

CONTRACT NO. 72A29

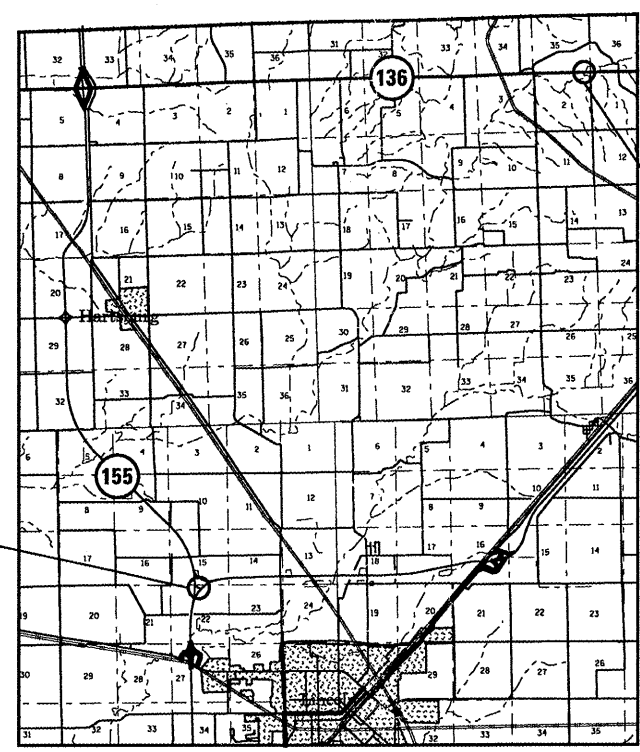
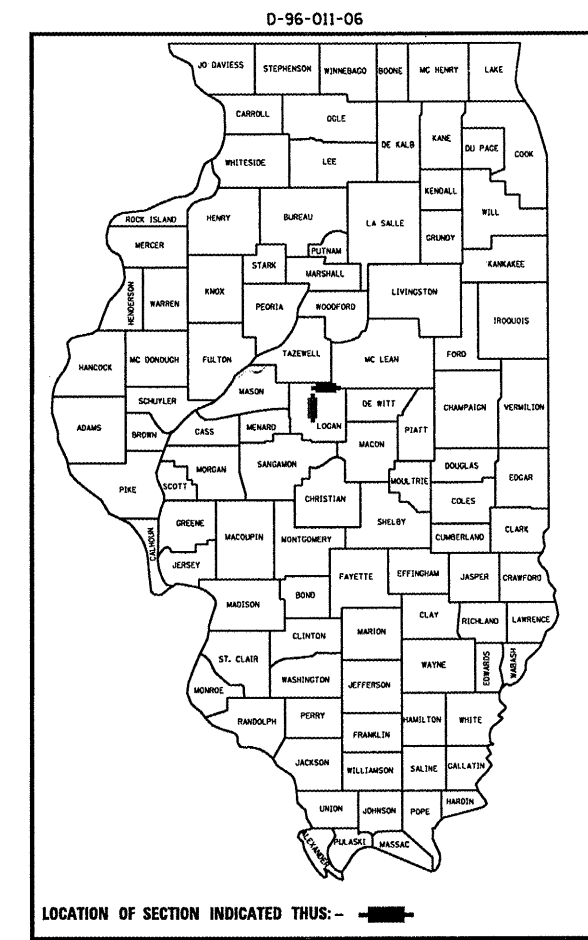
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BRIDGE PAINTING 2007	LOGAN	11	1

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION - D-6 BRIDGE PAINTING 2007  
PROJECT C-96-014-06  
LOGAN COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2



NET LENGTH OF SECTION: 771' = 0.15 MI

OPERATIONS DESIGN & PLANNING ENGINEER  
CECIL DOWNING - (217) 785-4036

BRIDGE INSPECTION ENGINEER  
DAVE COPENBARGER - (217) 785-5306

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

CONTRACT NO. 72A29

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED March 24, 2006  
Cliff M. Reed  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 12, 2006  
Mike Stone  
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2006  
Milton R. Sees, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX, GENERAL NOTES, & SIGNATURES
- 3 SUMMARY OF QUANTITIES
- 4-11 EXISTING STRUCTURE PLANS

