

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

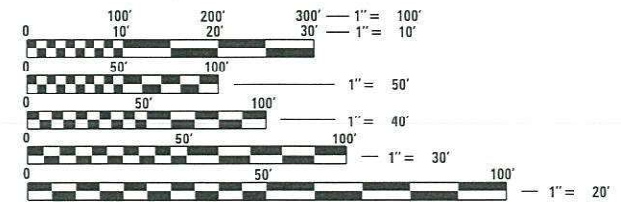
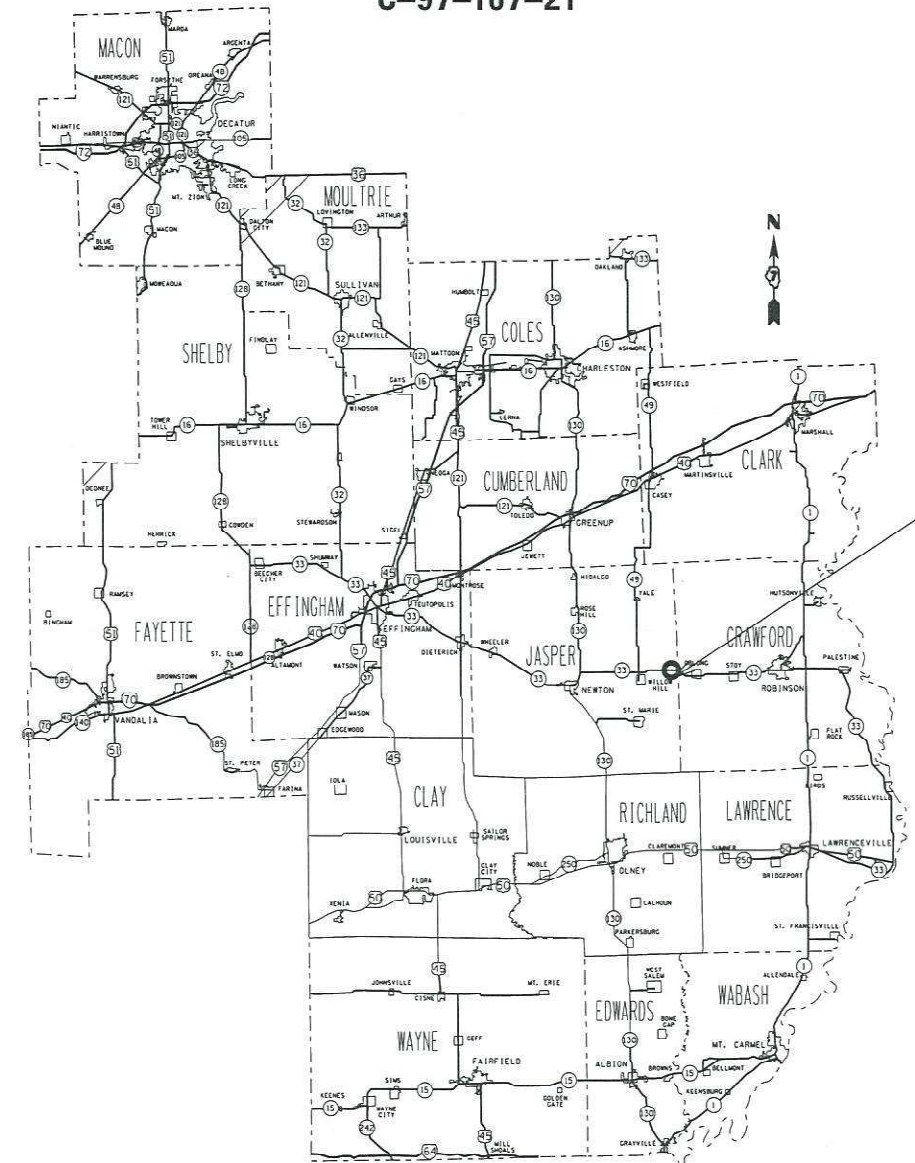
