

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

ROUTE FAP 318(IL 6)
SECTION (72-6HB-3)P
PROJECT N/A
TYPE of IMPROVEMENT BRIDGE PAINTING
PEORIA COUNTY

C-94-073-11

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	(72-6HB-3)P	PEORIA	9	1
		ILLINOIS	CONTRACT NO. 68A51	

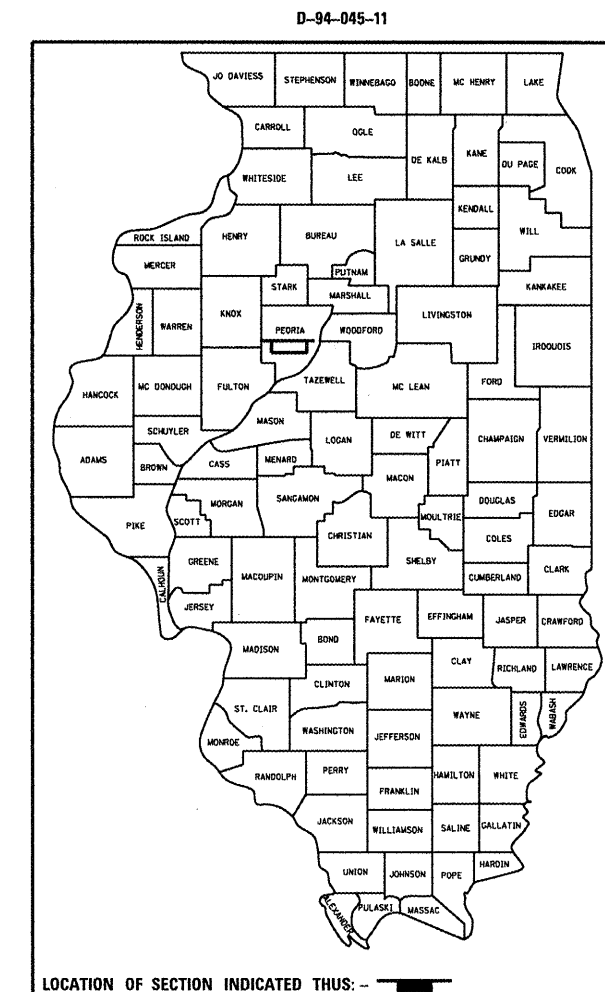
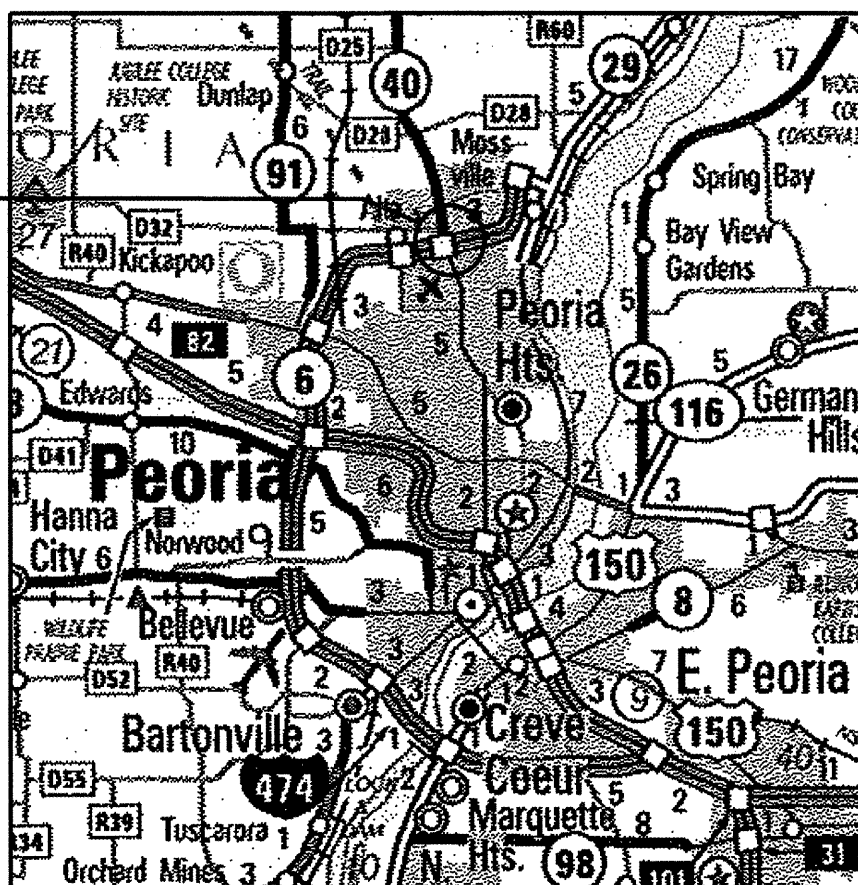
FOR INDEX OF SHEETS, SEE SHEET NO. 1