**STANDARDS**

- 701006-02
- 701101-01
- 701106-01
- 701201-02
- 701301-03
- 701400-02
- 701402-05
- 701406-04
- 701411-03
- 702001-06

**GENERAL NOTES**

**BRIDGE NO. 1 (SN 054-0051)**

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS 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 - OZE/U. THE COLOR OF THE FINAL FINISH COAT FOR EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE INTERSTATE GREEN, MUNSELL NO 7.5G 48. THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE GRAY, MUNSELL NO 5B 71.

**BRIDGE NO. 2 (SN-054-0027)**

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL STRUCTURAL STEEL LOCATED 5' FROM ALL EXPANSION JOINTS SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING - SSPC-SP10. ALL EXISTING STEEL LOCATED 5' FROM EXPANSION JOINTS SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - OZE/U. THE COLOR OF THE FINAL FINISH COAT FOR EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE INTERSTATE GREEN, MUNSELL NO 7.5G 48.

THE SSPC QP1 & QP2 PAINTING CONTRACTOR CERTIFICATION WILL NOT BE REQUIRED FOR THIS PROJECT.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	March 13 20 06 <i>[Signature]</i> ENGINEER OF OPERATIONS
EXAMINED	March 15 20 06 <i>[Signature]</i> ENGINEER OF PROGRAM IMPLEMENTATION
EXAMINED	March 21 20 06 <i>[Signature]</i> ENGINEER OF PROGRAM DEVELOPMENT

C-96-014-06  
INDEX, GENERAL  
NOTES, & SIGNATURES

Rev.

SUMMARY OF QUANTITIES				RURAL 100% STATE
ITEM #	DESCRIPTION	UNIT	QUANTITY	SFTY-2A
X0324401	PORTABLE TEMPORARY BARRIER SYSTEM, TEST LEVEL 3	FOOT	500	500
X0324402	RELOCATE PORTABLE TEMPORARY BARRIER SYSTEM, TEST LEVEL 3	FOOT	500	500
X7011420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	L SUM	1	1
50600600	CLEANING AND PAINTING STEEL BRIDGE, NO. 1	L SUM	1	1
50600700	CLEANING AND PAINTING STEEL BRIDGE, NO. 2	L SUM	1	1
50606400	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1	1
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	L SUM	1	1

C-96-014-06  
SUMMARY OF QUANTITIES

Rev.

B.M. is cut on S.W. Wingwall Sugar Creek Bridge, Sta. 152 Elev. 606.82  
Existing Structure: Built as SA 119 Sec. 118 BR Sta. 166+03  
in 1937. Superstructure: RC Deck with 30" x 108" Beams  
Substructure: 15 RC Piers on 15 Conc. piles and Pier Bents  
on 15 Conc. piles.  
Superstructure to be removed by bridge Contractor - no salvages.  
Temporary structure to furnish 600' waterway opening.  
HS20 loading - by bridge Contractor.

