

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. D9 BRIDGE PAINTING 2011-1		VARIOUS	12	1
CONTRACT NO. 78236				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

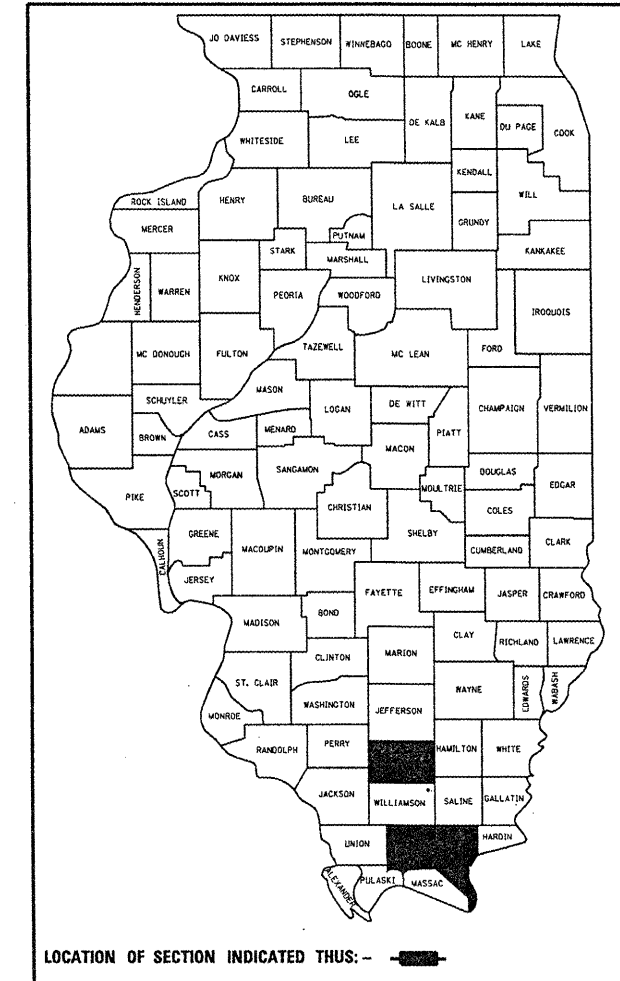
**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION D9 BRIDGE PAINTING 2011-1

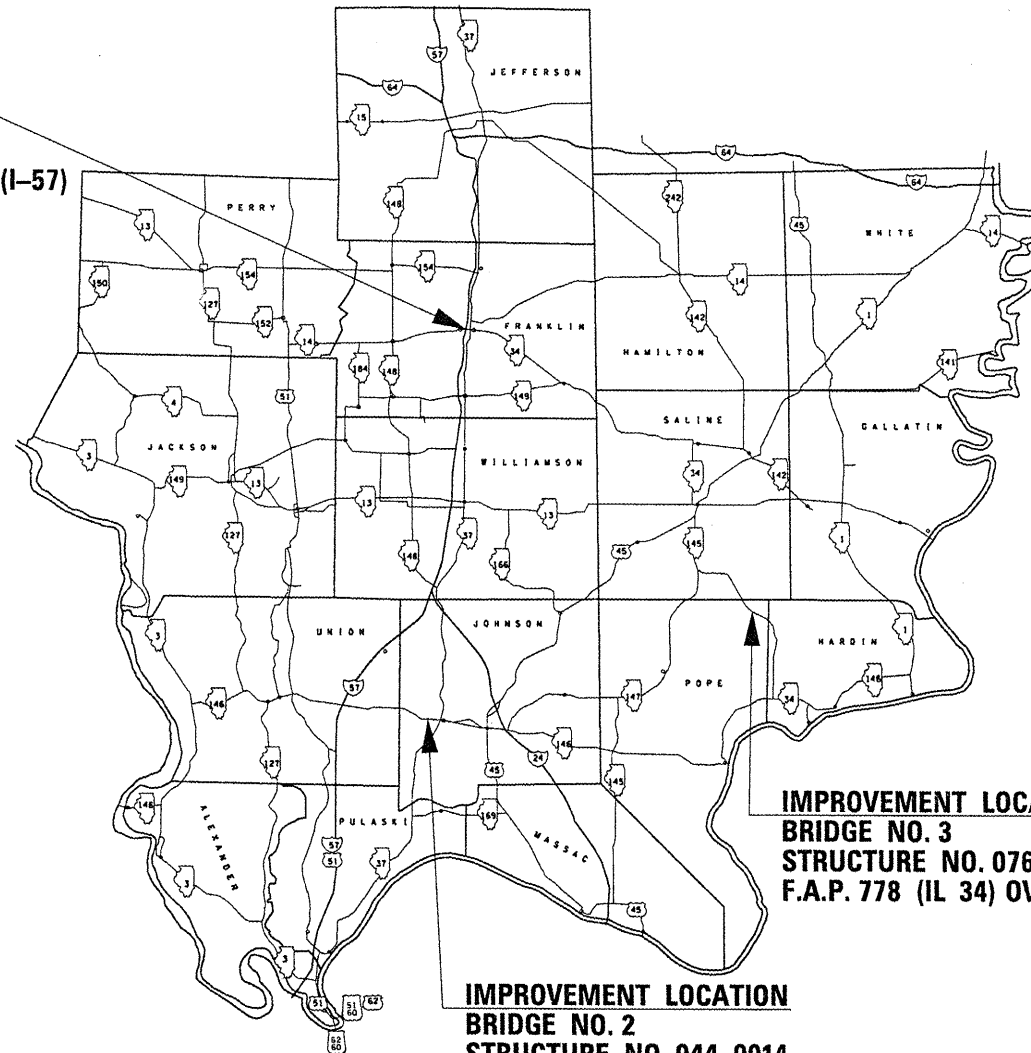
BRIDGE PAINTING
FRANKLIN, JOHNSON & POPE COUNTIES
C-99-015-11

FOR INDEX OF SHEETS, SEE SHEET NO. 2

D-99-013-11



IMPROVEMENT LOCATION
BRIDGE NO. 1
STRUCTURE NO. 028-0022
F.A.P. 869 (IL 14) OVER F.A.I. 57 (I-57)



IMPROVEMENT LOCATION
BRIDGE NO. 3
STRUCTURE NO. 076-0001
F.A.P. 778 (IL 34) OVER GIBBONS CREEK

IMPROVEMENT LOCATION
BRIDGE NO. 2
STRUCTURE NO. 044-0014
F.A.P. 885 (IL 146) OVER CACHE CREEK

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

PROJECT ENGINEER David Piche
DESIGNER Rita Gautney

CONTRACT NO. 78236

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Jan 4 2011
Mary C. Lammie
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 4 2011
Scott E. Stitt P.E. /sr
ENGINEER OF DESIGN AND ENVIRONMENT