- 1 COVER SHEET
- 2 COMMITMENTS & GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-9 PLAN SHEETS

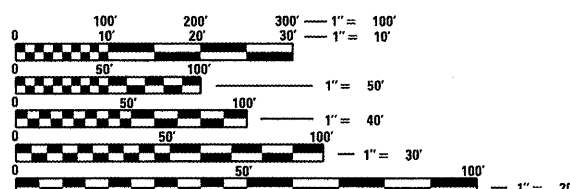
TRAFFIC STANDARDS

- 701101-02
- 701106-02
- 701400-05
- 701402-08
- 701411-07
- 701901-01

Structure No.
072-0147



ADT, 19,800
TRUCKS 2350



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER TOM INGLIS (309)671-3481
PROJECT MANAGER JIM MILLER (309)671-3451

CONTRACT NO. 68A51, CATALOG NO.034681-00D

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 17 20 11

Julie 20 11
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Scott E. Stitt P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

July 1 20 11
Christina M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

COMMITMENTS

No commitments have been made for this project.

GENERAL NOTES

Cleaning & painting of the existing steel shall be as specified in the special provisions for "Cleaning and Painting Existing Steel Structures". All beams, bearings and all other structural steel shall be cleaned per Near White Blast Cleaning-SSPC SP 10 according to the following schedule:

Bridge 1, Structure 072-0147 – Entire Structure.

The designated paint system shall be paint System 1 OZE/U

The final finish coat for the underside shall be Light grey (Munsell No.5B 7/1).

The final finish coat for the fascia beams shall be Interstate Green(Munsell No.7.5G 4/8).

QP1 AND QP2 SHALL BE REQUIRED FOR THIS CONTRACT.

AIR MONITORS – 2 FOR THIS PROJECT.

FILE NAME = 68A51.dgn	USER NAME = AdedeSA	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____	F.A.P. RTE. (318)	SECTION (72-6HB-3)P	COUNTY PEORIA	TOTAL SHEETS 9	SHEET NO. 2
	PLOT SCALE = 1:8376' / 1"	DRAWN - _____	REVISED - _____			CONTRACT NO. 68A51				
	CHECKED - _____	REVISED - _____	ILLINOIS FED. AID PROJECT							
	PLOT DATE = 5/16/2011	DATE - _____	REVISED - _____							

Summary of Quantities

Code Order

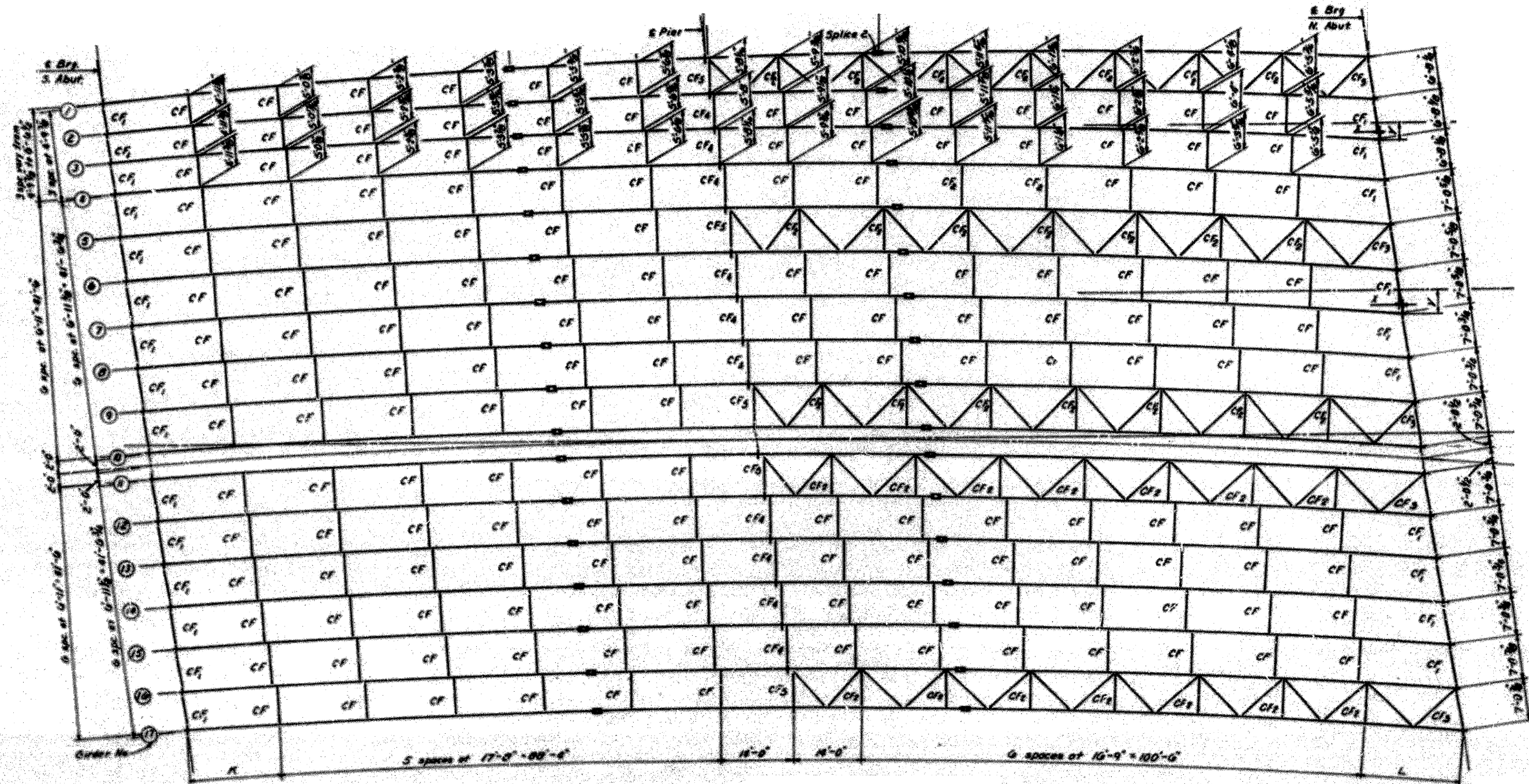
ROUTE		SECTION	COUNTY	SHEET	
FAP	318	(72-6HB-3)P	PEORIA	TOTAL	NO.
IL	6			9	3
			CONTRACT NO.	68A51	

