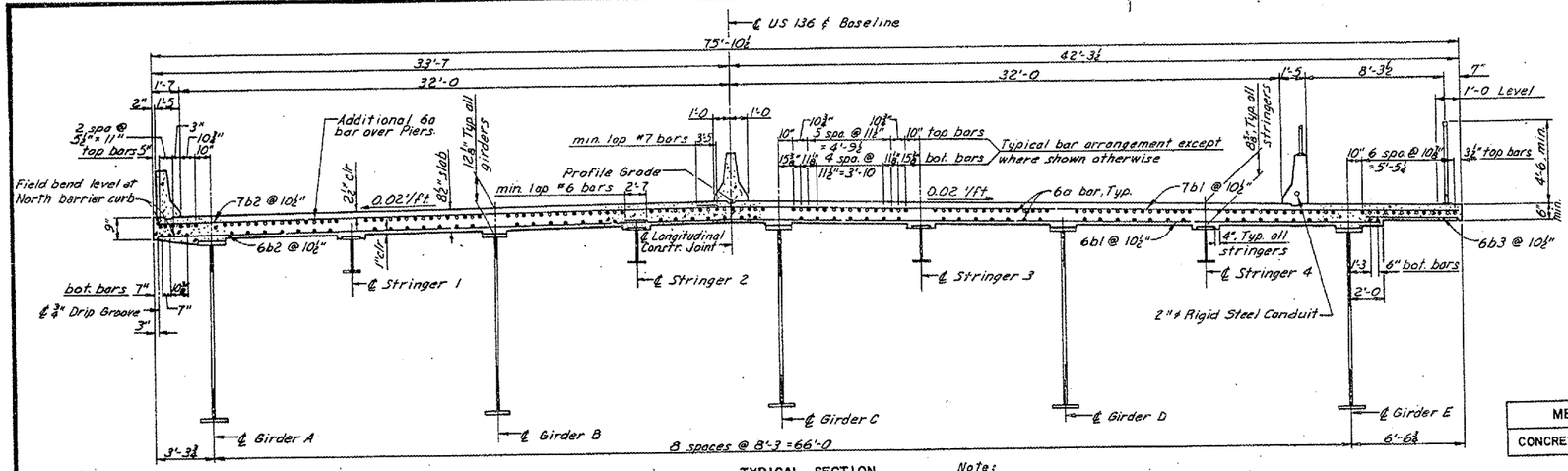
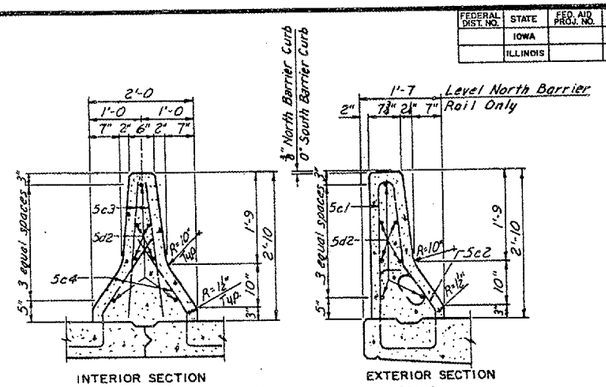
FEDERAL DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	IOWA			31	40
	ILLINOIS				



TYPICAL SECTION

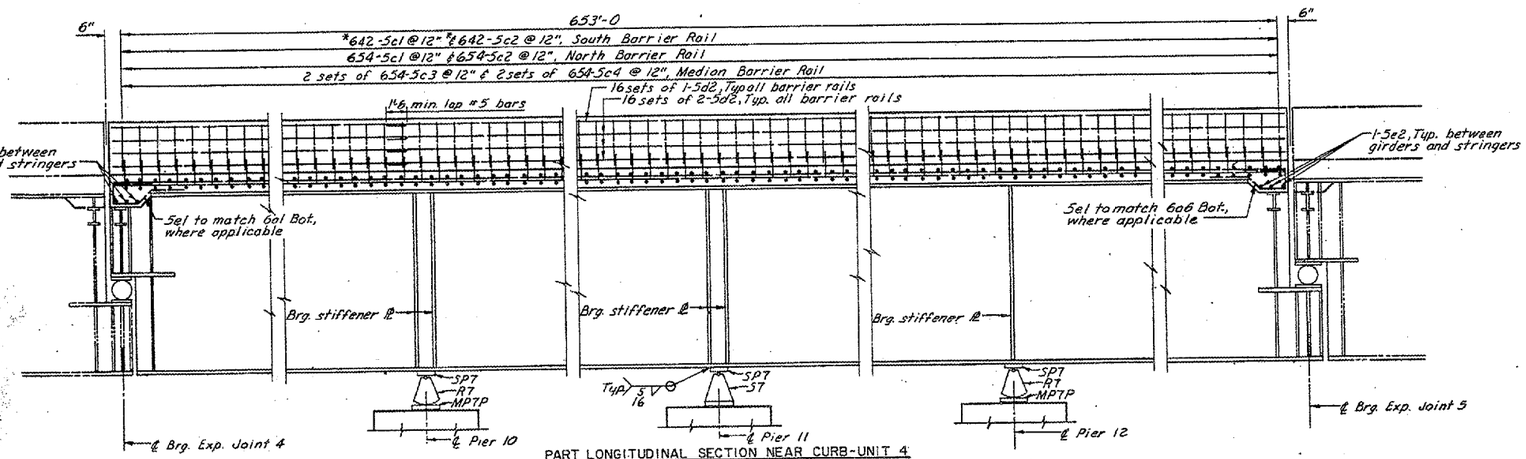
Note:
Diaphragms are not shown in typical section. For details see Sheet 75



INTERIOR SECTION EXTERIOR SECTION

BARRIER RAIL REINFORCEMENT DETAILS

MEDIAN CURB CONCRETE QUANTITIES		
CONCRETE	653.5 ft X .1055 Cu.Yd/ft*	68.9 Cu.Yd.



PART LONGITUDINAL SECTION NEAR CURB-UNIT 4

*12-5c1 and 12-5c2 have been deleted at the light blisters. For details see Sheet 105

TYPICAL ROCKER SETTINGS UNIT 4							
	EXPANSION JOINT	PIER 10	PIER 11	PIER 12	EXPANSION JOINT		
Temperature at Time of Setting							
90° F	6⅝"	+1"	+⅛"	0"	+⅛"	+1"	6⅝"
50° F	9"	0"		0"	0"	0"	9"
10° F	11⅜"	-1"	-⅛"	0"	-⅛"	-1"	11⅜"

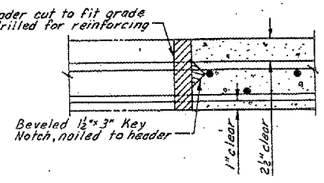
NOTES:

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)

HOWARD NEEDLES TAMMEN & BERGENDOFF HNTB

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

6767-25-00

MISSISSIPPI RIVER BRIDGE
KEOKUK, IOWA - HAMILTON, ILLINOIS

STEEL ALTERNATE

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

SLAB DETAILS-UNIT 4

STA. 90+40.09
RIVER MILE 363.9
LEE COUNTY, IOWA

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

DESIGN SHEET 82 OF

DESIGN NO. 282 LEE COUNTY FILE 28722 SHEET 88 OF 227

FOR INFORMATION ONLY