1104BRM

ROUTE NO.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
20	*	JO DAVIESS	13	9
FED.ROAD DIST. NO.		ILLINOIS	FED.AID PROJECT	

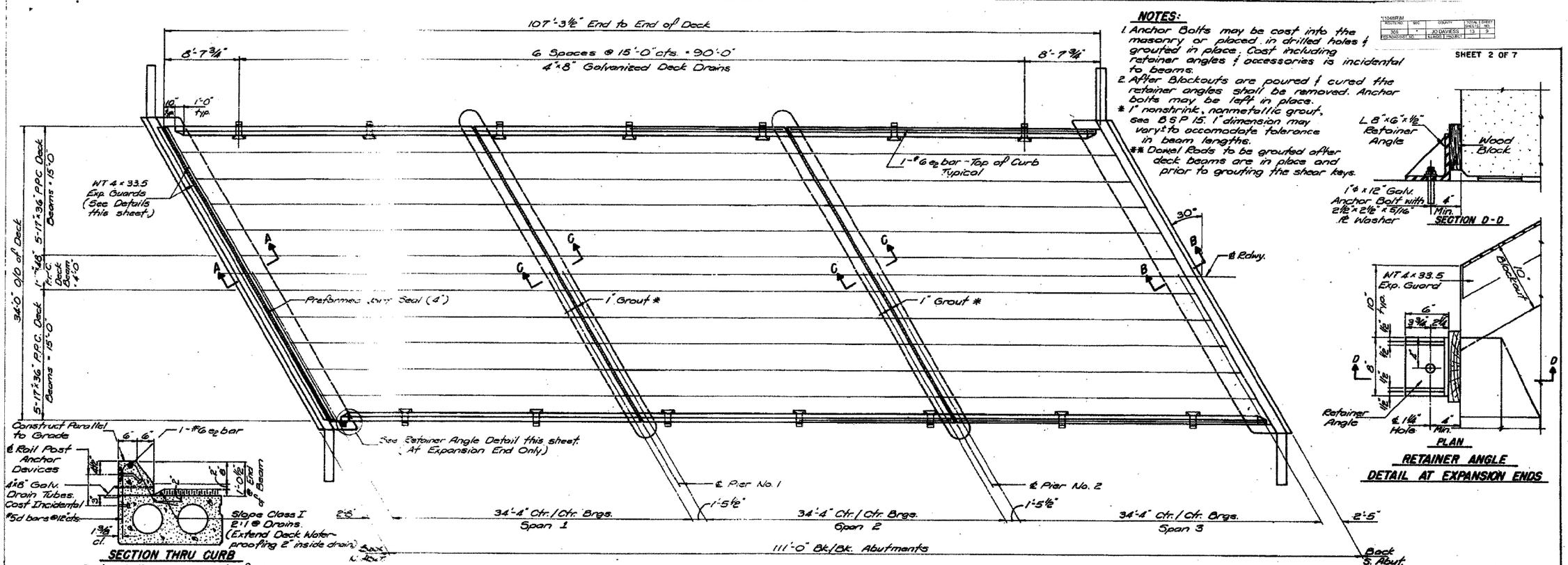
SHEET 2 OF 7

NOTES:

1. Anchor Bolts may be cast into the masonry or placed in drilled holes & grouted in place. Cost including retainer angles & accessories is incidental to beams.
2. After Blockouts are poured & cured the retainer angles shall be removed. Anchor bolts may be left in place.

* 1" nonshrink, nonmetallic grout, see BSP 15. 1" dimension may vary± to accomodate tolerance in beam lengths.

** Dowel Rods to be grouted after deck beams are in place and prior to grouting the shear keys.



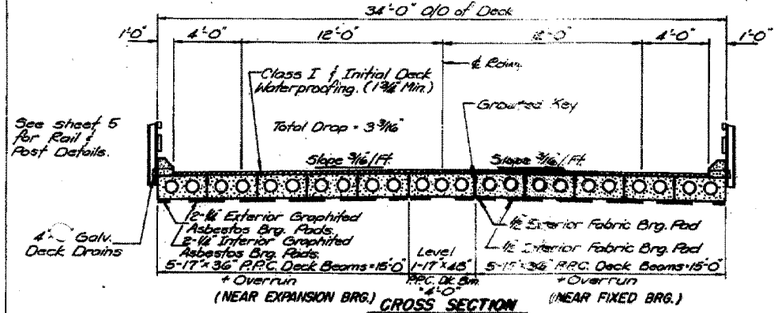
SECTION THRU CURB

Curbs shall be poured in the field.