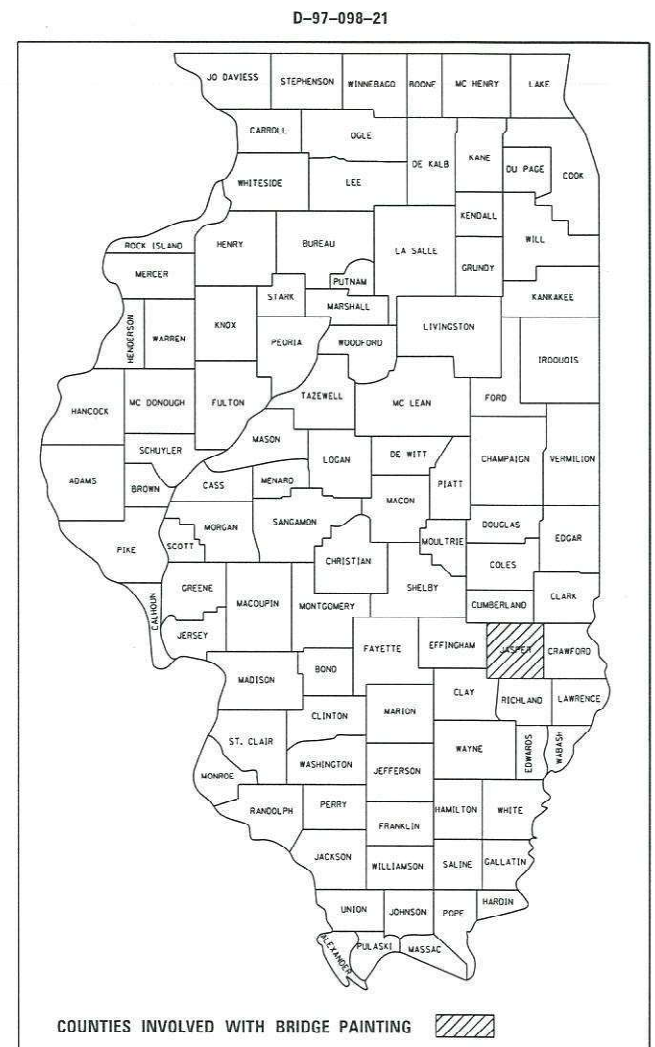
FAP 781 (ILL 33)
 SECTION D7 BRIDGE PAINTING 2022-2
 PROJECT STP-6B3B(053)
 BRIDGE PAINTING
 JASPER COUNTY

