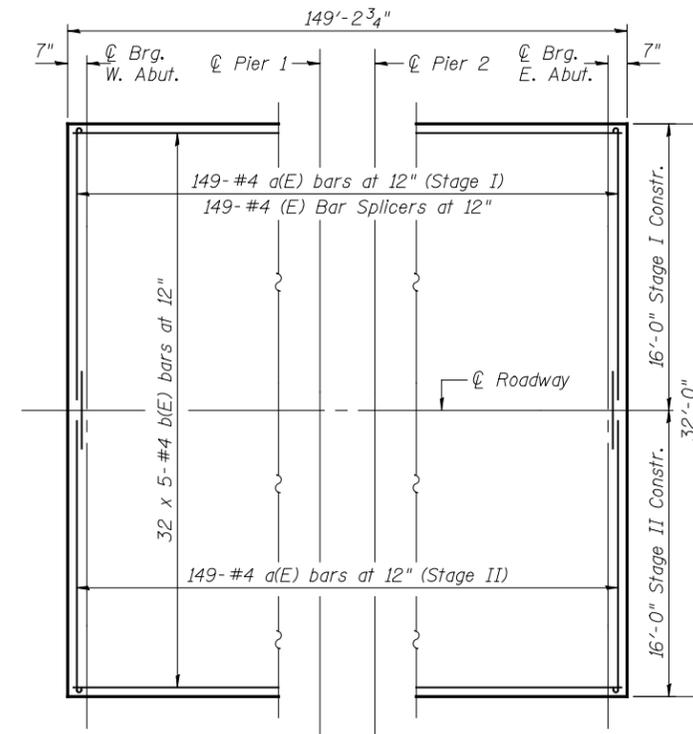
SECTION THRU ABUTMENT

Notes:
All horizontal dimensions are at right angles to beam ends.
See sheet 7 of 10 for bearing pad details.



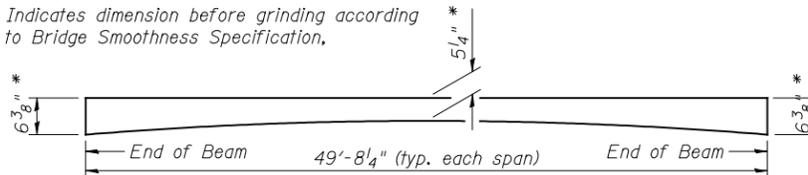
SECTION THRU FIXED PIER

Notes:
1" Jt. shall be filled with non-shrink grout. 1" dimension may vary to accommodate tolerance in beam lengths.



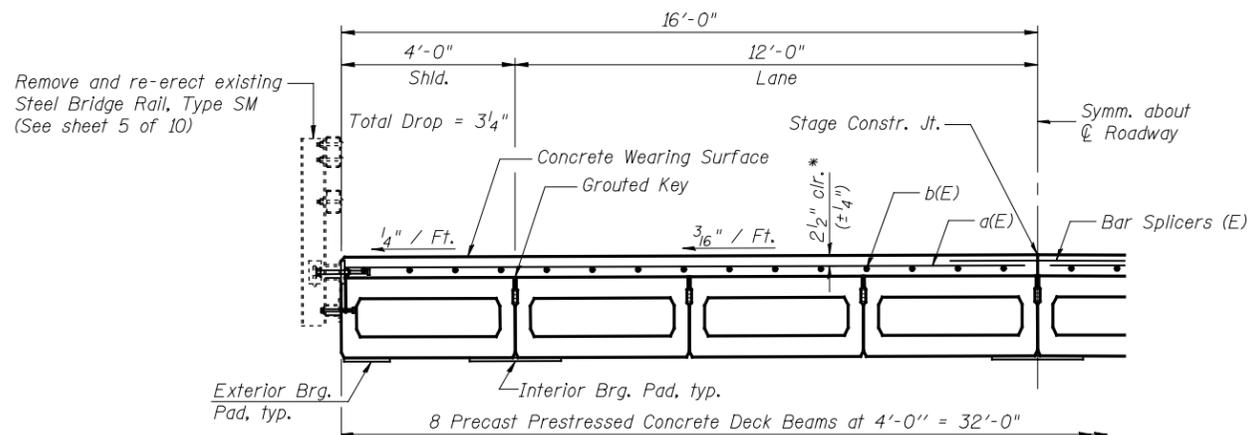
PLAN - CONCRETE WEARING SURFACE

* Indicates dimension before grinding according to Bridge Smoothness Specification.



