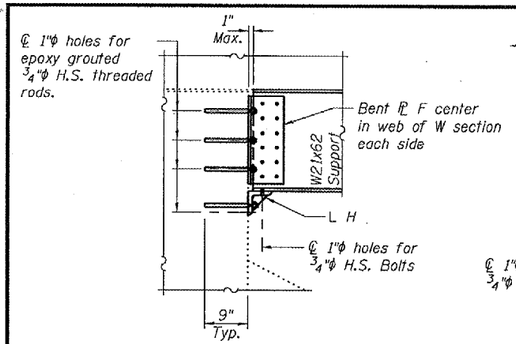
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 885		POPE	21	10
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

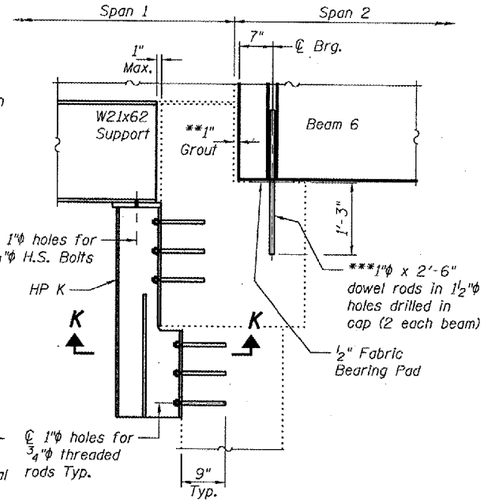
SHEET NO. 3
4 SHEETS

Contract Number: 78018

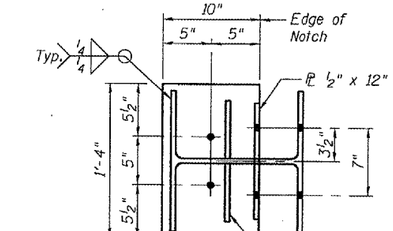
*Dimensions may vary to suit existing conditions. Field verify prior to fabrication.
**1" Joint shall be filled with non-shrink grout. Dimension may vary to accommodate tolerance in beam lengths.
***Existing dowel rods are to be burned off, ground flush, and sealed with epoxy prior to placement of new beams. Cost included in Removal of Existing PPC Deck Beams. After beams have been erected holes shall be drilled into cap and dowel rods placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure a minimum of 24 hours prior to grouting the shear keys.



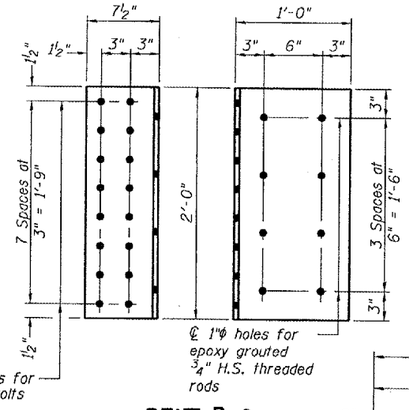
SECTION F-F
NORTH ABUTMENT



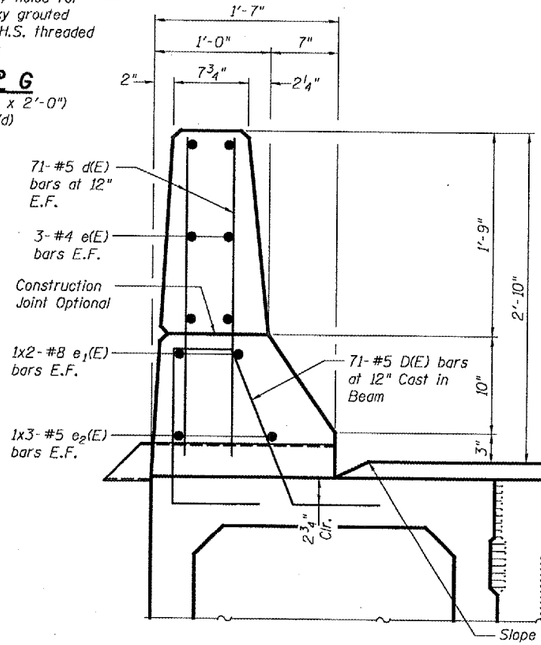
SECTION G-G
PIER 1



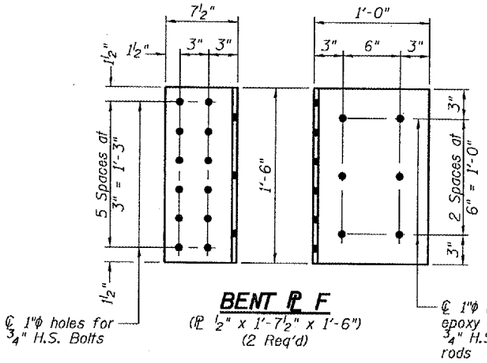
SECTION K-K



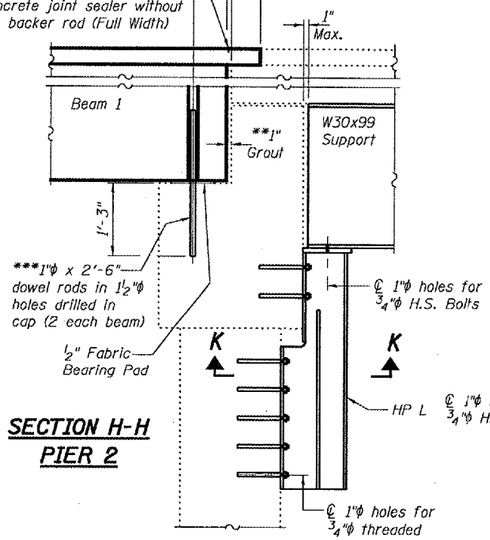
BENT ℄ G
(℄ ½" x 1'-7½" x 2'-0")
(12 Req'd)