C-97-167-21

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT=3200 (2019)

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	D7 BRIDGE PAINTING 2022-2	JASPER	7	1
		ILLINOIS	CONTRACT NO. 74A67	



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 RONAN
 PROJECT MANAGER: TOM RONAN
 PHONE: (217)-342-8320
 CONTRACT NO. 74A67

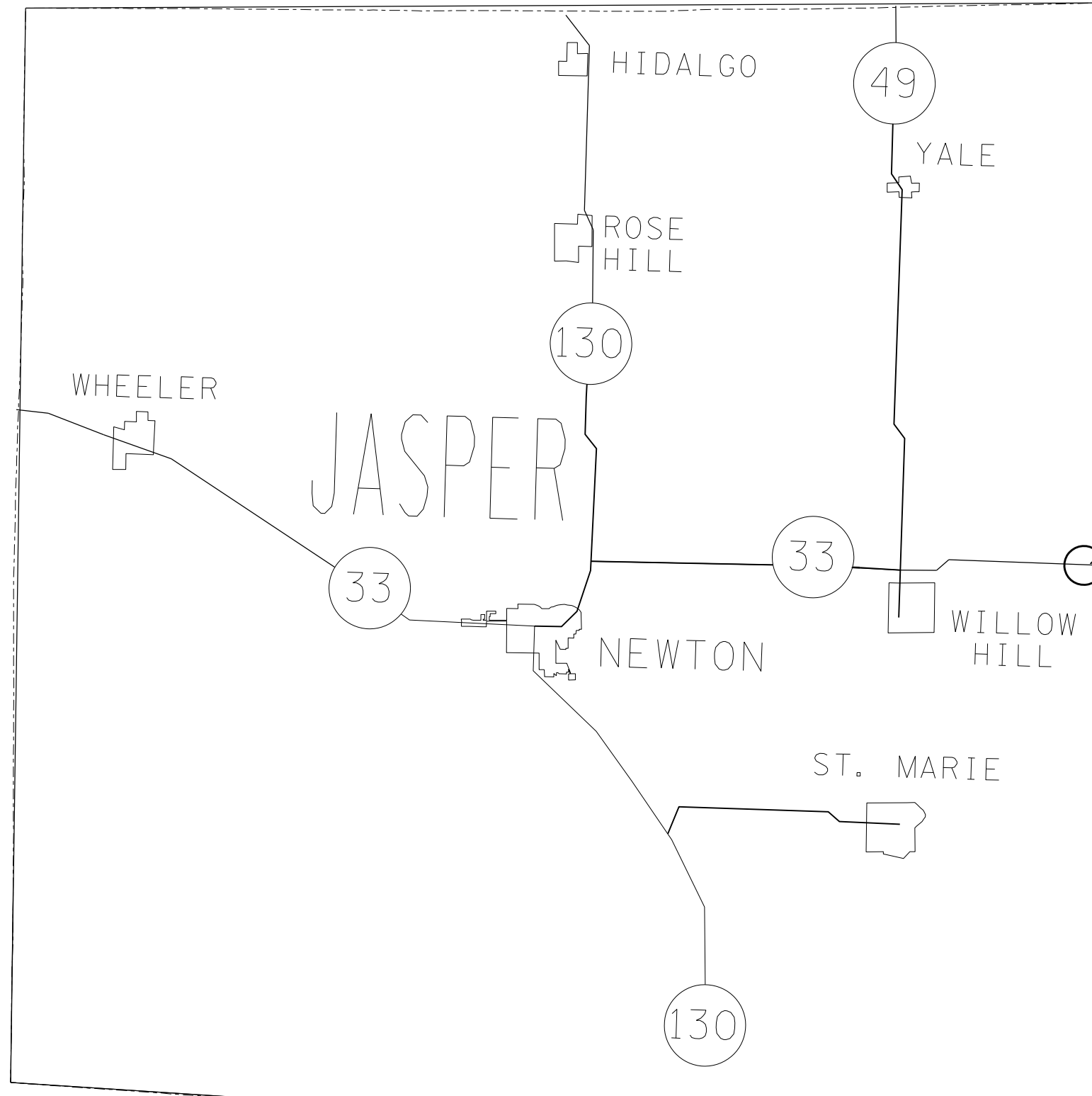
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED August 12 2021
Jeffrey P. Myerka
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 10 2021
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

December 10 2021
Stephen M. Smith
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS



PROJECT LOCATION
SN. 040-0017

MODEL: Default
 FILE NAME: p:\project-cw-beadefy.com\FW\DOT\Documents\DOT_offices\District_7\Project\74A67\CADD\DATA\CAD\PROJECTS\DOT\74A67-ep-locallr.dgn

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 577.1461' / in.	CHECKED -	REVISED -
PLOT DATE = 8/16/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