Feb 4 2011
Christine M. Reed /sr
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, SIGNATURES
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5-7	028-0022 STRUCTURE PLANS
8-10	044-0014 STRUCTURE PLANS
11-12	076-0001 STRUCTURE PLANS

STANDARDS

701001-02	OFF ROAD, 2L, 2W \geq 15' FROM EOP
701006-03	OFF ROAD, 2L, 2W
701201-04	LANE CLOSURE, 2L, 2W DAY ONLY
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-08	LANE CLOSURE, FREEWAY/EXPRESSWAY + BARRIER
701411-07	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS 45 MPH OR GREATER
701901-01	TRAFFIC CONTROL DEVICES

Prepared By:	<i>Joe Blawie</i>	<small>DISTRICT STUDIES & PLANS ENGINEER</small>
Examined By:	<i>James Lewis Emery</i>	<small>DISTRICT LAND ACQUISITION ENGINEER</small>
Examined By:	<i>Carly M...</i>	<small>DISTRICT PROGRAM DEVELOPMENT ENGINEER</small>
Examined By:	<i>Neil H...</i>	<small>DISTRICT OPERATIONS ENGINEER</small>
Examined By:	<i>K...</i>	<small>DISTRICT CONSTRUCTION ENGINEER</small>
Examined By:	<i>Bruce...</i>	<small>DISTRICT MATERIALS ENGINEER</small>
Examined By:	<i>Danny...</i>	<small>DISTRICT PROJECT IMPLEMENTATION ENGINEER</small>
Examined By:	<i>Danny...</i>	<small>ASSISTANT REGIONAL ENGINEER</small>
Approved By:	<i>Mary C. L...</i>	<small>DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER</small>
	<i>Jan 4</i>	<i>20 11</i>
	<small>DATE</small>	

GENERAL NOTES

The existing steel coatings contain lead. The Contractor should take appropriate precautions to deal with the presence of lead on this project.

028-0022

Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All existing steel shall be cleaned per Near White Blast Cleaning - SSPC-SP10. All existing steel shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4.

A minimum of 4 air monitors will be required to monitor abrasive blasting operations at this site. See special provision for "Containment and Disposal of Lead Paint Cleaning Residues".

044-0014

Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All beams, bearings and other structural steel within 5 ft. (measured along the beam) of either side of specified deck joints shall be cleaned per Near White Blast Cleaning - SSPC-SP10. The exterior surfaces and bottom of the bottom flange of the fascia beams shall be cleaned per Near White Blast Cleaning - SSPC-SP10. The designated areas cleaned per Near White Blast Cleaning - SSPC-SP10 shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat of interior and exterior surfaces shall be Gray, Munsell No. 5B 7/1.

076-0001

Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All beams, bearings and other structural steel within 5 ft. (measured along the beam) of either side of deck joints shall be cleaned per Near White Blast Cleaning - SSPC-SP10. The exterior surfaces and bottom of the bottom flange of the fascia beams shall be cleaned per Near White Blast Cleaning - SSPC-SP10. The designated areas cleaned per Near White Blast Cleaning - SSPC-SP10 shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4.

A minimum of 3 air monitors will be required to monitor abrasive blasting operations at this site. See special provision for "Containment and Disposal of Lead Paint Cleaning Residues".