STATE OF ILLINOIS

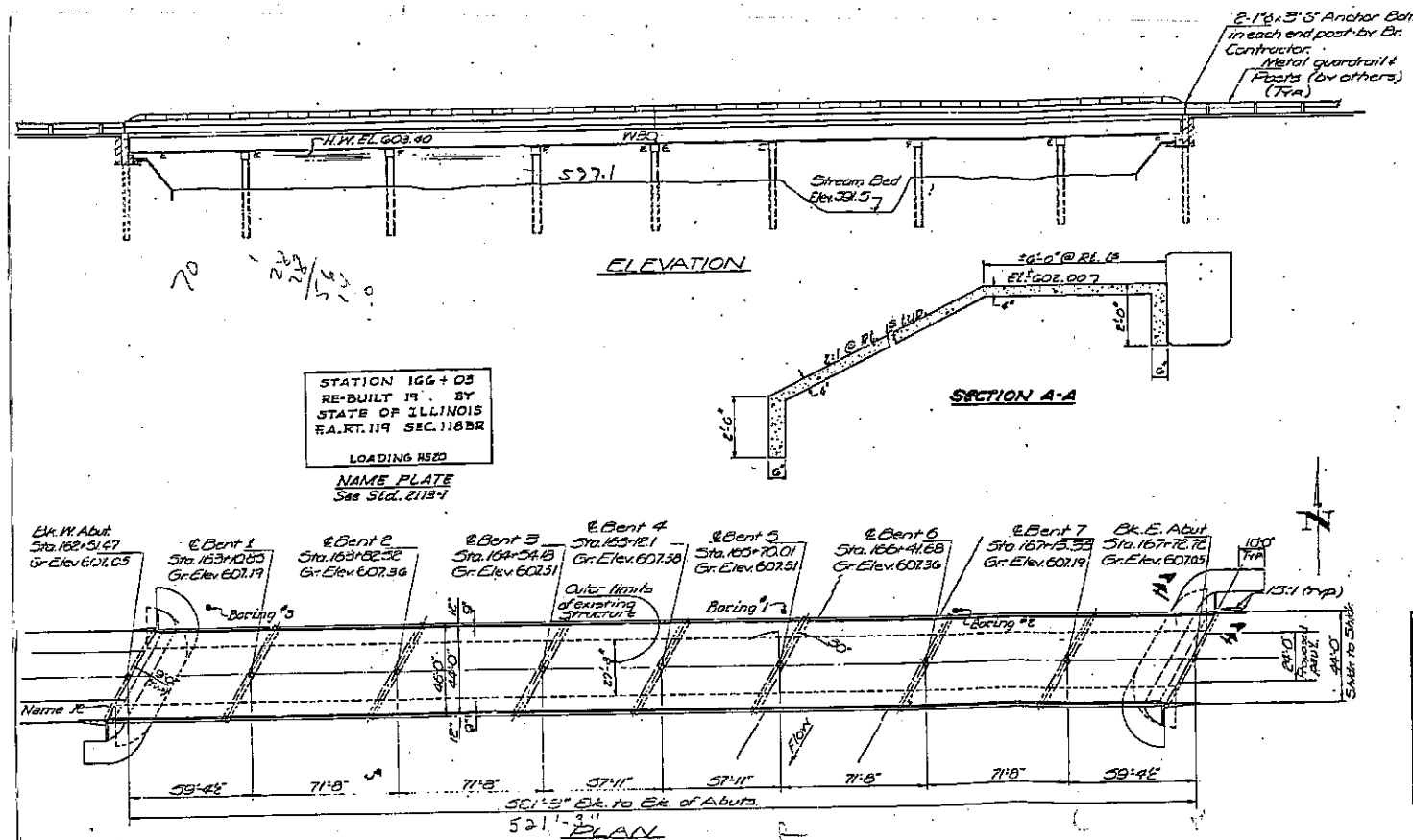
NO.	DATE	BY	REVISION
1	11/11/88	LOGAN	65 23

SHEET NO. 1  
15 SHEETS

**GENERAL NOTES**  
All reinforcement bars shall be lapped 24 diameters unless otherwise shown.  
Fasteners shall be high strength bolts. Bolts 3/4" open holes 1/2", unless otherwise noted.  
Calculated weight of structural steel = 581,900 lbs.  
The basic lead silico chromate paint system shall be used for shop & field painting of structural steel.  
Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports.  
Field welding in other areas will be permitted only when approved by the Engineer.  
Anchor bolts shall be set before bolting diaphragms over supports.  
Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, weighing 58 lbs. per 100 sq. ft.  
Layout of slope wall may be varied in the field to suit ground conditions as directed by the Engineer.  
The Contractor shall drive 2 concrete test piles. One each in permanent locations at pier bent 2 and East abutment, as directed by the Engineer before ordering the remainder of piles.

It shall be the responsibility of the Contractor to verify all dimensions & conditions existing in the field prior to construction & ordering of materials.