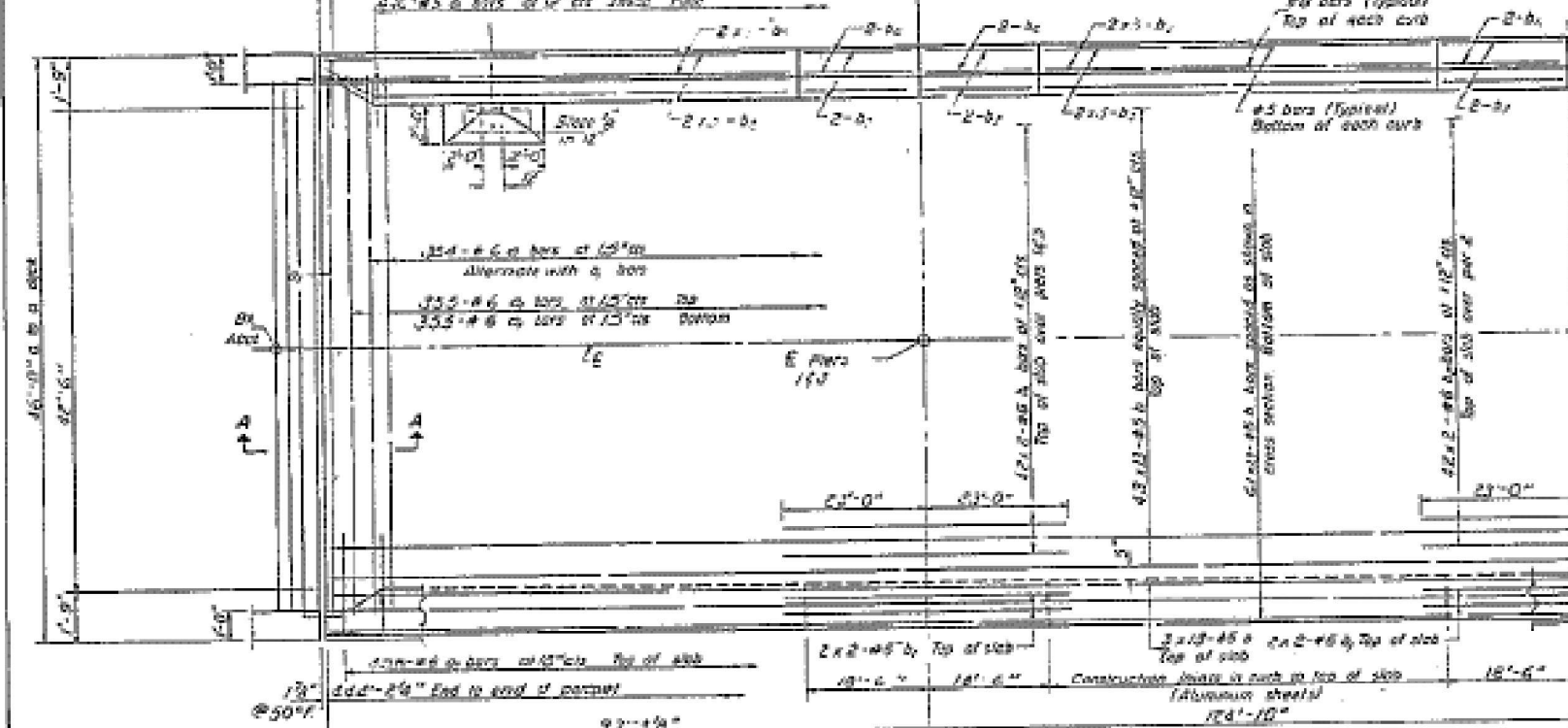
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	D7 BRIDGE PAINTING 2022-2	JASPER	7	4
			CONTRACT NO. 74A67	
ILLINOIS FED. AID PROJECT				