BRIDGE NO. 1 BROWING TOWNSHIP

**IL 14 2009 ADT = 15400
6% TRUCKS**

**I-57 2009 ADT = 28,400
33% TRUCKS**

**INVENTORY RATING 32.8
OPERATING RATING 54.7**

BRIDGE NO. 2 COUNTY ROAD DIST. NO. 1

**IL 146 2009 ADT = 2550
13% TRUCKS**

**INVENTORY RATING 23.7
OPERATING RATING 39.5**

BRIDGE NO. 3 COUNTY ROAD DIST. NO. 2

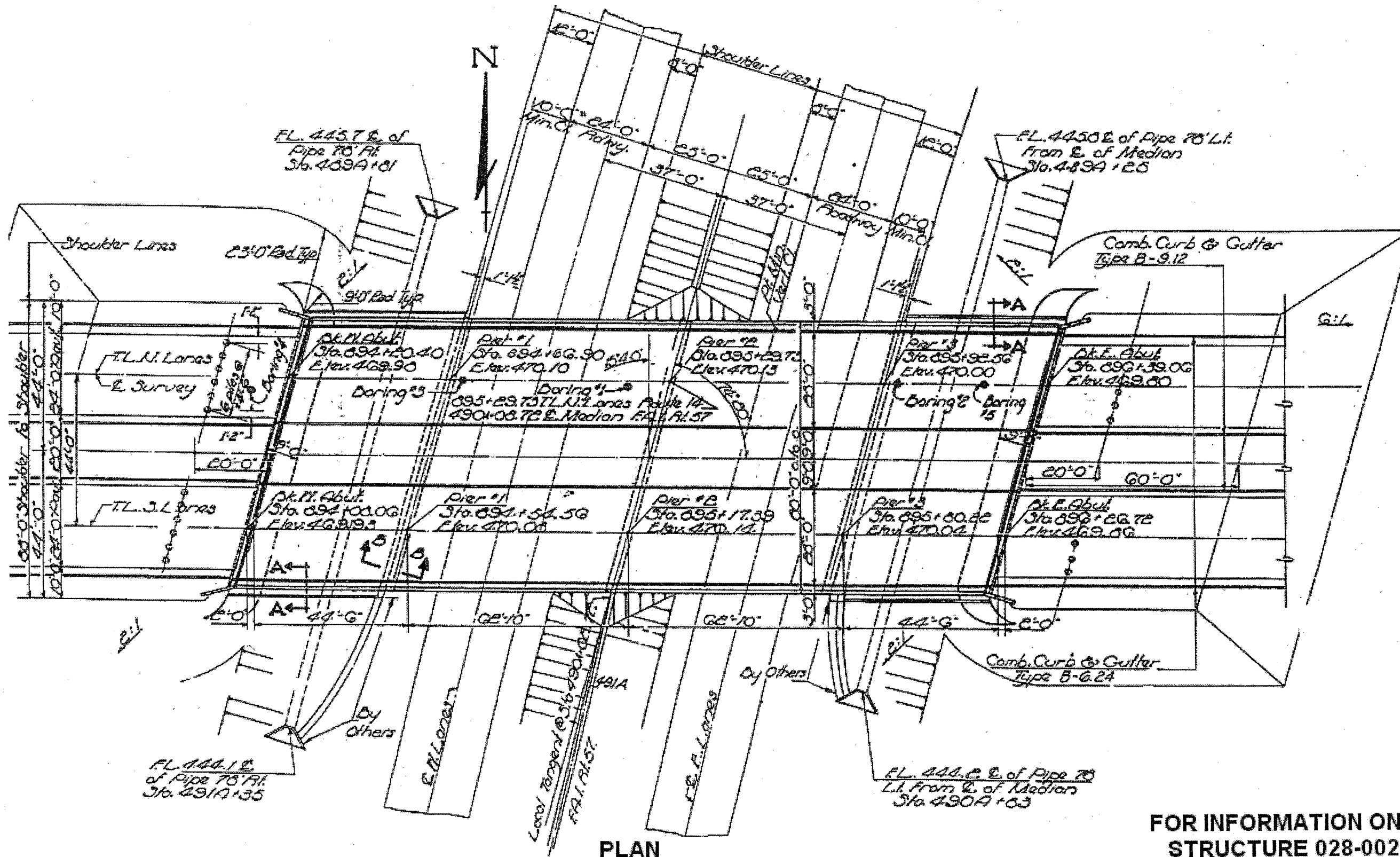
**IL 34 2009 ADT 2550
31% TRUCKS**

**INVENTORY RATING 25.1
OPERATING RATING 41.9**

FILE NAME =	USER NAME = gautreyrk	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		PLOT DATE = 1/5/2011	DATE - ---		REVISED - ---	SCALE: -----	SHEET NO. --- OF --- SHEETS	STA. ----- TO STA. -----	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

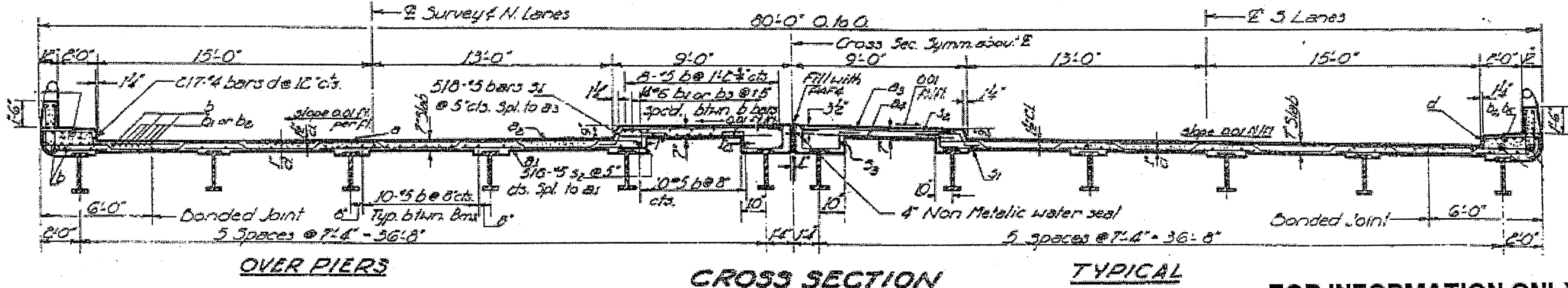
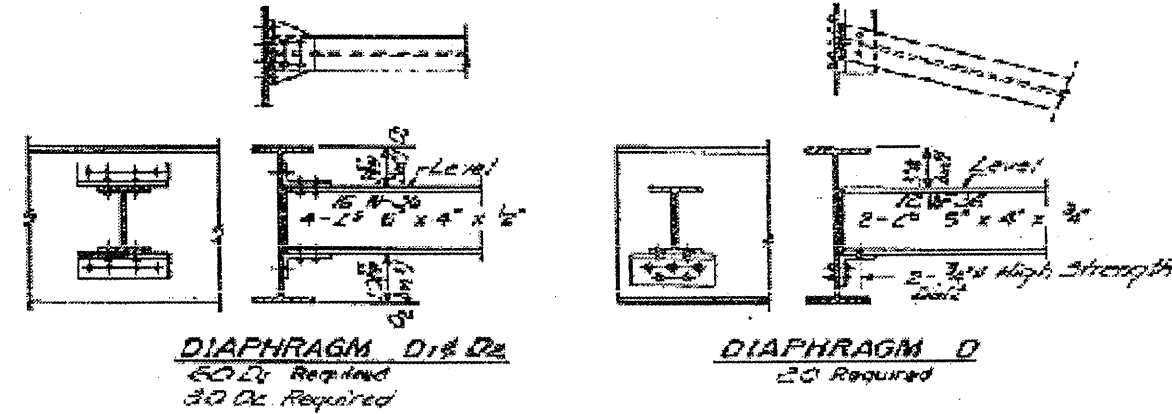
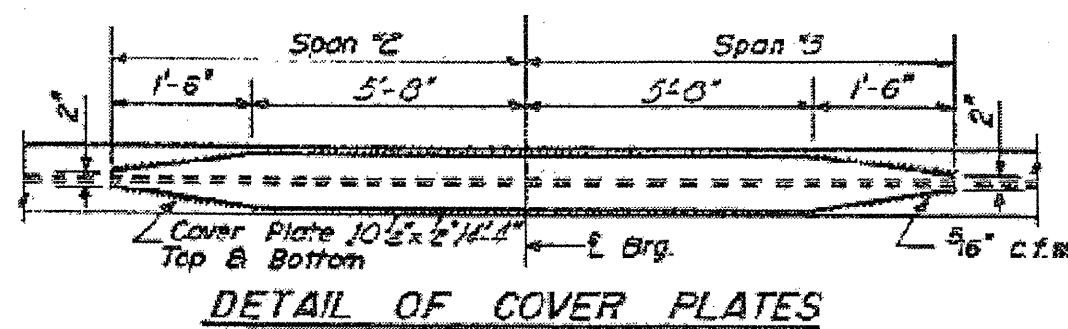
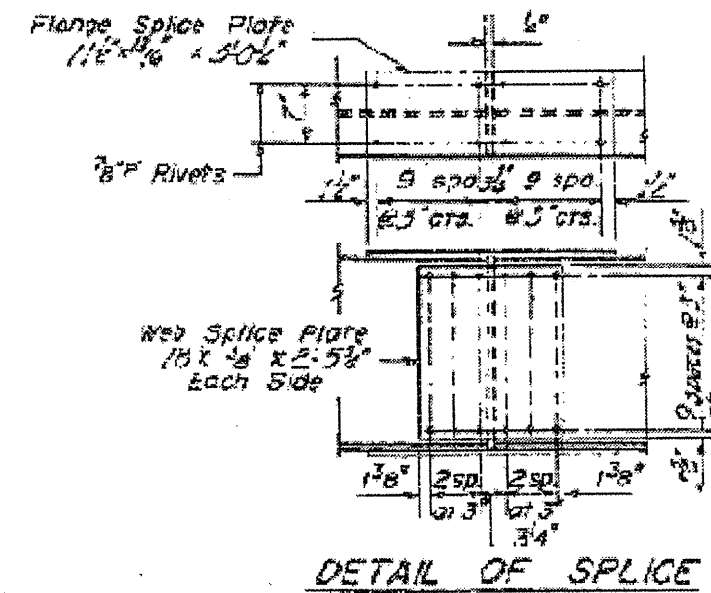
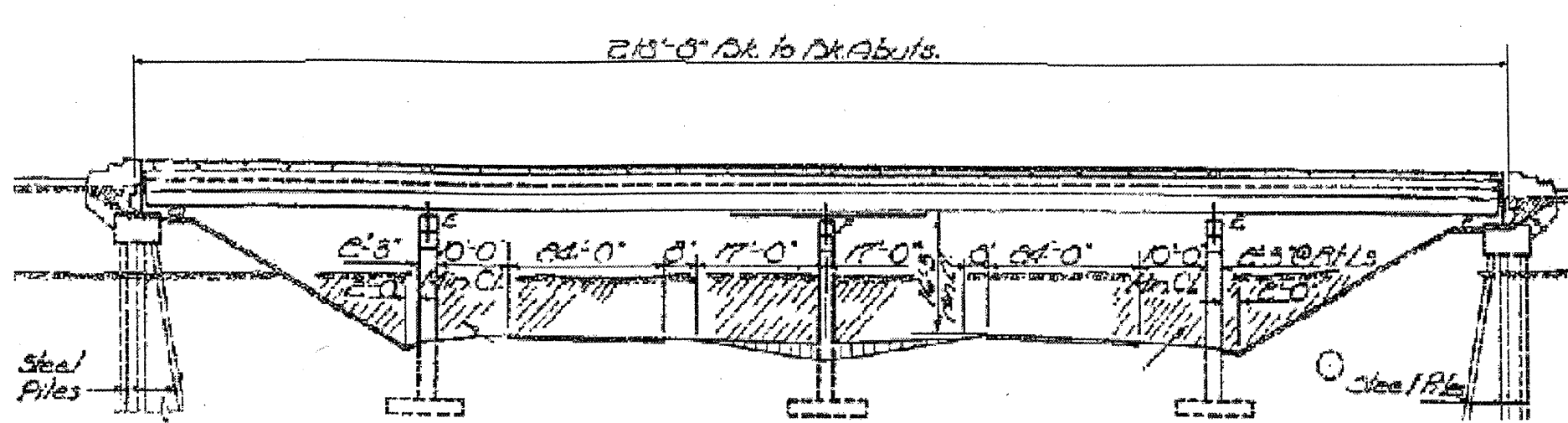
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				100% STATE	100% STATE	100% STATE
				URBAN	RURAL	
				FRANKLIN	JOHNSON	POPE
				IL 14	IL 146	IL 34
				BRIDGE NO. 1	BRIDGE NO. 2	BRIDGE NO. 3
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO.1	L SUM	1	1		
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO.2	L SUM	1		1	
Z0010503	CLEANING AND PAINTING STEEL BRIDGE NO.3	L SUM	1			1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	1	1	1
67100100	MOBILIZATION	L SUM	1	0.4	0.3	0.3
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1	1		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.4	0.3	0.3
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2		
Z0052398	PORTABLE TEMPORARY BARRIER SYSTEM	FOOT	259	259		
Z0052399	RELOCATE PORTABLE TEMPORARY BARRIER SYSTEM	FOOT	777	777		
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1		
Z0007102	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM	1		1	
Z0007103	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 3	L SUM	1			1