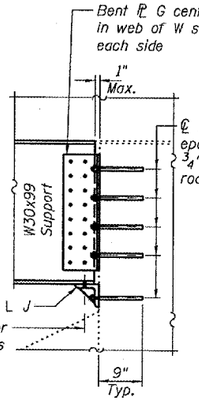
TYPICAL PARAPET SECTION



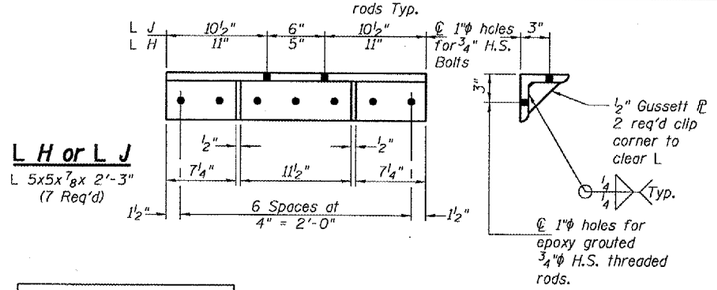
BENT ℄ F
(℄ ½" x 1'-7½" x 1'-6")
(2 Req'd)



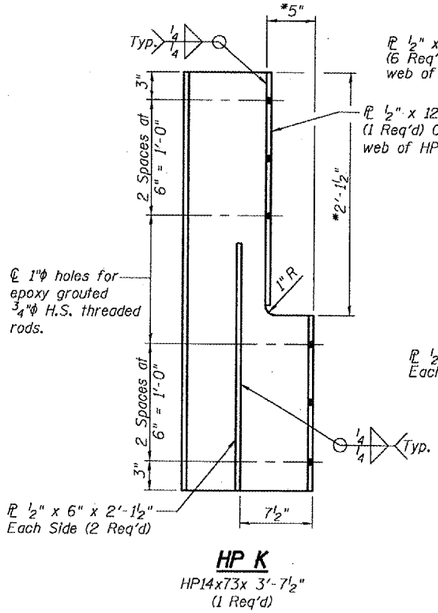
SECTION H-H
PIER 2



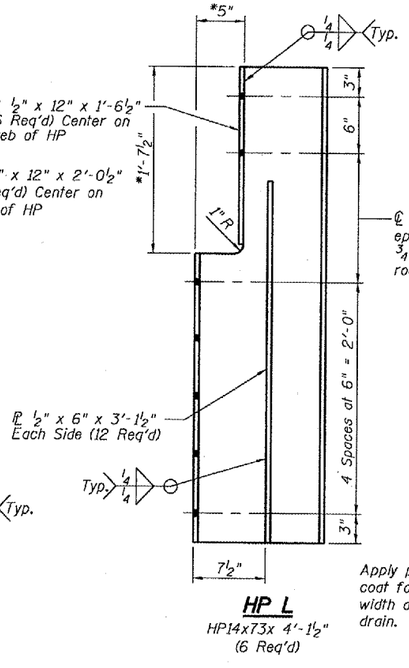
SECTION J-J
NORTH ABUTMENT



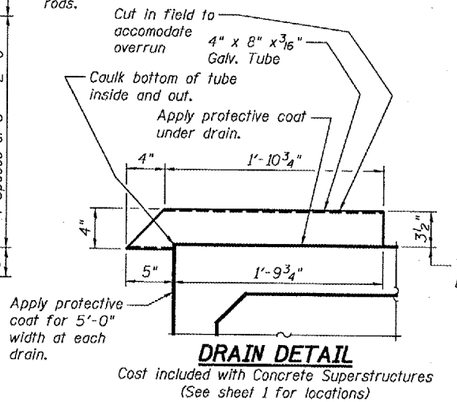
L H or L J
L 5x5x⅞x 2'-3"
(7 Req'd)



HP K
HP14x73x 3'-7½"
(1 Req'd)



HP L
HP14x73x 4'-1½"
(6 Req'd)



DRAIN DETAIL
Cost included with Concrete Superstructures
(See sheet 1 for locations)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	142	#5	2'-8"	——
e(E)	24	#4	17'-2"	——
e1(E)	4	#8	36'-9"	——
e2(E)	6	#5	24'-4"	——
Concrete Removal			Cu. Yd.	8.2
Concrete Superstructure			Cu. Yd.	8.2
Reinforcement Bars, Epoxy Coated			Lbs.	1,210

Bars indicated thus 1 x 2-#5 etc. indicates 1 line of bars with 2 lengths per line.

DESIGNED	A.T.H.
CHECKED	V.H.V.
DRAWN	Drew Christopher
CHECKED	A.T.H. V.H.V.

November 14, 2007
EXAMINED — ENGINEER OF STRUCTURAL SERVICES
PASSED — ENGINEER OF BRIDGES AND STRUCTURES

SECTIONS AND DETAILS
FA 885 OVER SIMMONS CREEK
POPE COUNTY
SN 076-0023

SLT-99-001-07

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