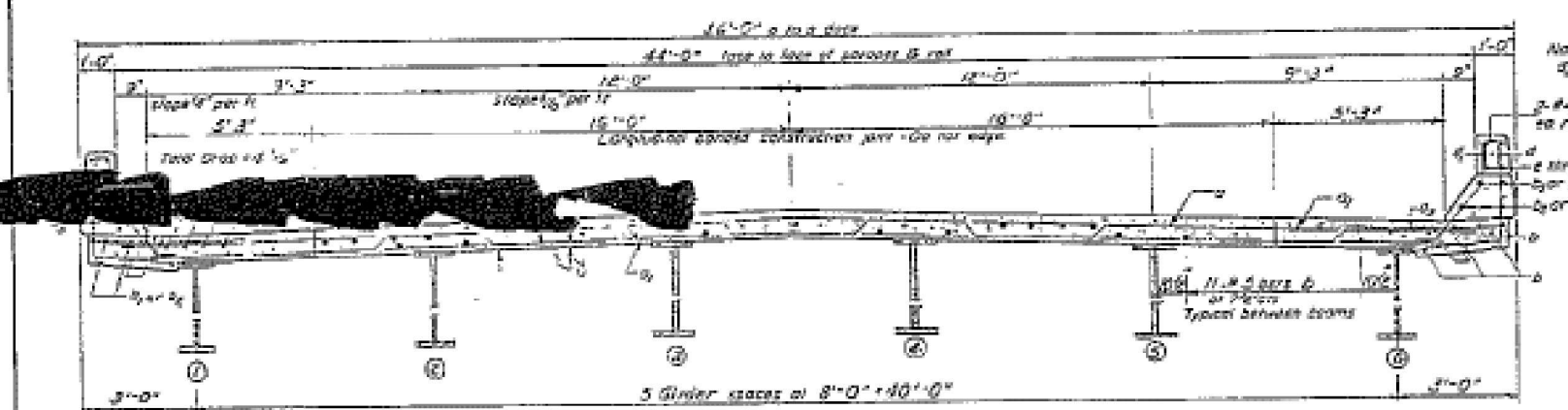
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	DATE	DESIGNED BY	CHECKED BY	DRAWN BY	SHEET NO.	TOTAL SHEETS
J83 SDR	JAN 2022	JASPER	JASPER		53	15

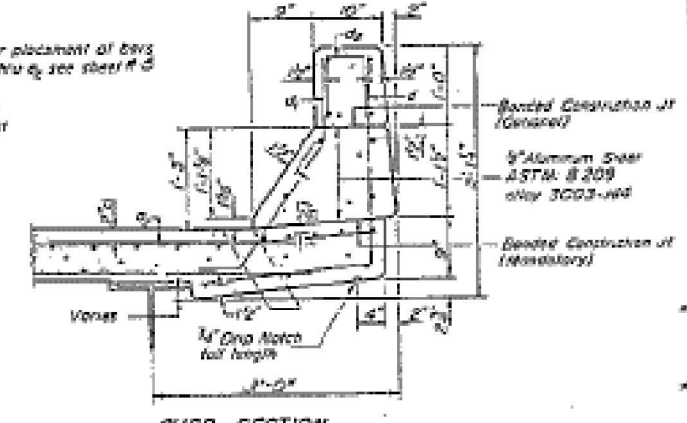
Note: Bars indicated this way 20 x 7-#5 etc. indicates 20' length of bars with 7 lengths per bay. Min. bar laps = 24" dia.



HALF PLAN



CROSS SECTION
LOOKING EAST



CURB SECTION
Cost of Aluminum Brackets and Steels shall be incidental to Class X Concrete

BILL OF MATERIAL

Qty	Size	Length	Weight
10	2-#5	48'-0"	
10	2-#6	48'-0"	
10	2-#7	48'-0"	
10	2-#8	48'-0"	
10	2-#9	48'-0"	
10	2-#10	48'-0"	
10	2-#11	48'-0"	
10	2-#12	48'-0"	
10	2-#13	48'-0"	
10	2-#14	48'-0"	
10	2-#15	48'-0"	
10	2-#16	48'-0"	
10	2-#17	48'-0"	
10	2-#18	48'-0"	
10	2-#19	48'-0"	
10	2-#20	48'-0"	
10	2-#21	48'-0"	
10	2-#22	48'-0"	
10	2-#23	48'-0"	
10	2-#24	48'-0"	
10	2-#25	48'-0"	
10	2-#26	48'-0"	
10	2-#27	48'-0"	
10	2-#28	48'-0"	
10	2-#29	48'-0"	
10	2-#30	48'-0"	
10	2-#31	48'-0"	
10	2-#32	48'-0"	
10	2-#33	48'-0"	
10	2-#34	48'-0"	
10	2-#35	48'-0"	