PLAN

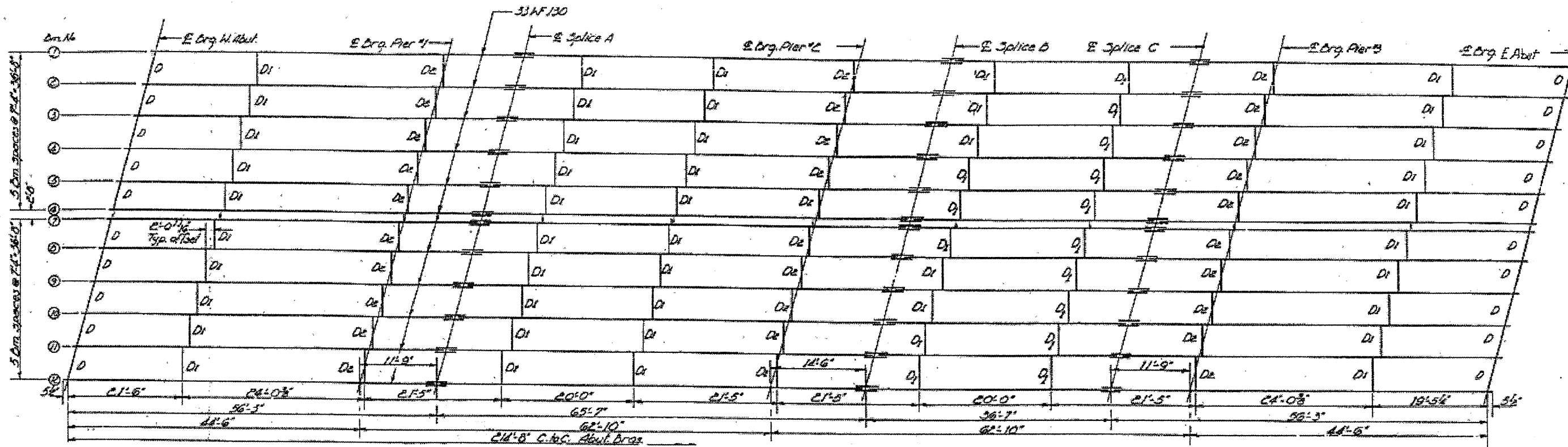
**FOR INFORMATION ONLY
STRUCTURE 028-0022**

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		CHECKED -	REVISED -		CONTRACT NO. 78236							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