CONSTRUCTION TYPE CODE

PEORIA	
100 14	
100% STATE	
URBAN	

CODE No.	ITEM	UNIT	Tot.QTY		
Z0010501	CLEANING AND PAINTING STEEL BRIDGE, NO 1	L SUM	1	1	
67100100	MOBILIZATION	L SUM	1	1	
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2	2	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	2	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	5	5	
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO.1	L SUM	1	1	
Z0052398	PORTABLE TEMPORARY BARRIER SYSTEM	FOOT	350	350	
Z0052399	RELOCATE PORTABLE TEMPORARY BARRIER SYSTEM	FOOT	1050	1050	

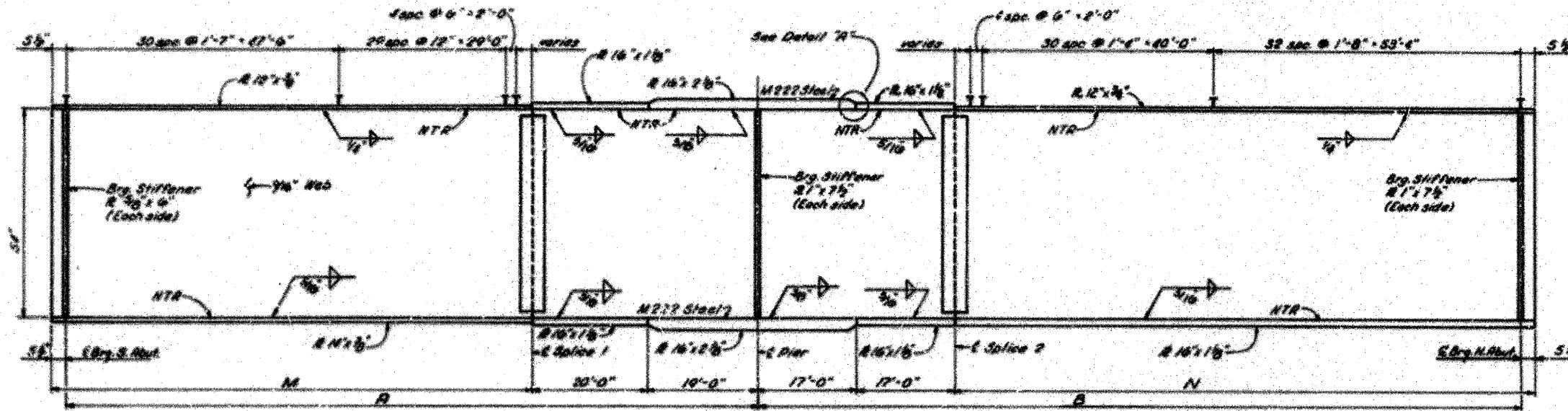
INFORMATION ONLY 54" GIRDERS



FRAMING PLAN

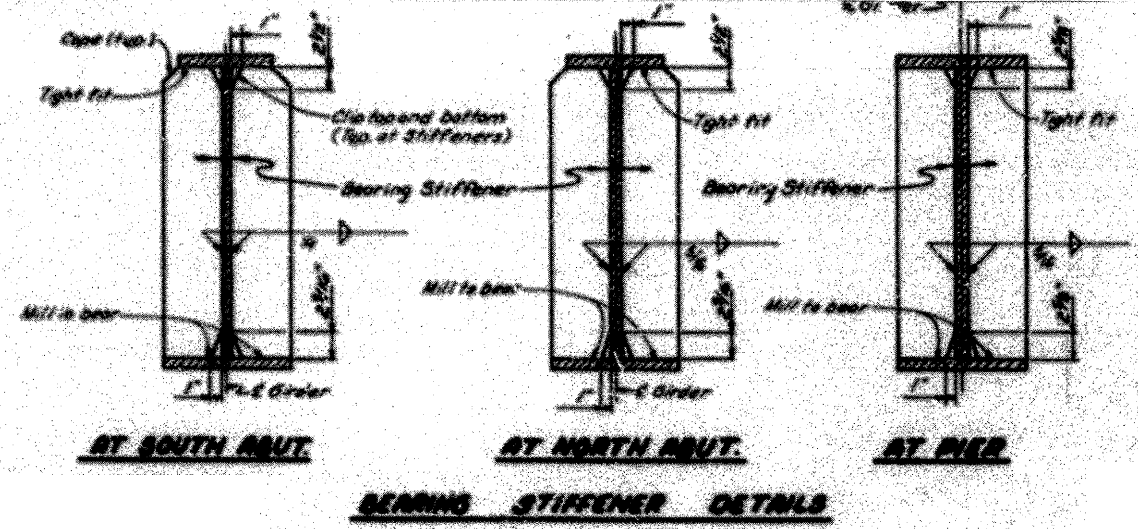
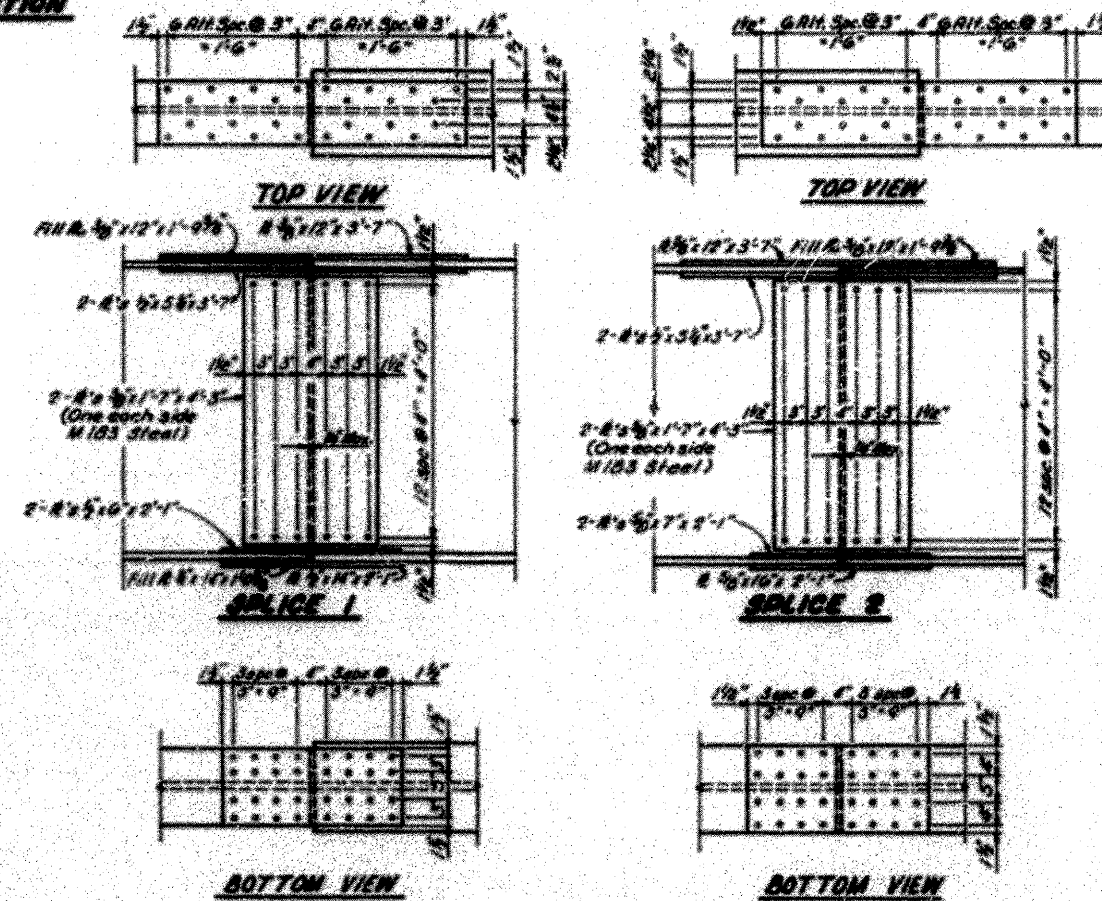
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PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -	CONTRACT NO. 68A51							
PLOT DATE = 5/16/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