10	2-#36	48'-0"	
10	2-#37	48'-0"	
10	2-#38	48'-0"	
10	2-#39	48'-0"	
10	2-#40	48'-0"	
10	2-#41	48'-0"	
10	2-#42	48'-0"	
10	2-#43	48'-0"	
10	2-#44	48'-0"	
10	2-#45	48'-0"	
10	2-#46	48'-0"	
10	2-#47	48'-0"	
10	2-#48	48'-0"	
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10	2-#52	48'-0"	
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10	2-#64	48'-0"	
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10	2-#67	48'-0"	
10	2-#68	48'-0"	
10	2-#69	48'-0"	
10	2-#70	48'-0"	
10	2-#71	48'-0"	
10	2-#72	48'-0"	
10	2-#73	48'-0"	
10	2-#74	48'-0"	
10	2-#75	48'-0"	
10	2-#76	48'-0"	
10	2-#77	48'-0"	
10	2-#78	48'-0"	
10	2-#79	48'-0"	
10	2-#80	48'-0"	
10	2-#81	48'-0"	
10	2-#82	48'-0"	
10	2-#83	48'-0"	
10	2-#84	48'-0"	
10	2-#85	48'-0"	
10	2-#86	48'-0"	
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10	2-#88	48'-0"	
10	2-#89	48'-0"	
10	2-#90	48'-0"	
10	2-#91	48'-0"	
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10	2-#93	48'-0"	
10	2-#94	48'-0"	
10	2-#95	48'-0"	
10	2-#96	48'-0"	
10	2-#97	48'-0"	
10	2-#98	48'-0"	
10	2-#99	48'-0"	
10	2-#100	48'-0"	

