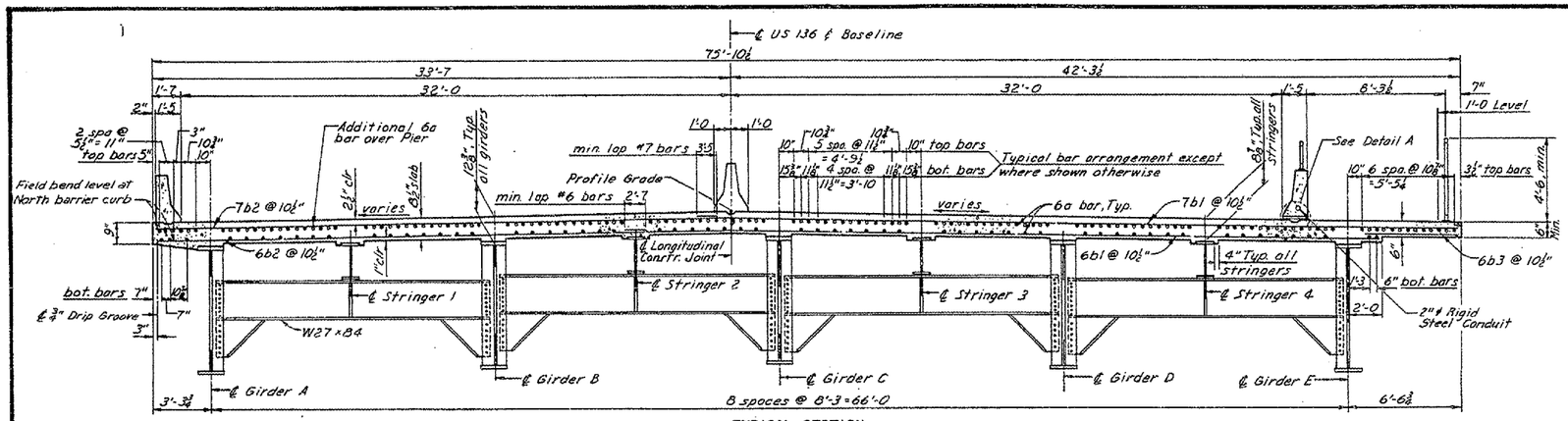
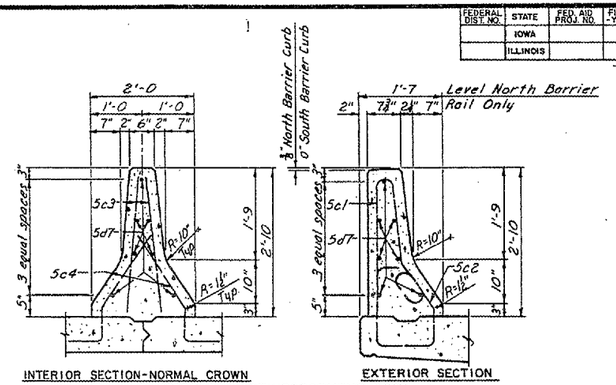
FEDERAL DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	IOWA			14	40
	ILLINOIS				



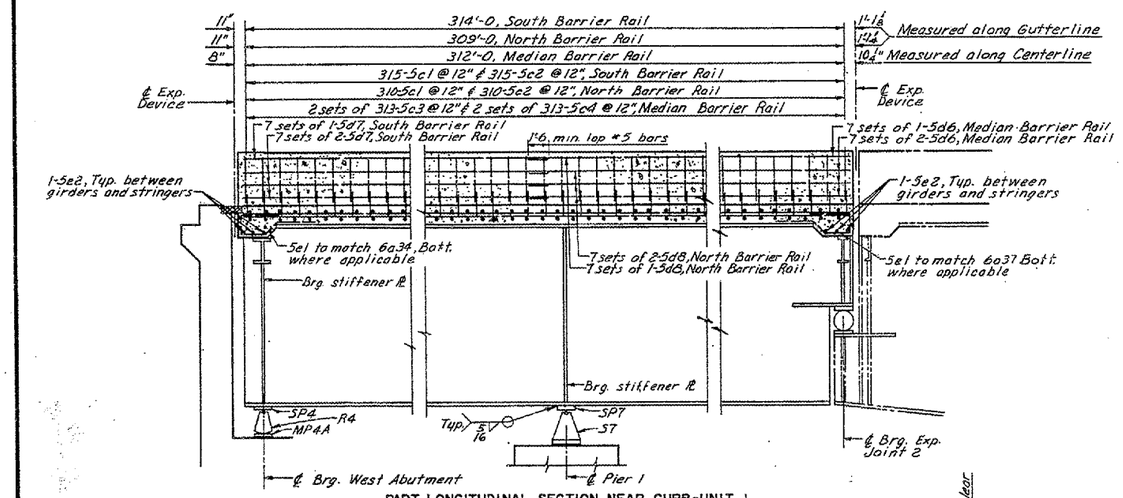
TYPICAL SECTION
(Normal Crown Shown)



