

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

0115

NOTE: Bars indicated thus 20 x 3-5 etc, designate 20 lines of bars with 3 lengths per line. Min. bar lap = 24 dia.

SHEET NO. 7
15 SHEETS

PLAN

CROSS SECTION
Looking West

NEAR PIER NEAR MIDSPAN

CURB SECTION
See sheet 10

BILL OF MATERIAL

Bar No.	Size	Length	Shops
B1	3/8"	28'-6"	
B2	3/8"	41'-0"	
B3	1/2"	49'-9"	
B4	3/4"	33'-0"	
B5	3/8"	38'-6"	
B6	3/8"	34'-6"	
B7	1/2"	25'-9"	
B8	3/8"	15'-6"	
B9	1/2"	24'-3"	
B10	3/8"	15'-3"	
B11	1/2"	28'-2"	
B12	3/8"	24'-9"	
B13	3/8"	15'-2"	
B14	1/2"	29'-3"	
C1	5/8"	2'-7"	
D1	5/8"	3'-5"	

Reinforcement Bars - Lbs 6,360
Structural Steel - Lbs 24,100
Class X Concrete Cuft's 245.5
Stud Shear Connectors: Esch 8,320

*Weight of bearing assemblies with lead plates and anchor bolts are included as structural steel. Estimated weight = 4,690 lbs.

The lengths and quantities of longitudinal reinforcement and class X concrete in parapets are not included in the above quantities. See sheet 10

MAIN SPANS
SUPERSTRUCTURE DETAILS
F.A.I. RT. 55 SEC. 81-4-3112-1
SANGAMON COUNTY
STATION 304+01.58 (F.A.I. RT. 55)

EXISTING PLANS, SN 084-0115
FAI 55 (I-55)
D-6 REHAB BDGE PAINTING 2009
SANGAMON COUNTY

FOR INFORMATION ONLY