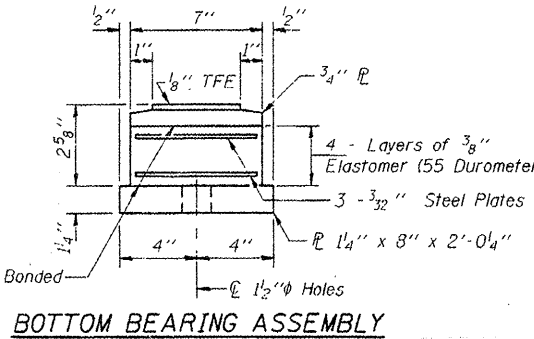
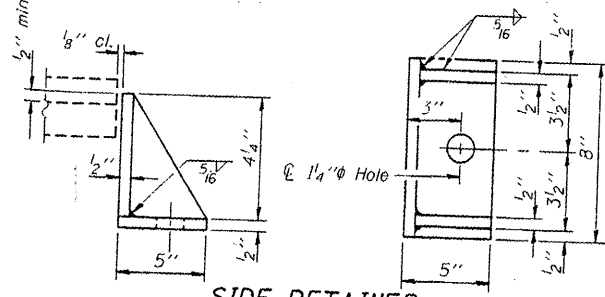
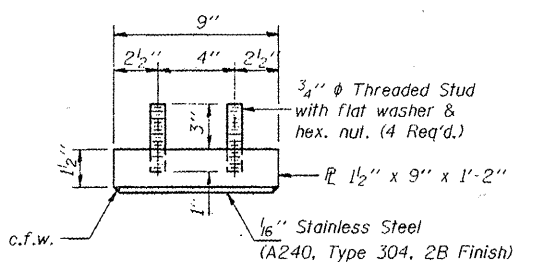
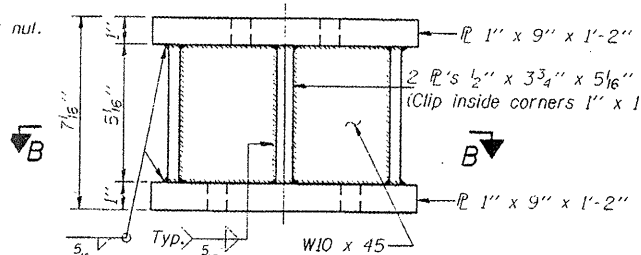
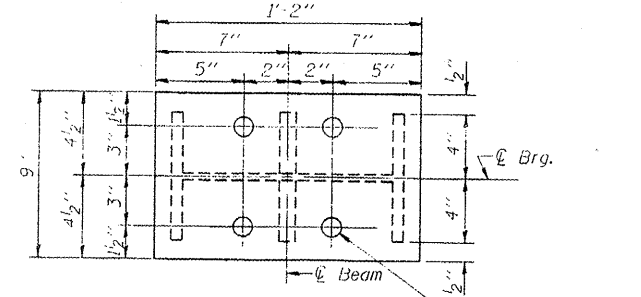
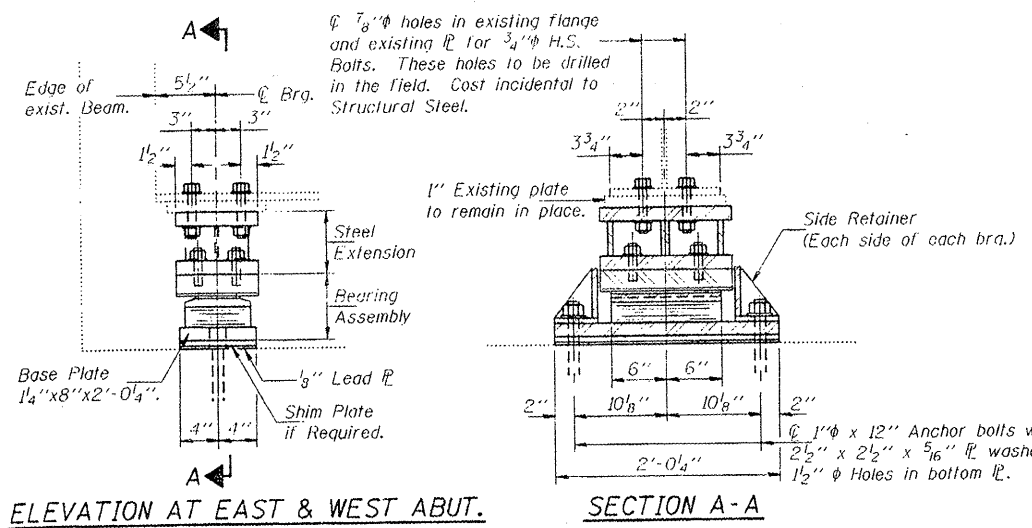


FOR INFORMATION ONLY
STRUCTURE 028-0022

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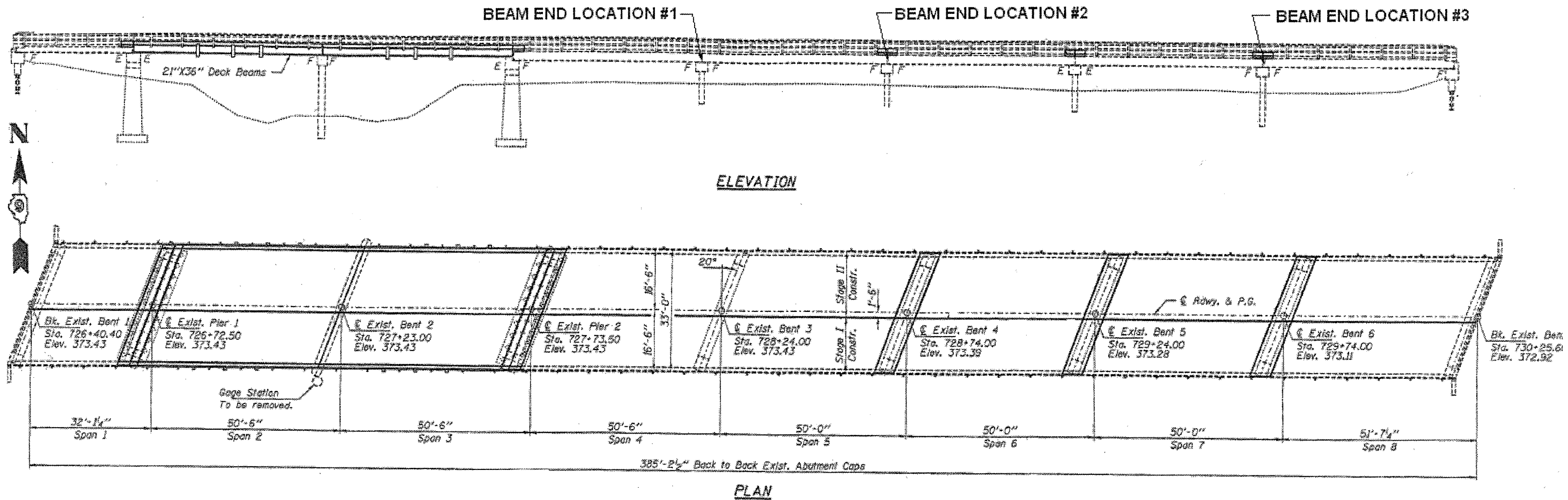