The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of class X concrete, except the aggregates shall conform to the requirements of handrail concrete.  
Expansion bolts shall consist of self-drilling expansion anchors @ 3/4" x 12" hooked bolts.



STATION 166+03  
RE-BUILT IN 1988  
BY  
STATE OF ILLINOIS  
FA. RT. 119 SEC. 118 BR  
LOADING HS20  
NAME PLATE  
See S.D. 2118-1

**TOTAL BILL OF MATERIAL**

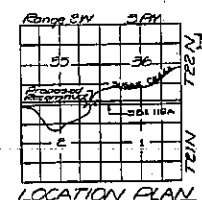
ITEM	UNIT	SUB.	SUPER.	TOTAL
Removal of Existing Superstructure	Each			1
Concrete Removal	Cu. Yds.			12.6
Expansion Bolts (3/4")	Each	126		126
Structure Elevation	Cu. Yds.	135		135
Protective Coat	Sq. Yds.		2,850	2,850
Class X Concrete	Cu. Yds.	68.6	670.6	739.0
Structural Steel	Welded Wire Mesh		1	1
Slud. Shear Connectors	Each		2,728	2,728
Aluminum Railing	Lbs.		1,034	1,034
Reinforcement Bars	Lbs.	6,780	173,770	180,550
Concrete Piles	Lbs.	927		927
Test Piles (Concrete)	Each	2		2
Name Plate	Each			1
Slope Wall (4")	Sq. Yds.	374		374
Temporary Bridge Complete	Each			1
Neoprene Expansion Joint (2")	Lbs.		104	104
Neoprene Expansion Joint (4")	Lbs.		33	33

**DESIGN STRESSES**

Fc = 1200 psi (Super) Deck Slab  
Fc = 1400 psi Sub. Curd. Formwork  
Fs = 20000 psi (Main R)  
Fs = 20000 psi (Structural)  
vc = 75 psi (1 1/2")  
n = 10  
Design Specifications 1969 AASHTO  
(as applicable)

**WATERWAY INFORMATION**

Drainage Area: 16700 Acres  
Character: Rolling wooded cultivated  
Present Opening: 2650 Sq. Ft.  
Road Opening: 2650 Sq. Ft.  
Proposed Opening: 2650 Sq. Ft.  
Q(50) 7400 cfs



GENERAL PLAN and ELEVATION  
FA. 119 OVER SUGAR CREEK  
FA. RT. 119 SEC. 118 BR  
LOGAN COUNTY  
STA. 166+03

DESIGNED: Charles Johnson  
CHECKED: W. J. Johnson  
DRAWN: FERRANDO  
CHECKED: W. J. Johnson

APPROVED: AUGUST 5, 1971  
FRANCOIS  
PASSED: H. G. [Signature]  
DATE: [Signature]