INFORMATION ONLY 54" GIRDERS



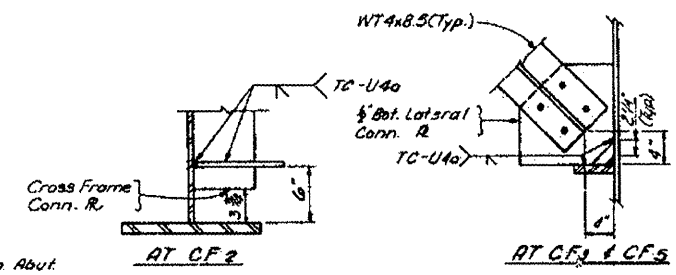
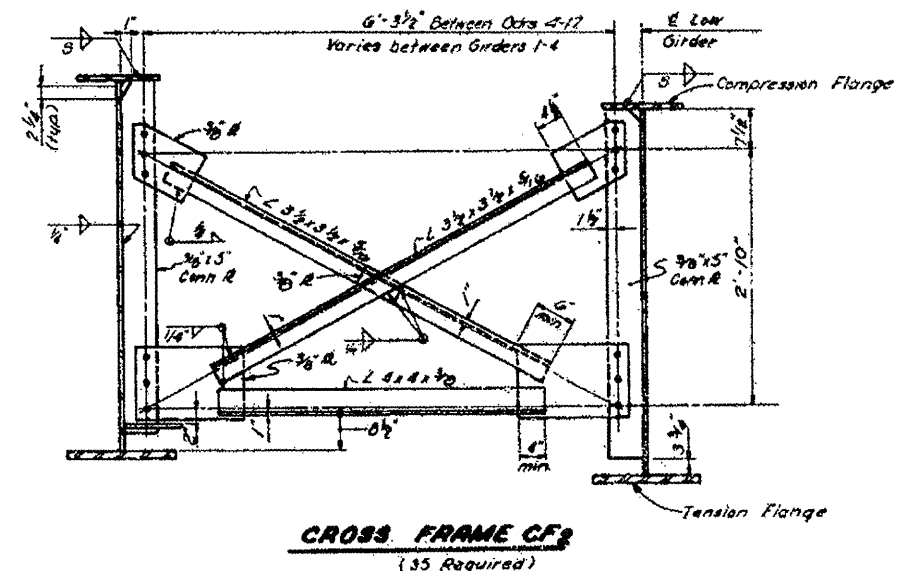
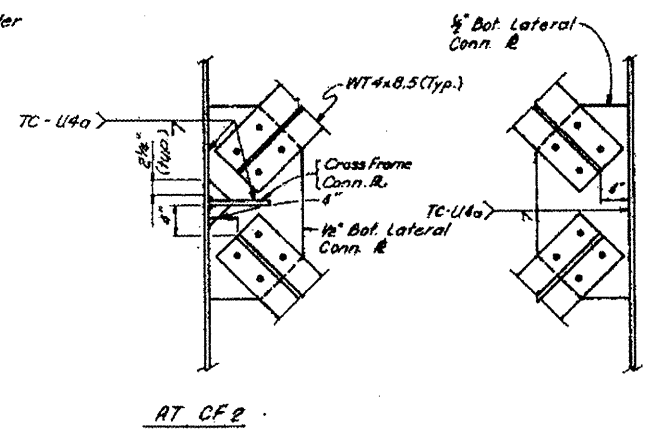
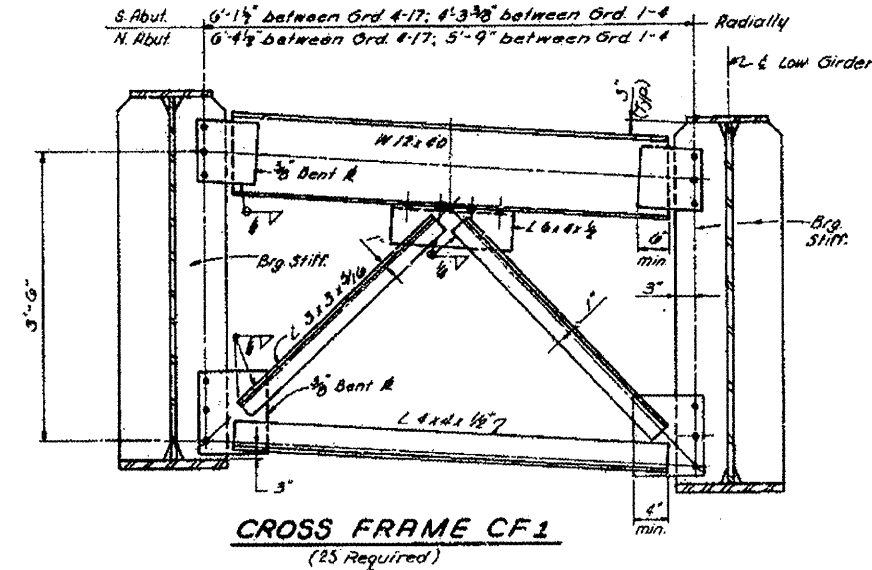
TYPICAL GIRDER ELEVATION