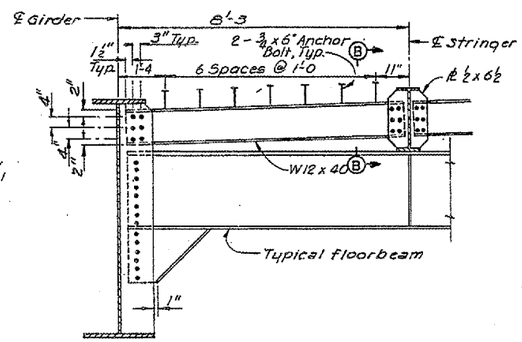
INTERIOR SECTION-NORMAL CROWN

EXTERIOR SECTION

BARRIER RAIL REINFORCEMENT DETAILS

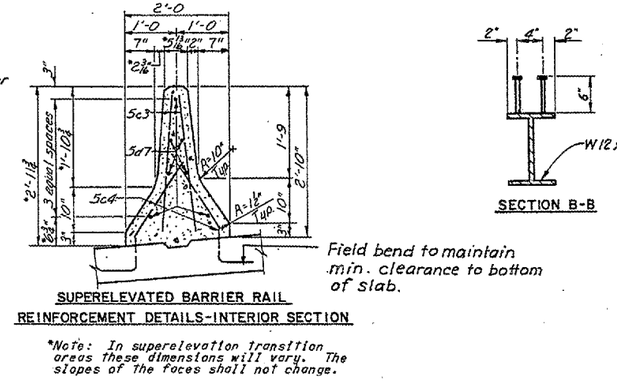


PART LONGITUDINAL SECTION NEAR CURB-UNIT I



END DIAPHRAGM AT WEST ABUTMENT
(East Abutment similar)

For floorbeam details see Sheet 63.



SUPERELEVATED BARRIER RAIL
REINFORCEMENT DETAILS-INTERIOR SECTION

*Note: In superelevation transition areas these dimensions will vary. The slopes of the faces shall not change.

SECTION B-B

MEDIAN CURB CONCRETE QUANTITIES		
CONCRETE	313.2 ft X .1055 Cu.Yd/ft	33.0 Cu.Yd.

TYPICAL ROCKER SETTINGS UNIT I					
	WEST ABUTMENT		PIER I	EXPANSION JOINT	
Temperature at Time of Setting					
90° F	1 5/8"	+3/16"	0"	+1 1/8"	7 3/16"
50° F	2 1/8"	0"	0"	0"	9 1/4"
10° F	3 1/16"	-3/16"	0"	-1 1/8"	11 5/16"

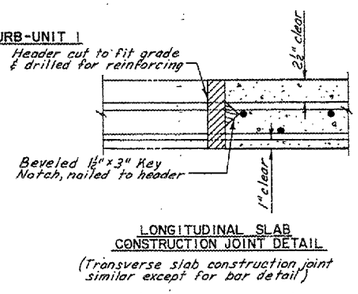
NOTES:

Rockers are to be set vertically at 50° F.

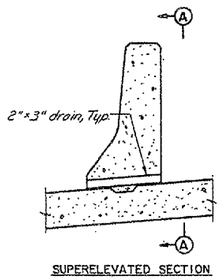
For temperatures above 50° F set masonry plate toward fixed shoe (+).

For temperatures below 50° F set masonry plate away from fixed shoe (-).

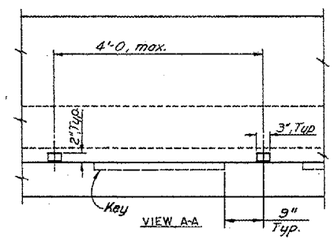
Settings for other temperatures are proportional to those shown for a 40° temperature change.



LONGITUDINAL SLAB CONSTRUCTION JOINT DETAIL
(Transverse slab construction joint similar except for bar detail)



SUPERELEVATED SECTION



DETAIL A
(Sta. 64+50.00 thru Sta. 73+50.00)

MISSISSIPPI RIVER BRIDGE
KEOKUK, IOWA - HAMILTON, ILLINOIS

STEEL ALTERNATE
DESIGN FOR 0° SKEW
3340' × 64' CONTINUOUS WELDED PLATE GIRDER BRIDGE

SLAB DETAILS-UNIT I

STA. 80+30.00
RIVER MILE 363.9
LEE COUNTY, IOWA

PROJECT NO. BRF-19-1(3)--38--56
HANCOCK COUNTY, ILLINOIS

DESIGN SHEET 65 OF

DESIGN NO. 282 LEE COUNTY FILE 26723 SHEET 71 OF 227

HOWARD NEEDLES TAMMEN & BERGENDOFF HNTB

MADE JMH DATE 5-82 CHECKED DLM DATE 7-82

6767-25-00

FOR INFORMATION ONLY