



ESTIMATED QUANTITIES		
ITEM	UNIT	QUANTITY
Structural Concrete (Class D)	Cu. Yds.	1343.4
Reinforcing Steel - Non Epoxy Coated	Lbs.	153,300
Reinforcing Steel - Epoxy Coated*	Lbs.	254,542
Structural Steel - A36	Lbs.	1,489,366
Structural Steel - A572	Lbs.	466,571
Structural Steel - A588	Lbs.	524,226
N. and S. Barrier Rail	Lin. Ft.	1307.0
Median Barrier Rail	Lin. Ft.	654.0

*Includes 376 lbs. of reinforcing steel in the light blisters.

- Notes:**
- Intermediate stiffeners shall be spaced equally between intermediate floorbeams unless otherwise shown.
 - The circle near the girder field splices with a number within represents the type of splice.
 - For girder field splice details see Sheet 83
 - For Stringer Splice Details, see Sheet 66
 - For intermediate and floorbeam stiffener details see Sheet 89
 - For girder end details see Sheet 88
 - For floorbeam details see Sheet 75.

FOR INFORMATION ONLY

MISSISSIPPI RIVER BRIDGE
KEOKUK, IOWA - HAMILTON, ILLINOIS

STEEL ALTERNATE
DESIGN FOR 0° SKEW
3340' x 64' CONTINUOUS WELDED
PLATE GIRDER BRIDGE
FRAMING PLAN-UNIT 4

STA. 50+40.00
RIVER MILE 385.0
LEE COUNTY, IOWA

PROJECT NO. BRP-19-1(3)-38-58
HANCOCK COUNTY, ILLINOIS

Revised (12-8-83) Bearing stiffener details
@ Exp Jt 4 & 5 corrected as marked by Δ.

HOWARD NEEDLES TAMMEN & BERGENDOFF **HNTB**
MADE JEL DATE 5-82 CHECKED LCY DATE 7-82