Girder	Radius	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	1732.97	119'-9 5/8"	131'-5 3/4"	17'-9"	17'-8 5/8"	88'-7 1/8"	14'-0 3/8"	16'-9 1/16"	100'-10 1/8"	15'-11 1/16"	0'-7 3/8"			81'-2 3/16"	97'-11 1/4"
2	1732.97	119'-10"	131'-7 3/8"	17'-10 1/8"	17'-8 3/8"	88'-7 1/8"	14'-0 3/8"	16'-9 1/16"	100'-10 1/8"	16'-0 1/16"	0'-7 3/8"	17'-6"	17'-1 3/8"	81'-3 1/2"	98'-0 7/8"
3	1732.97	119'-10 5/8"	131'-9 1/8"	17'-11 3/8"	17'-8 3/8"	88'-7 1/8"	14'-0 3/8"	16'-9 1/16"	100'-10 1/8"	16'-2 1/16"	0'-8 1/4"	17'-6 3/8"	17'-3 1/2"	81'-4 5/16"	98'-2 9/8"
4	1736.97	119'-11 1/8"	131'-10 5/8"	18'-0 3/4"	17'-8 3/8"	88'-8 3/8"	14'-0 1/16"	16'-9 1/16"	100'-10 1/8"	16'-1 1/4"	0'-10 1/8"	17'-7 1/2"	17'-4 3/4"	81'-5 9/16"	98'-4 1/16"
5	1730.05	119'-11 3/8"	131'-11 1/8"	18'-0 3/4"						16'-1 1/4"	0'-10 1/8"	17'-7 3/4"	17'-5 1/2"	81'-5 1/4"	98'-4 9/16"
6	1723.14	119'-11 3/8"	131'-11 1/4"	18'-1"						16'-1 1/4"	0'-10 1/2"	17'-7 3/4"	17'-5 1/2"	81'-5 1/4"	98'-4 9/16"
7	1716.22	119'-11 3/8"	131'-11 1/8"	18'-1"						16'-1 1/4"	0'-10 1/2"	17'-7 3/4"	17'-5 1/2"	81'-5 1/4"	98'-4 9/16"
8	1709.30	119'-11 7/8"	131'-11 3/8"	18'-1 1/16"						16'-1 1/4"	0'-10 1/2"	17'-7 3/4"	17'-5 1/2"	81'-5 1/4"	98'-4 9/16"
9	1702.39	119'-11 3/8"	131'-11 3/8"	18'-1 1/4"	17'-8 7/8"	88'-8 3/8"	14'-0 1/16"	16'-9 1/16"	100'-10 1/8"	16'-1 1/4"	0'-10 3/8"	17'-7 1/2"	17'-5 1/2"	81'-5 1/4"	98'-5 1/16"
10	1695.47	120'-0"	131'-11 3/8"							16'-1 1/4"	0'-10 3/8"	17'-7 1/2"	17'-5 1/2"	81'-5 1/4"	98'-5 1/16"
11	1691.47	120'-0"	132'-0 1/16"	18'-1 1/16"	17'-8 7/8"	88'-8 3/8"	14'-0 1/16"	16'-9 1/16"	100'-10 1/8"	16'-2"	0'-10 1/2"			81'-5 1/2"	98'-5 1/16"
12	1684.55	120'-0 1/8"	132'-0 1/4"	18'-1 1/8"						16'-2 3/16"	0'-10 1/2"	17'-8 1/2"	17'-6 1/2"	81'-5 9/16"	98'-5 3/2"
13	1677.64	120'-0 1/8"	132'-0 1/16"	18'-1 1/16"						16'-2 3/16"	0'-10 1/2"	17'-8 1/2"	17'-6 1/2"	81'-5 9/16"	98'-5 3/2"
14	1670.72	120'-0 3/8"	132'-0 3/8"	18'-1 3/4"						16'-2 3/16"	0'-10 5/8"	17'-8 3/4"	17'-6 3/4"	81'-5 1/4"	98'-6 1/8"
15	1663.80	120'-0 3/8"	132'-0 1/4"	18'-1 3/4"						16'-2 3/16"	0'-10 5/8"	17'-8 3/4"	17'-6 3/4"	81'-5 1/4"	98'-6 1/8"
16	1656.89	120'-0 1/4"	132'-1"	18'-1 1/4"	17'-8 7/8"	88'-8 3/8"	14'-0 1/16"	16'-9 1/16"	100'-10 1/8"	16'-2 1/4"	0'-10 5/8"	17'-8 1/2"	17'-7"	81'-5 3/4"	98'-6 1/2"
17	1649.97	120'-0 5/8"	132'-1 3/8"							17'-8 5/16"	17'-7 3/4"	81'-5 9/16"		98'-6 1/16"	



