



FLOORBEAM UNITS 3,4&5
(Type 1 & 2)

ESTIMATED QUANTITIES		
ITEM	UNIT	QUANTITY
Structural Concrete (Class D)	Cu. Yds.	1343.2
Reinforcing Steel - Non Epoxy Coated	Lbs.	153,300
Reinforcing Steel - Epoxy Coated*	Lbs.	254,516
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 344 lbs. of reinforcing steel in 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
- All re-entrant cuts shall have a 3/4" min. radius.
- For intermediate and bearing stiffener details see Sheet 89.

MISSISSIPPI RIVER BRIDGE
KEOKUK, IOWA - HAMILTON, ILLINOIS

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

FRAMING PLAN-UNIT 3

STA. 80+40.00
RIVER MILE 363.0
LEE COUNTY, IOWA

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

DESIGN SHEET 75 OF

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