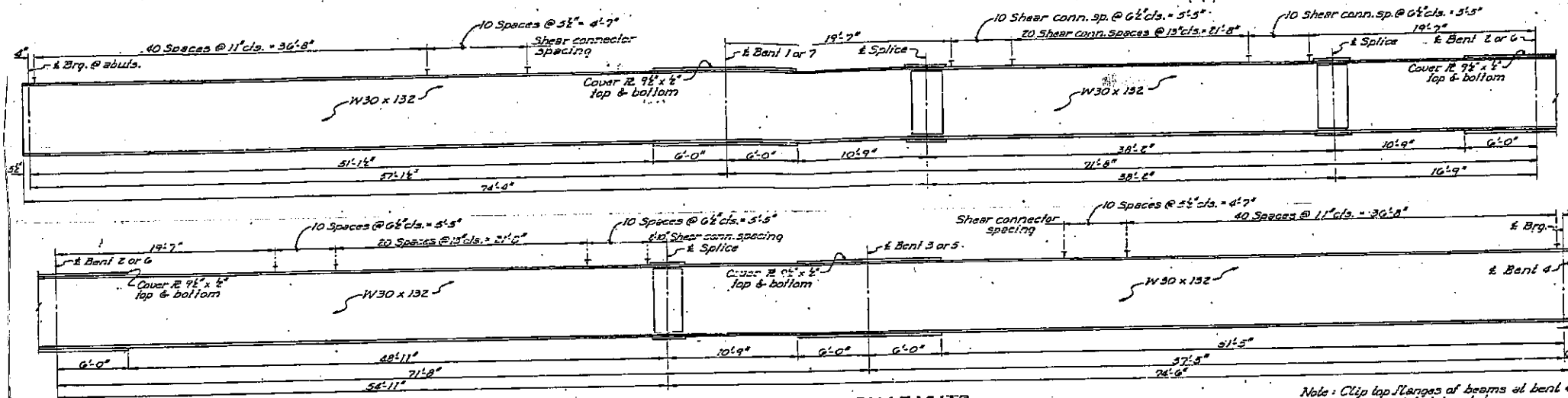
LOADING HS20-44

SN 054-0027  
EXISTING BRIDGE PLANS  
FOR INFORMATION ONLY  
(NOT TO SCALE)

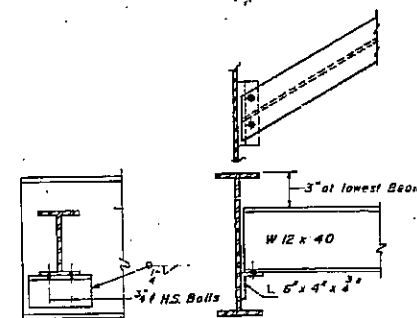


STATE OF ILLINOIS

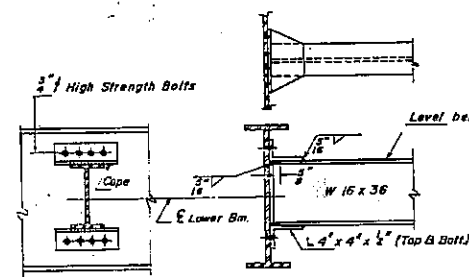
DESIGNED BY	CHECKED BY	DRAWN BY	DATE	SHEET NO.	TOTAL SHEETS
IBDL	LOGAN	AS	33	11	15



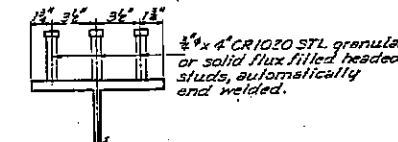
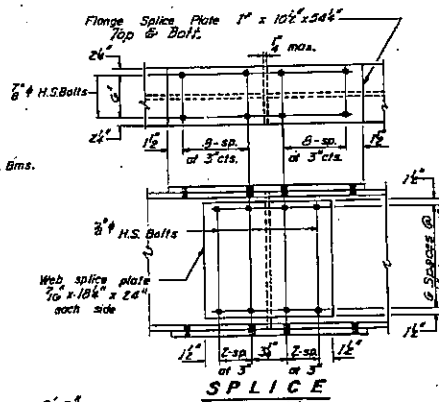
BEAM ELEVATIONS