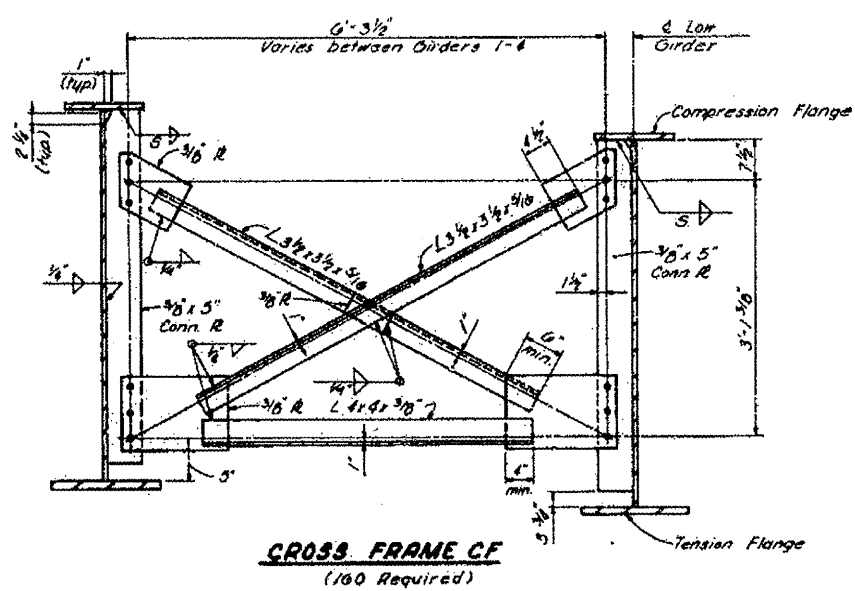
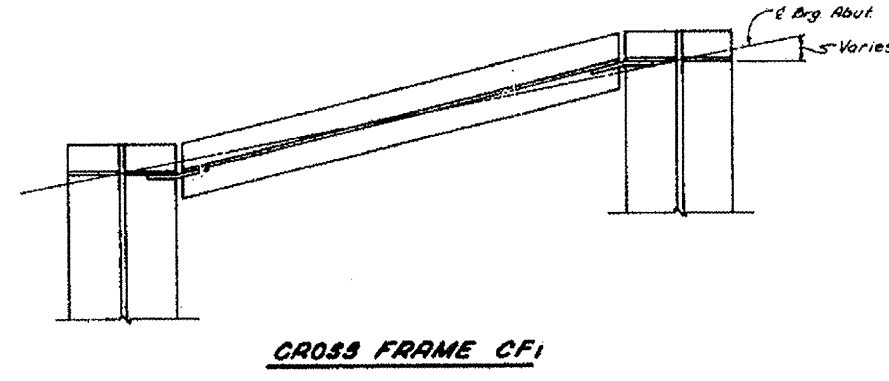
INFORMATION ONLY

s	Flange Thickness
1/2"	3/4"
3/8"	1 1/8"
5/8"	2 1/8"



LATERAL BRACING CONNECTIONS

NOTE: All Bolts for Cross Frames & Lateral Bracing Connections are to be 3/4" H.S. Bolts with 5/16" Oversized Holes in Gusset R's and Hardened Washers over the Holes in Gusset R's.