STRUCTURAL STEEL LAYOUT



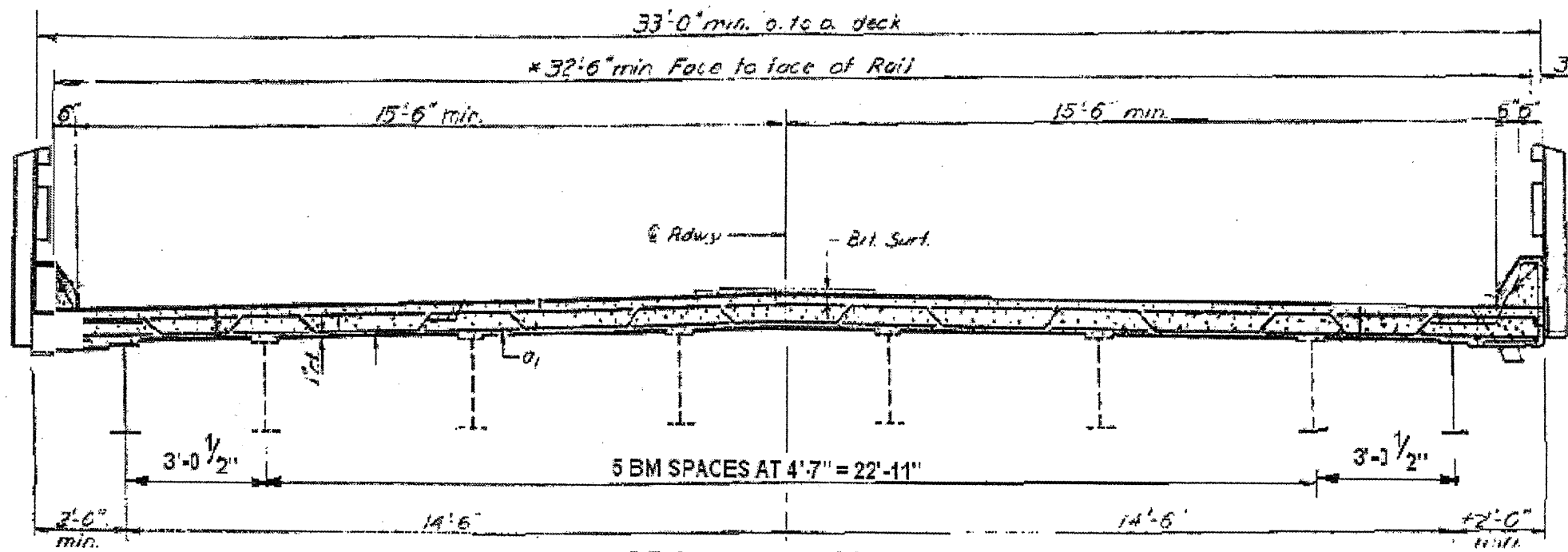
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STRUCTURE 028-0022**

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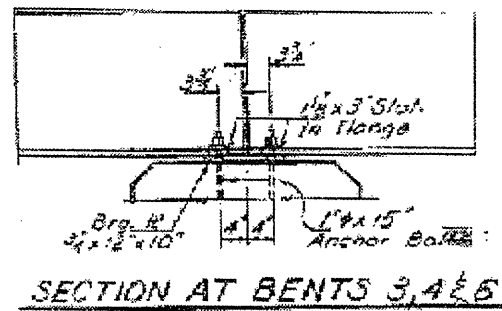


**FOR INFORMATION ONLY
STRUCTURE 044-0014**

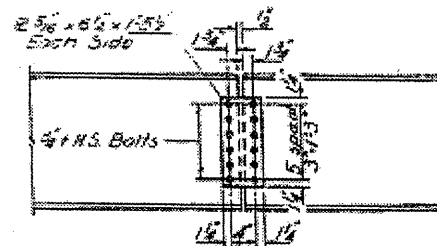
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		DATE -	REVISED -									