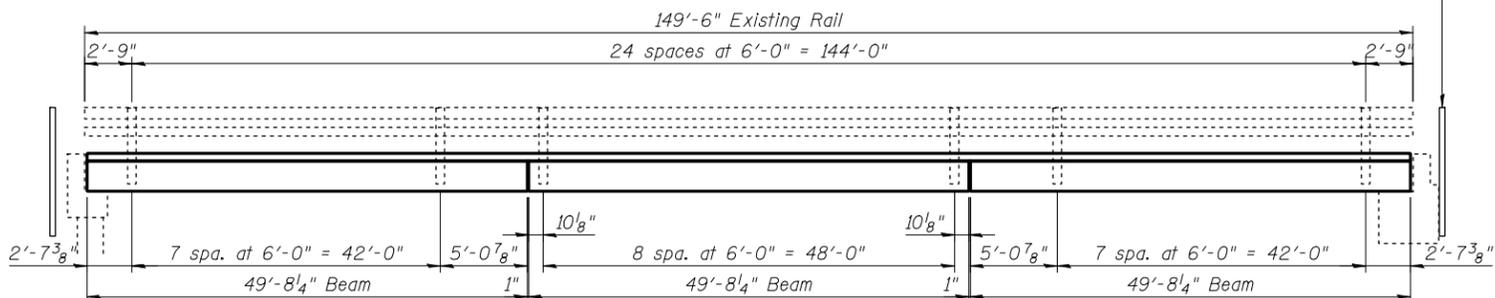
CONCRETE WEARING SURFACE PROFILE

Notes:
The estimated midspan deflection due to weight of the concrete wearing surface is 1/4 inch.



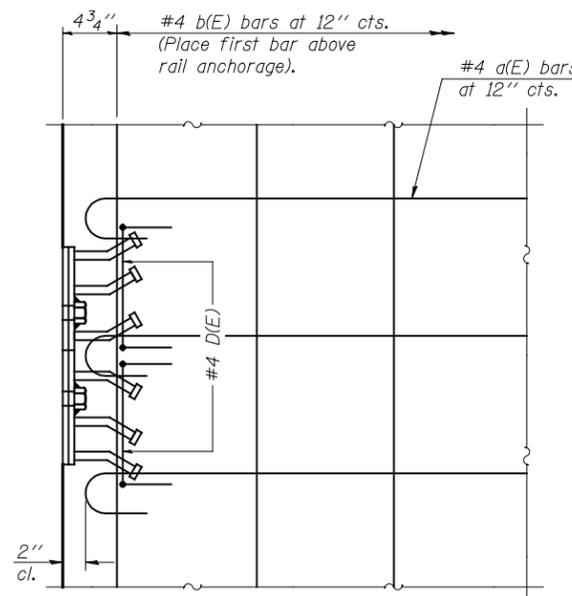
HALF CROSS SECTION

Notes:
First post for Traffic Barrier Terminal Type 6A will clear back of abutment (typ.)



RAIL POST SPACING

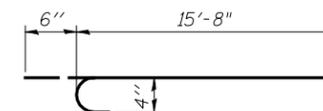
Notes:
The 6'-0" existing rail post spacing shown is based on field measurements, rounded within a tolerance of about 1/2". The Contractor shall verify the existing post spacing prior to preparing the shop drawings for the beams.



PLAN AT RAIL POST ANCHOR

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

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



BAR a(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	298	#4	16'-2"	┌───┐
b(E)	160	#4	30'-11"	───┐
Reinforcement Bars, Epoxy Coated			Pound	6530
Concrete Wearing Surface, 5"			Sq. Yd.	531
Preformed Joint Strip Seal			Foot	64

Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

SUPERSTRUCTURE DETAILS

ILLINOIS 10 OVER
MADDEN CREEK
FAP ROUTE 721 SECTION (115BR-1)BR
PIATT COUNTY
STATION 1210+89.58
STRUCTURE NO. 074-0005

JD Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED: JDQ DRAWN: SJS
CHECKED: DCD CHECKED: DCD