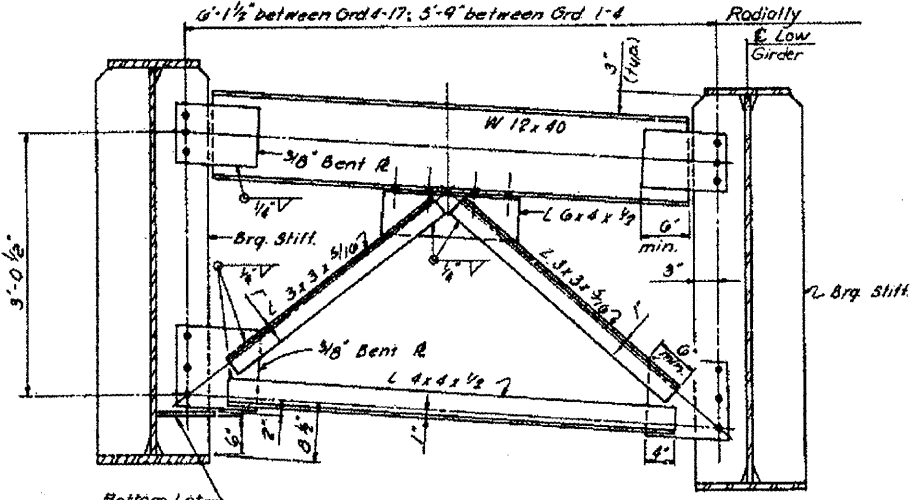
FILE NAME = 68A51.dgn	USER NAME = AdadeSA	DESIGNED -	REVISED -
PLOT SCALE = 1/8" = 1' in.		DRAWN -	REVISED -
PLOT DATE = 5/16/2011		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____
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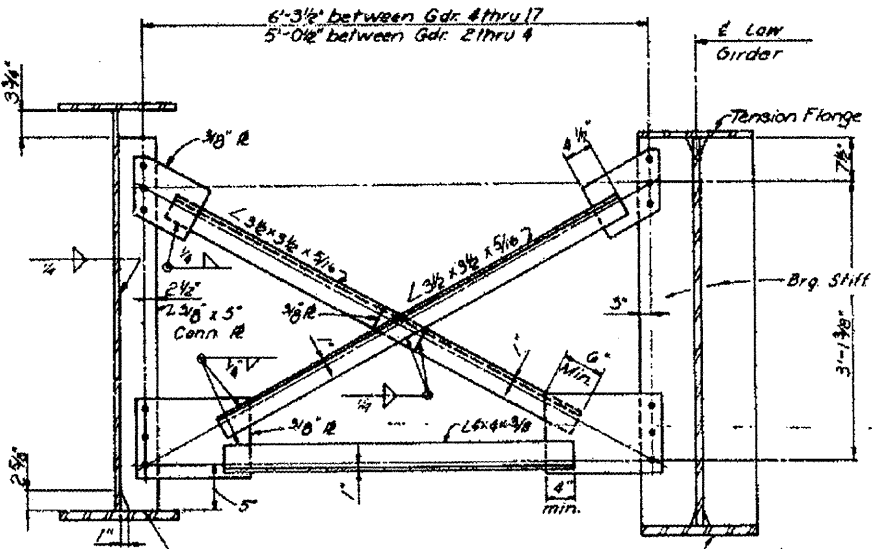
F.A.P. RTE. (318)	SECTION (72-6HB-3P)	COUNTY PEORIA	TOTAL SHEETS 9	SHEET NO. 7
CONTRACT NO. 68A51				
ILLINOIS FED. AID PROJECT				

INFORMATION ONLY

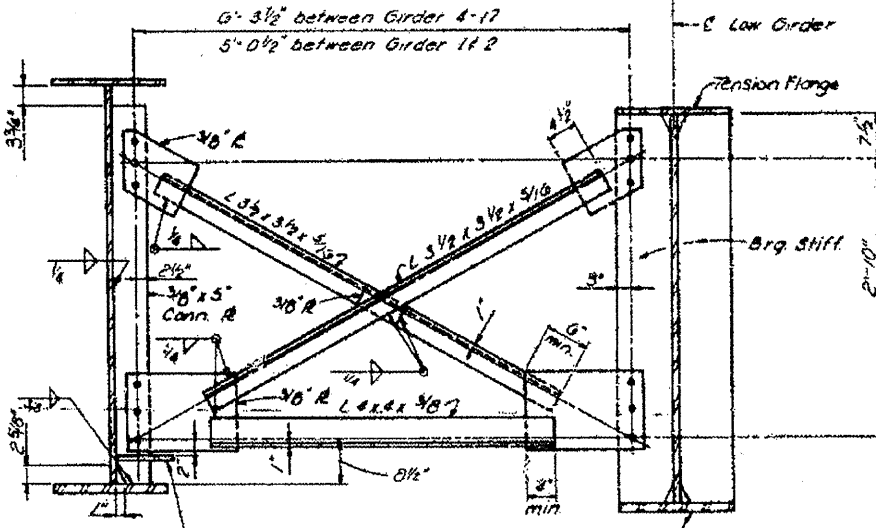


CROSS FRAME CF3
(5 Required)

Bottom Lat. Conn. R See Sheet 16



CROSS FRAME CF4
(10 Required)



CROSS FRAME CF5
(5 Required)

Bottom Lat. Conn. R See Sheet 16

FILE NAME = 68A51.dgn

USER NAME = AdedeSA
 PLOT SCALE = 1:8400 / in.
 PLOT DATE = 5/16/2011

DESIGNED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. (318)	SECTION (72-6HB-31P)	COUNTY (PEORIA)	TOTAL SHEETS (9)	SHEET NO. (8)
CONTRACT NO. 68A51			ILLINOIS FED. AID PROJECT	

