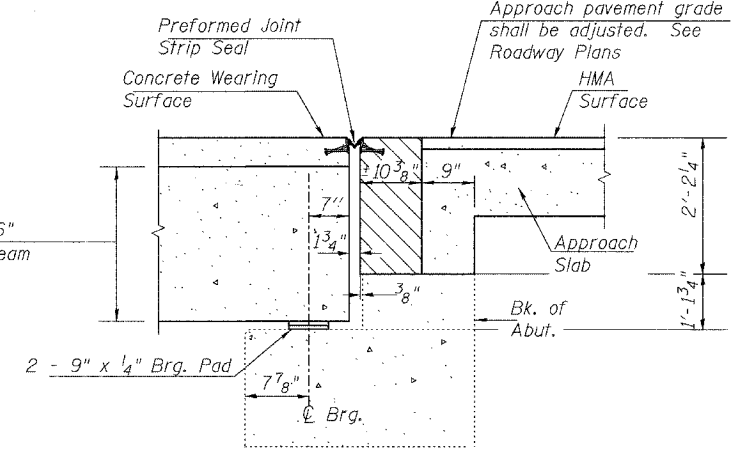
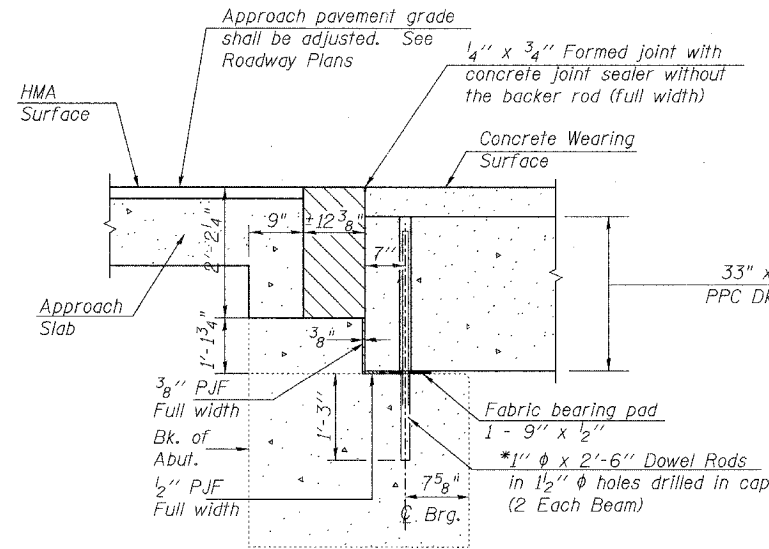


SECTION THRU NORTH ABUTMENT
@ App. Beam

SECTION THRU SOUTH ABUTMENT
@ App. Beam



SECTION THRU NORTH ABUTMENT
@ Rdwy

SECTION THRU SOUTH ABUTMENT
@ Rdwy

BILL OF MATERIAL

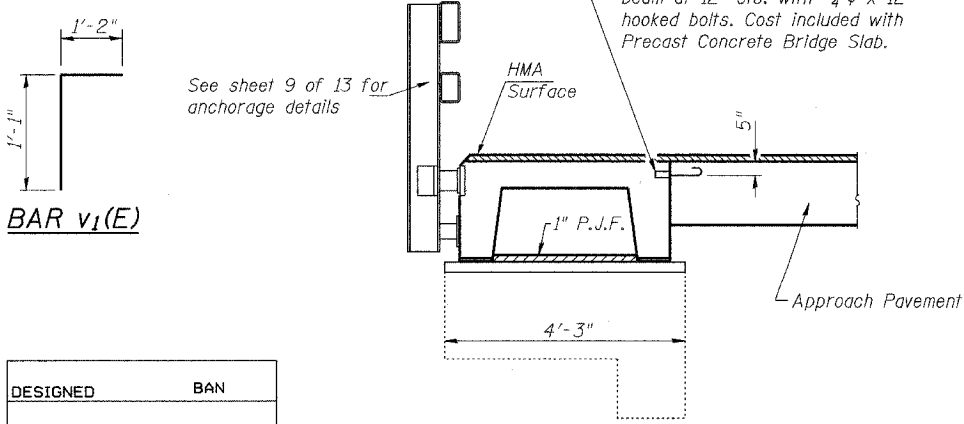
Bar	No.	Size	Length	Shape
h3(E)	8	#6	4'-0"	—
v1(E)	40	#4	2'-3"	Γ
Concrete Removal			Cu. Yd.	0.2
Concrete Structures			Cu. Yd.	0.4
Reinforcement Bars, Epoxy Coated			Pound	110

Bill of Material contains only Approach Bents.

SUPERSTRUCTURE & APPROACH BENT DETAILS
F.A.P. 22 (ILL 78) OVER
COAL CREEK
SECTION 125BR-21D
HENRY COUNTY
STATION 680+94.38
STR. NO. 037-0130

HUTCHISON ENGINEERING, INC.
 JACKSONVILLE, ILLINOIS
 Rev: _____ Date: _____

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



TYPICAL APPROACH SECTION NEAR BENT

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC
CHECKED	BAN

* Existing Dowel Rods shall be burned off flush with the top of existing concrete, ground smooth, and sealed with epoxy. Cost to be included in the cost of Removal of Existing Superstructures.

Notes:
 After beams have been erected, holes shall be drilled into substructure and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure min. 24 hrs. prior to grouting the shear keys.
 All horizontal dimensions are at right angles to beam ends.
 Hatched area to be poured after concrete wearing surface is in place.
 See sheet 4 and 5 of 13 for bearing pad details.