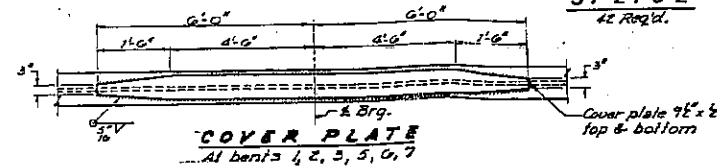
DIAPHRAGM D  
24 Required



DIAPHRAGM D1  
132 Required



SHEAR CONNECTOR  
1,104 Req'd. per beam



COVER PLATE  
At bents 2, 3, 5, 6, 7

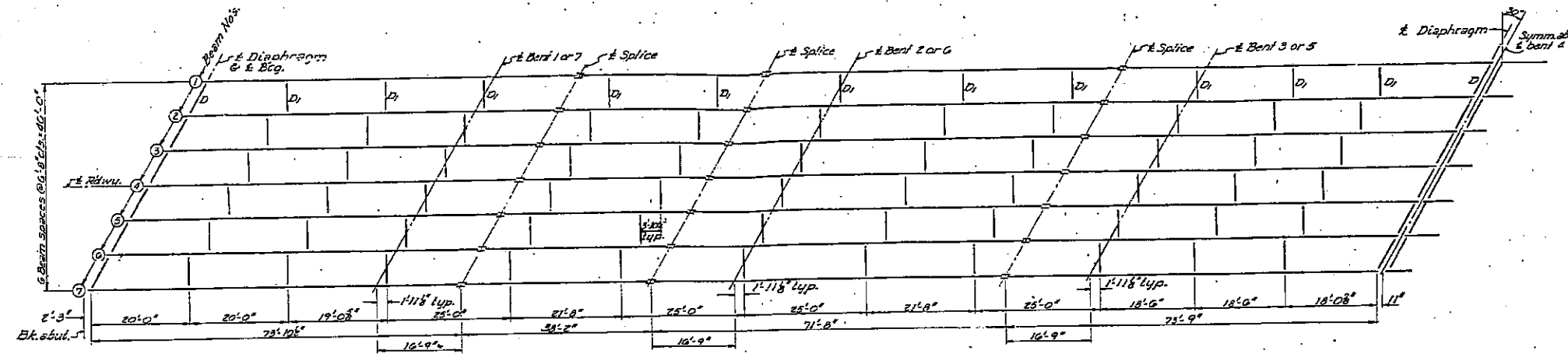
STRUCTURAL STEEL  
CALCULATED BY ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DESIGNED BY	CHARLES PHILIP	EXAMINED BY	ALICE S. 1011
CHECKED BY	ROBERT J. JENSEN	PASSED BY	W. J. JENSEN
DRAWN BY	J. SCHNEIDER	APPROVED BY	C. H. HOFFMAN
CHECKED BY	ROBERT J. JENSEN		

I-2-D 9-1-65, 8-1-70

SN 054-0027  
EXISTING BRIDGE PLANS  
FOR INFORMATION ONLY  
(NOT TO SCALE)

DATE	BY	NO.	REVISION
11/17	UBER	LOGAN	45 32
SHEET NO. 10			
15 SHEETS			



\*TOP OF BEAM ELEVATIONS

	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	B <sub>4</sub>	B <sub>5</sub>	B <sub>6</sub>	B <sub>7</sub>
W. Abut.	606.10	606.23	606.33	606.43	606.51	606.19	606.05
Bent 1	606.15	606.31	606.42	606.52	606.40	606.28	606.13
.23 Span 2	606.21	606.34	606.44	606.54	606.42	606.30	606.15
.77 Span 2	606.32	606.45	606.55	606.64	606.53	606.41	606.26
Bent 2	606.36	606.49	606.59	606.68	606.57	606.45	606.30
.77 Span 3	606.47	606.60	606.70	606.80	606.69	606.57	606.42
Bent 3	606.50	606.63	606.73	606.84	606.72	606.61	606.46
Bent 4	606.58	606.73	606.84	606.95	606.84	606.73	606.58
Bent 5	606.46	606.61	606.72	606.84	606.73	606.63	606.50
.23 Span 6	606.42	606.57	606.69	606.80	606.70	606.60	606.47
Bent 6	606.30	606.45	606.57	606.68	606.59	606.49	606.36
.23 Span 7	606.26	606.41	606.53	606.64	606.55	606.45	606.32
.77 Span 7	606.15	606.30	606.42	606.54	606.44	606.34	606.21
Bent 7	606.13	606.28	606.41	606.52	606.41	606.31	606.18
E. Abut.	606.03	606.19	606.31	606.43	606.53	606.23	606.10

\*For fabrication only

\*\*EXISTING BENT SEAT ELEVATIONS

	B <sub>2</sub>	B <sub>3</sub>	B <sub>4</sub>	B <sub>5</sub>	B <sub>6</sub>
W. Abut.		603.02	603.01	603.00	
Bent 1	602.58	602.59	602.60	602.61	602.62
Bent 2	603.52	603.52	603.53	603.53	603.54
Bent 3	602.83	602.84	602.85	602.86	602.87
Bent 4	603.43	603.43	603.43	603.43	603.43
Bent 5	602.83	602.84	602.84	602.85	602.85
Bent 6	603.53	603.54	603.54	603.53	603.52
Bent 7	602.60	602.62	602.63	602.64	602.63
E. Abut.		603.00	603.01	603.02	

\*\*These elevations are to be verified by the contractor in the field before ordering the shim plates on sheet #7. Should the actual elevations vary from those shown above, the difference shall be adjusted in the thickness of the shims. No additional compensation for shim adjustments.