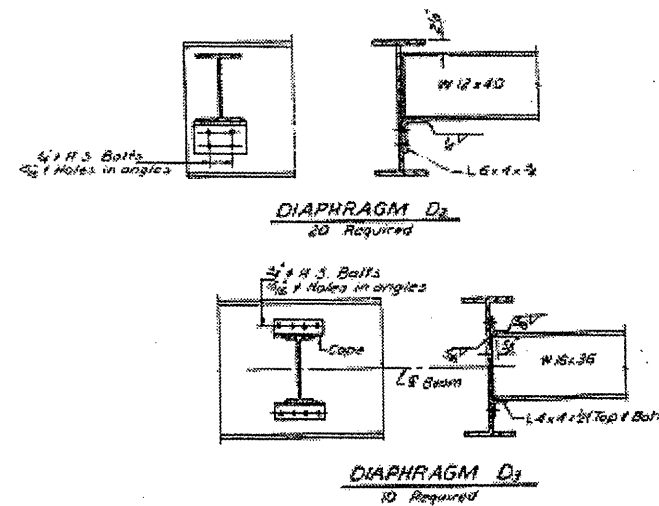
CROSS SECTION



SECTION AT BENTS 3, 4 & 5

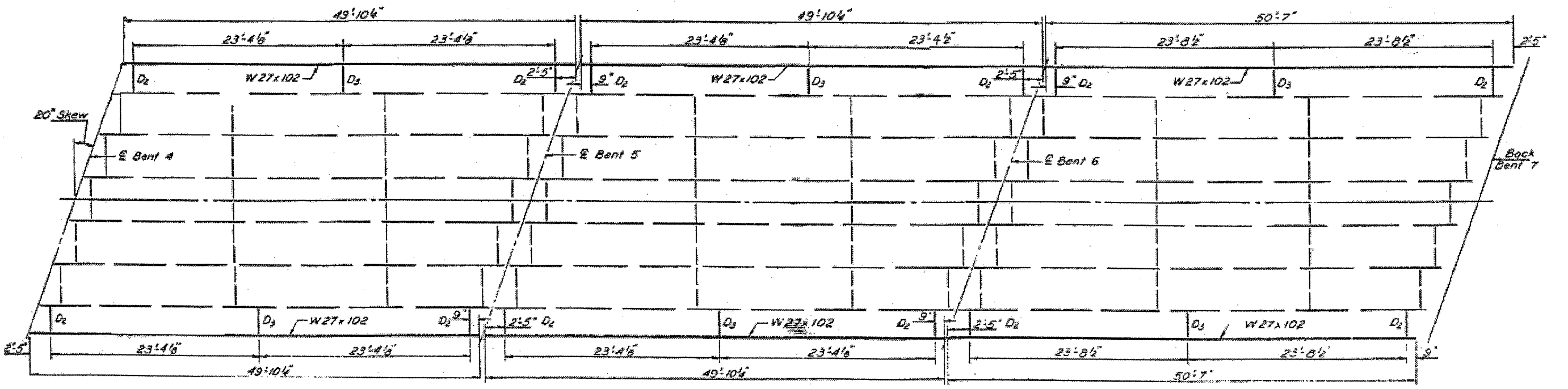
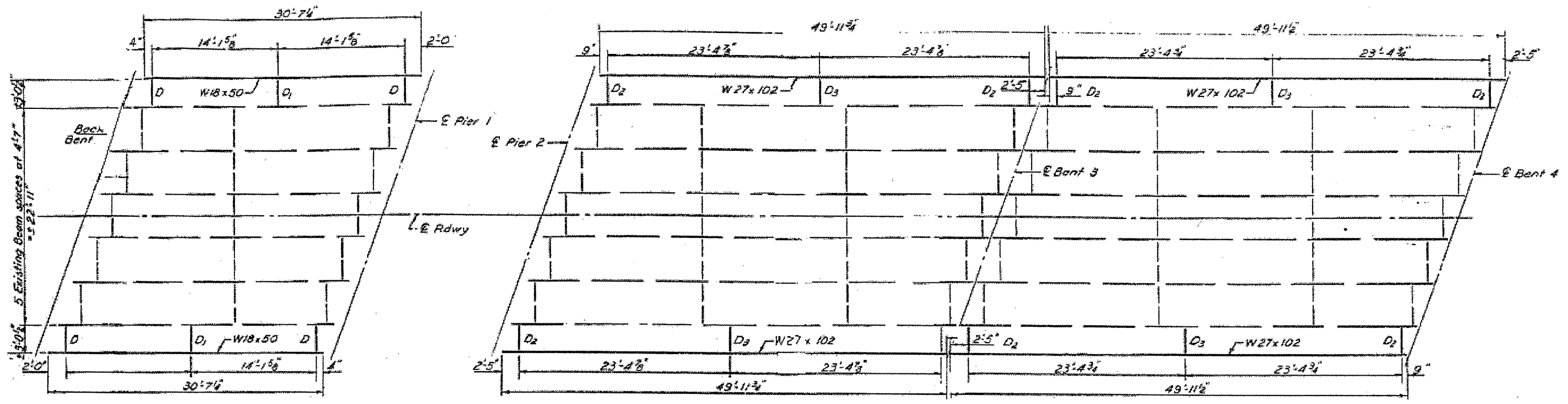