DESIGNED: John Hays
CHECKED: [Signature]
DRAWN: [Signature]
DATE: 8/16/2021

DESIGNED: John Hays
CHECKED: [Signature]
DRAWN: [Signature]
DATE: 8/16/2021



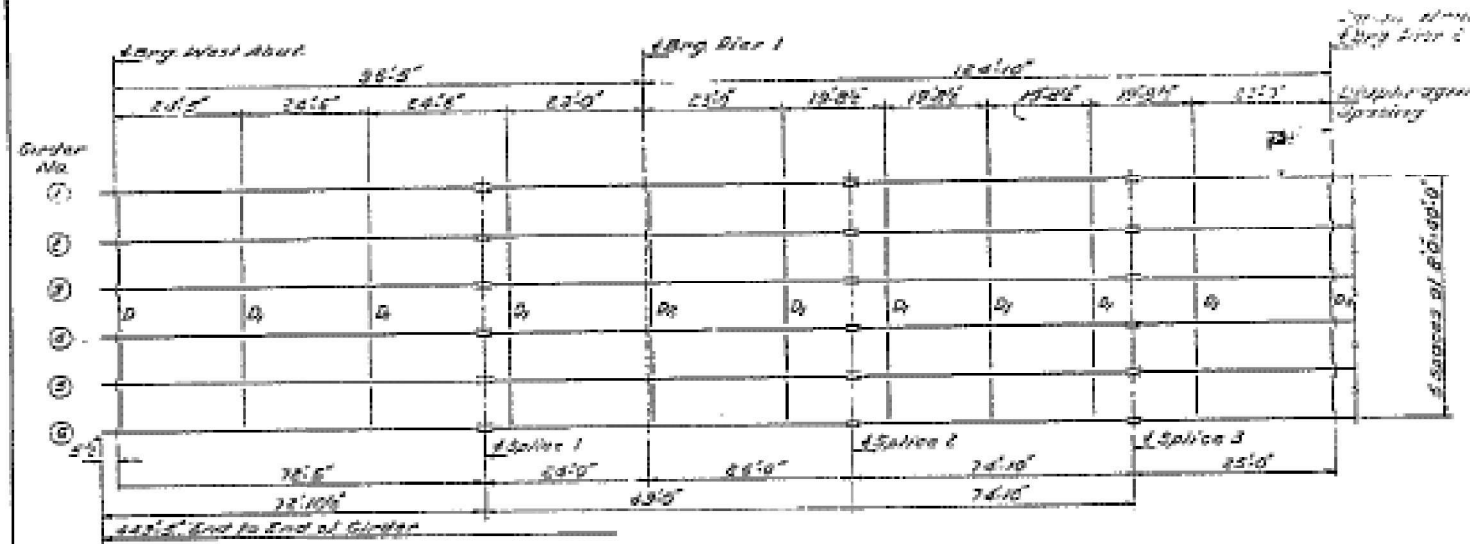
SUPERSTRUCTURE
SAT BY 31 SEC. 3.3B
JASPER & CRAWFORD COUNTIES
STATION 662+30

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

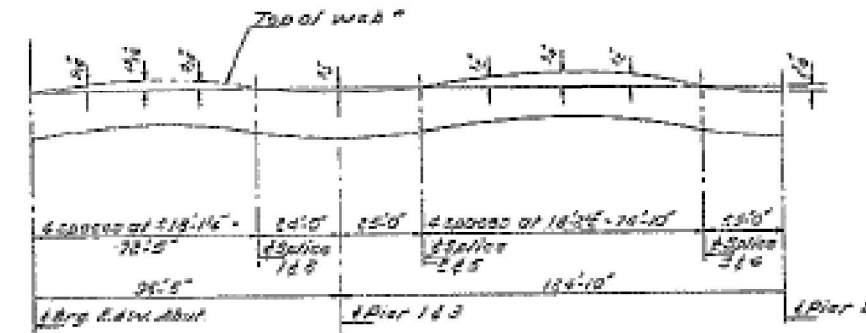
EXISTING STRUCTURE PLANS

USER NAME = steffenk	DESIGNED -	REVISED -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -	781	D7 BRIDGE PAINTING 2022-2	JASPER	7	6
PLOT SCALE = 2434.8350' / in.	CHECKED -	REVISED -	CONTRACT NO. 74A67				
PLOT DATE = 8/16/2021	DATE -	REVISED -	ILLINOIS FED. AID PROJECT				

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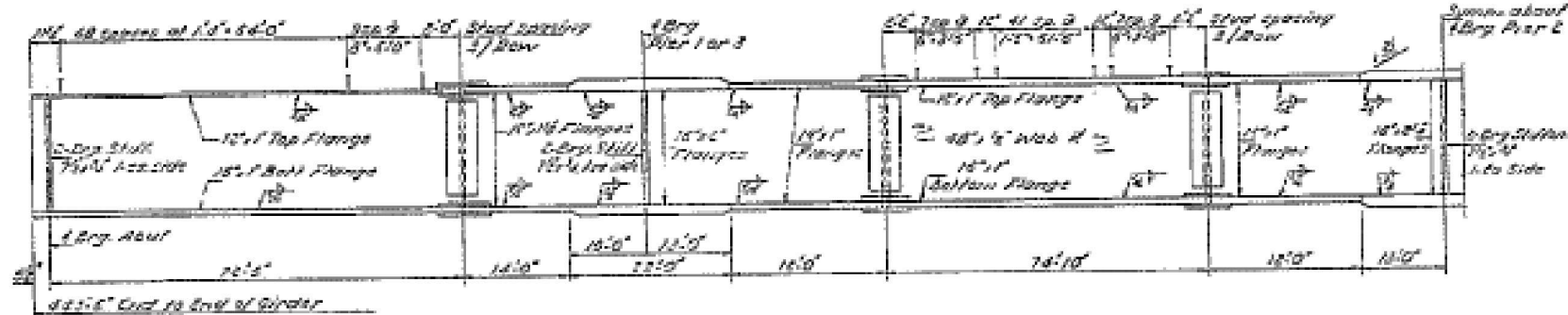