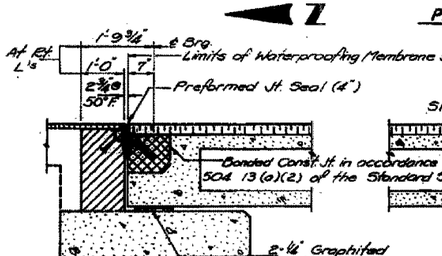
SECTION D-D

PLAN

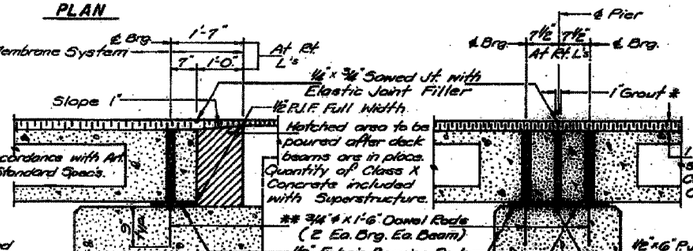
RETAINER ANGLE DETAIL AT EXPANSION ENDS



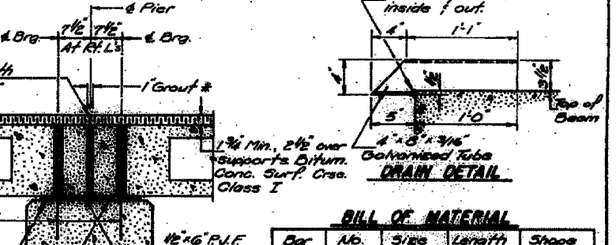
CROSS SECTION



SECTION A-A



SECTION B-B



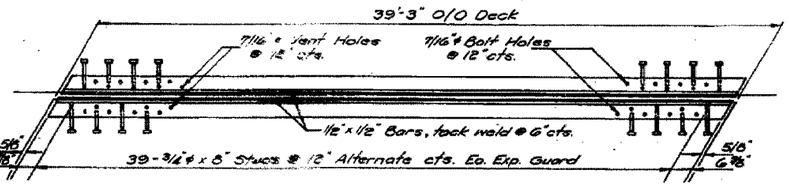
SECTION C-C

DRAIN DETAIL

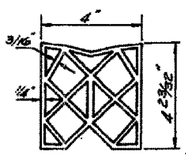
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
#2	12	#6	18'-6"	——
P	6	#5	20'-4"	——
17"x36" PPC. Dk. Beams			Sq. Ft.	3210
17"x45" PPC. Dk. Beams			Sq. Ft.	268
Reinforcement Bars			Lbs.	770
Class X Concrete			Cu. Yds.	13.2
Preformed Jt. Seal (4")			Lin. Ft.	40

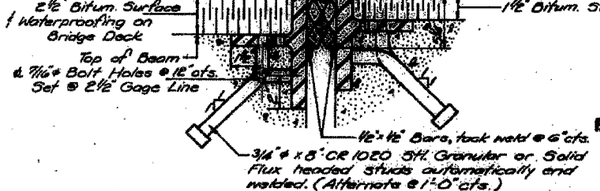
DESIGNED:	V. S. N.
CHECKED:	D. H. C.
DRAWN:	R. A. W.
CHECKED:	K. L. F.



EXPANSION GUARD DETAIL



PREFORMED JOINT SEAL (4")



EXPANSION JT. DETAIL AT NORTH ABUTMENT

SUPERSTRUCTURE DECK

F.A. 18 OVER TRIBUTARY TO APPLE RIVER

SECTION 104-BR

JO DAVIESS COUNTY

STATION 125+71.00

H. W. B. S. NO. 1991 / 0069