DETAIL OF SPLICE AT BENTS 3 & 6



**FOR INFORMATION ONLY
STRUCTURE 044-0014**

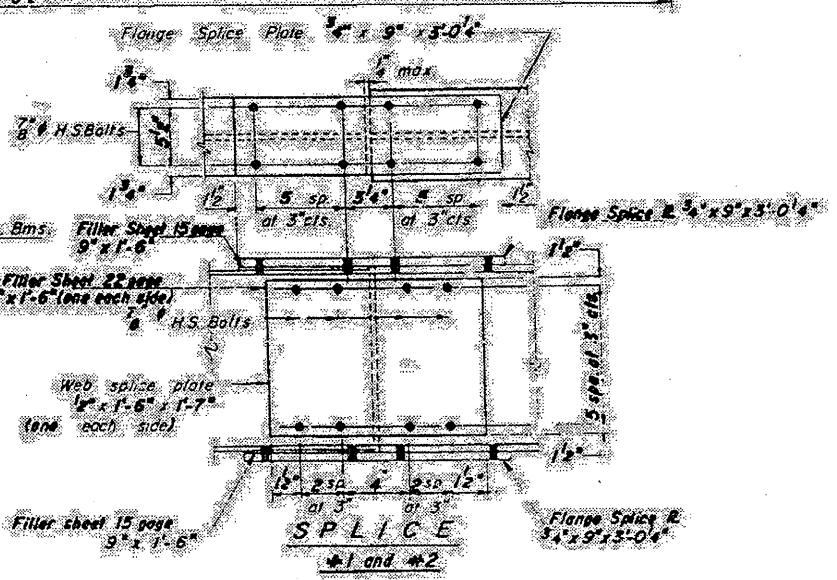
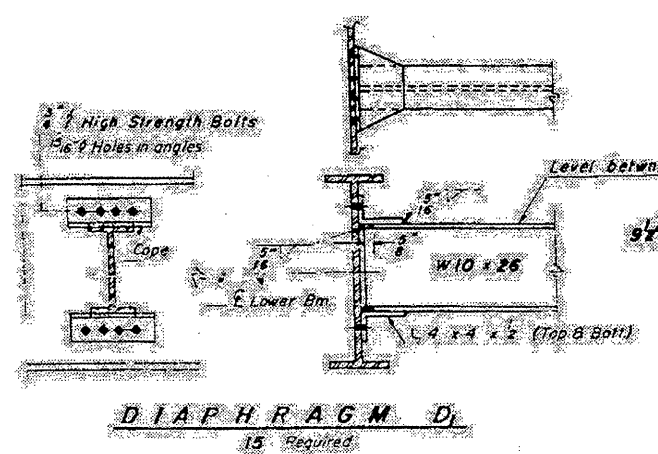
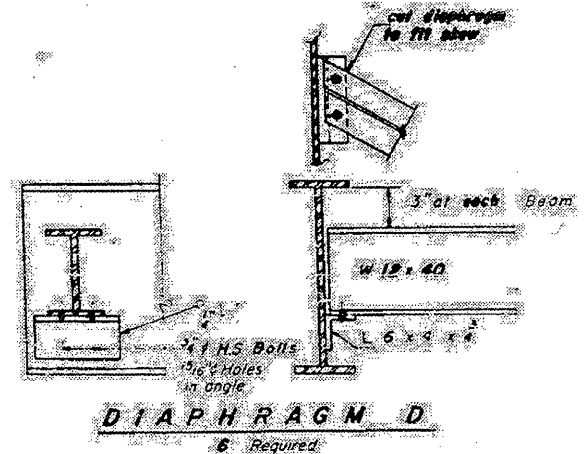
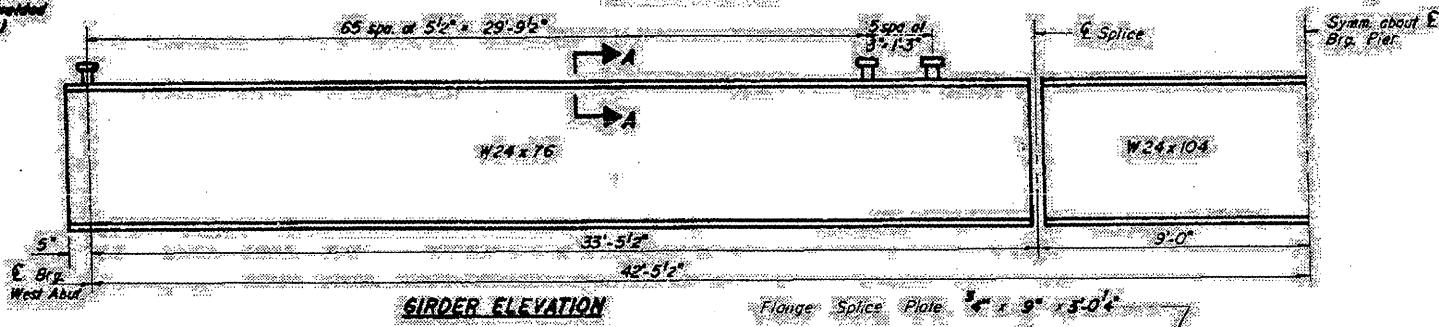
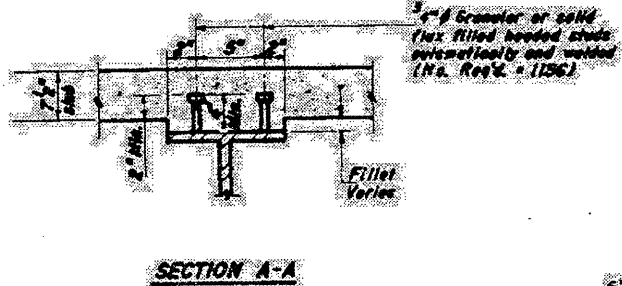
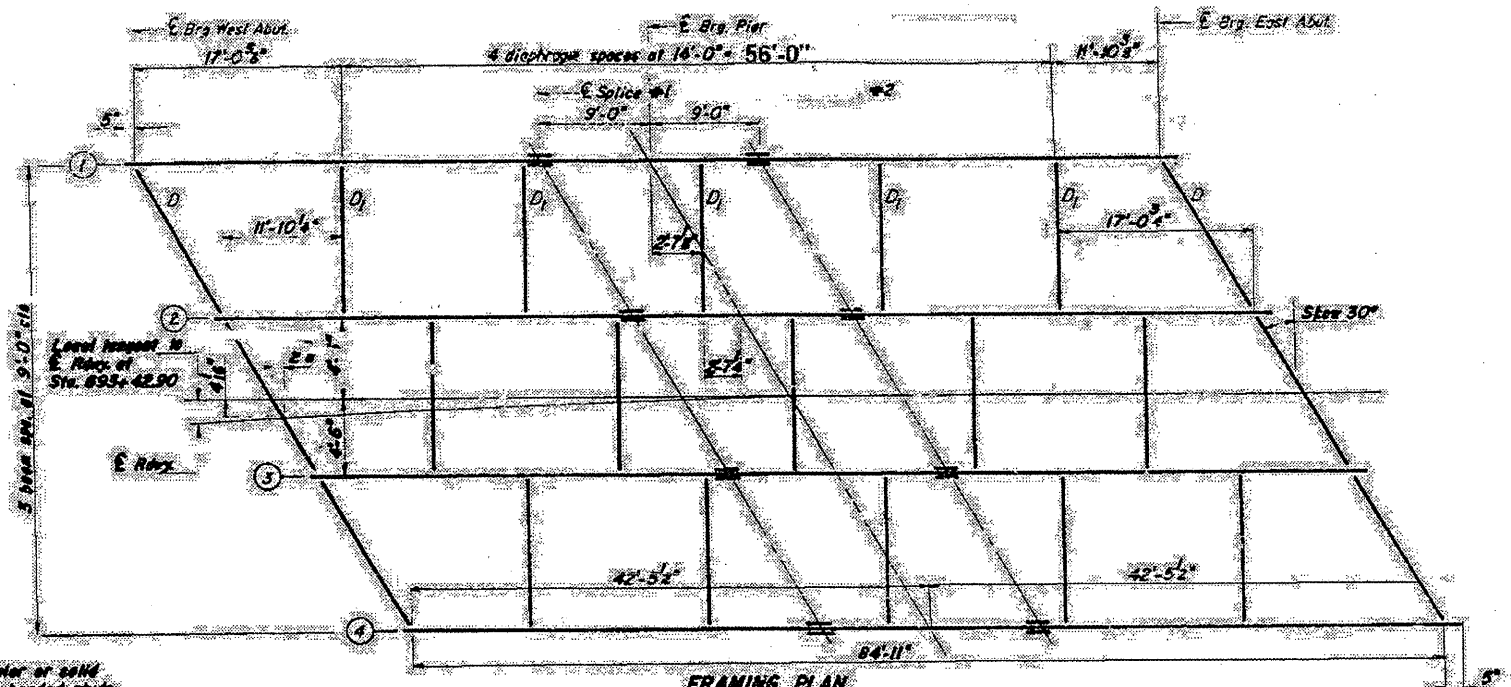
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ROUTE	SECTION	COUNTY	TOTAL SHEETS		SHEET NO.																		
VAR. D9	BRIDGE PAINTING 2011-1	VARIOUS	12		9																		
			CONTRACT NO. 78236																				
	PLOT SCALE = 4915.2000 / IN.	DRAWN -	REVISED -																				
	PLOT DATE = 12/9/2010	CHECKED -	REVISED -																				
		DATE -	REVISED -																				



FRAMING PLAN

FOR INFORMATION ONLY STRUCTURE 044-0014

FILE NAME -	USER NAME = gautneyrk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 12/9/2010	CHECKED -	REVISED -			CONTRACT NO. 78236		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -								



Filler sheets shall be placed on west side of Splice #1 and on east side of Splice #2.

FOR INFORMATION ONLY
STRUCTURAL STEEL
RTE 778-SECTION 3B-BR
POPE COUNTY
STA. 693+40.00
STRUCTURE 076-0001

FILE NAME =	USER NAME = geutneyrk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 12/9/2010	CHECKED -	REVISED -			CONTRACT NO. 78236				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				