HALF FRAMING PLAN

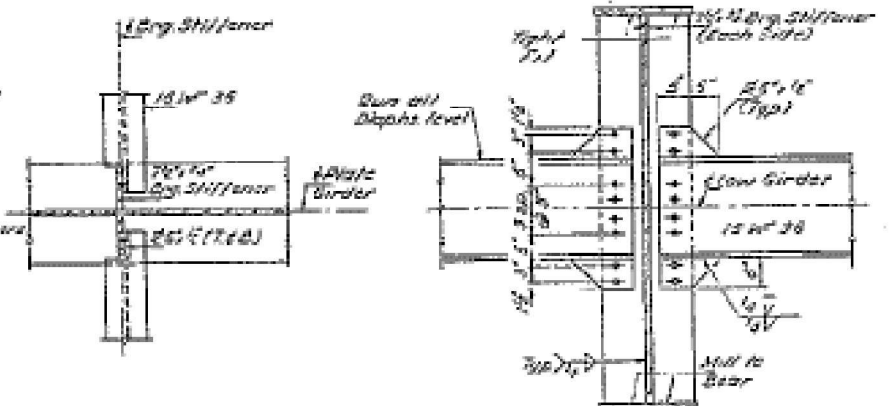


GAMBER DIAGRAM

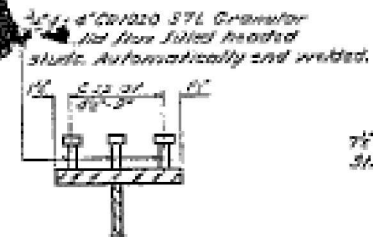
*For Top of web Elevations of Splices & Bearings, see profile on this sheet



HALF GIRDER ELEVATION
(For splice detail see sheet "1")



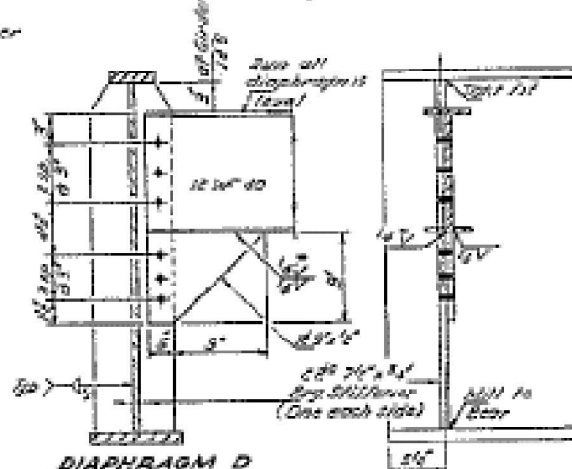
DIAPHRAGM D2
No. Req'd 15



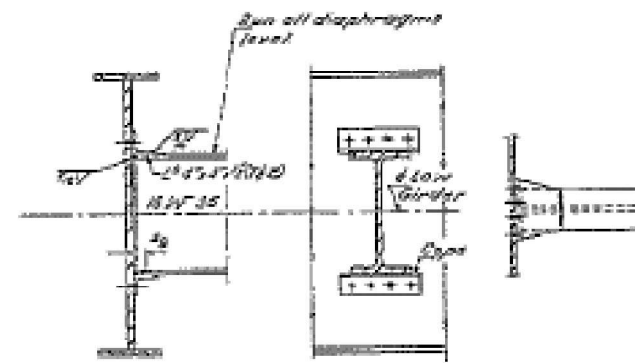
SHEAR CONNECTORS
No. Req'd 4776

DESIGNED	J.L. Steffen
CHECKED	R. Williams
DRAWN	M.S.
CHECKED	C.M.

DESIGNED	R. Williams
CHECKED	R. Williams
DRAWN	M.S.
CHECKED	C.M.



DIAPHRAGM D1
No. Req'd 10



DIAPHRAGM D2
No. Req'd 20

TOP OF WEB ELEVATIONS
For fabrication only

Location	Station	120	240	360
Long West Abut	487.28	487.23	487.20	487.20
Splice 1	487.23	487.21	487.20	487.20
Long Pier 1	487.19	487.19	487.20	487.20
Splice 2	487.25	487.21	487.20	487.20
Splice 3	487.18	487.24	487.27	487.27
Long Pier 2	487.05	487.22	487.24	487.24
Splice 4	487.20	487.26	487.29	487.29
Splice 5	486.23	487.10	487.22	487.22
Long Pier 3	486.20	486.21	487.00	487.00
Splice 6	486.20	486.22	487.00	487.00
Long East Abut	486.53	486.20	487.00	487.00

STRUCTURAL STEEL DETAILS
S&P RT. 33 SEC. 30R
JASPER & CRAWFORD COUNTIES
STATION 662+30