DESIGNED *Clark P. Shaw*  
CHECKED *Robert J. Jensen*  
DRAWN *J. Mullerix*  
CHECKED *Robert J. Jensen*

EXAMINED *Aug 5 1911*  
PASSED *W. C. ...*  
APPROVED *...*

STRUCTURAL STEEL  
FRAMING PLAN  
LA 1011 58 1182  
LOGAN 45 32  
11/17/09 11:24:28

SN 054-0027  
EXISTING BRIDGE PLANS  
FOR INFORMATION ONLY  
(NOT TO SCALE)

N. NO. 27, 6" BOAT SPIKE IN ROUGH LEAF HACKBERRY  
10' LT. STA. 16+73.0, L. ROWY. "C", ELEV. 571.873  
OTE: No Deck Posts Will be Permitted On The Structure

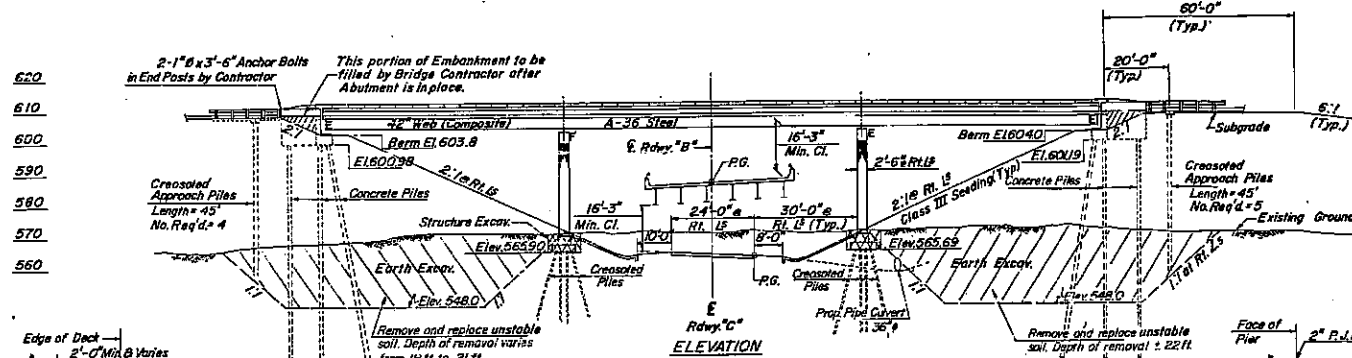
CURVE DATA  
(Ramp "D")  
P.I. STA. 16+87.71  
Δ = 110°-21'-03"  
D = 6°-30"  
R = 681.47'  
T = 1267.11'  
L = 1637.70'  
E = 562.08'  
S.E. = 0.078 V.  
P.C. STA. 16+20.60  
P.T. STA. 16+18.30

054-0051

NO.	SECTION	REMARKS	TOTAL SHEETS	SHEET NO.
1	1-11-55	54-4HB	LOGAN	22
2	1-11-55	54-4HB	LOGAN	23

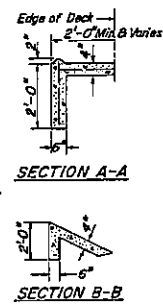
GENERAL NOTES

All reinforcement bars shall be lapped 24 diameters unless otherwise shown.  
Fasteners shall be high strength bolts. Bolts 5/8" #, open holes 1 1/8" # unless otherwise noted. Bolts 3/4" # open holes 1 1/8" # unless otherwise noted.  
Calculated weight of Structural Steel = 220,730 lbs.  
The Basic Lead Silico Chromate paint system shall be used for shop and field painting of structural steel.  
Anchor bolts shall be set before bolting diaphragms over supports. Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, weighing 58# per 100 sq. ft. (For Quantity, see Sheet #1 Bill of Material.)  
Concrete piles at abutments shall be driven in holes precast through the embankment in accordance with Article 513.09(k) of the Standard Specs. The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.  
The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of Class X Concrete, except the aggregates shall conform to the requirements of Handrail Concrete.  
Protective Coat shall not be applied to surfaces to which Coal Tar Interlayer Protective Coat is applied.  
Field welding of construction accessories will not be permitted to the bottom flange of beams and girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.  
The Contractor shall drive one concrete test pile in a permanent location at the West Abutment, and one Timber test pile in a permanent location at Pier 2 as directed by the Engineer before ordering the remainder of piles.



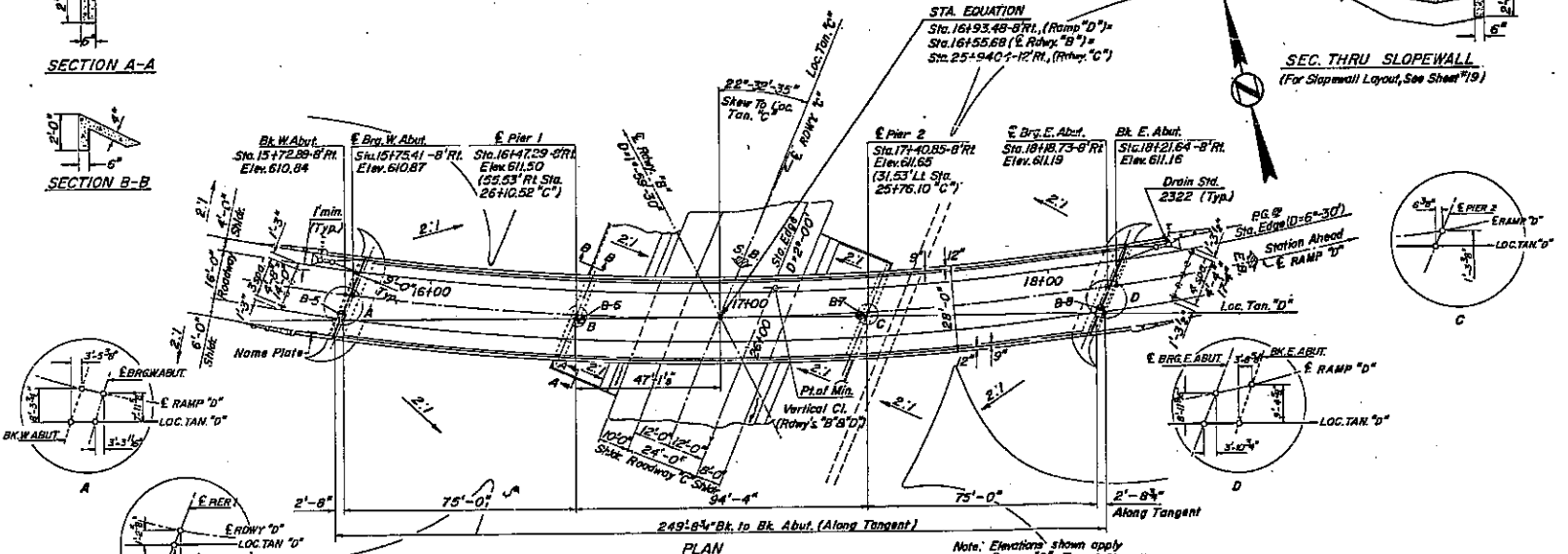
STATION 16+93.48 RAMP "D"  
BUILT BY  
STATE OF ILLINOIS  
F.A.I. RT. 55 SEC. 54-4HB  
LOADING HS20 & ALT.

NAME PLATE  
See Std. 2113



NOTE: For additional information on Earth Excavation and Porous Granular Embankment see Sheets #s B-10 of Roadway Plans & Special Provisions.

SEC. THRU SLOPEWALL  
(For Slope Wall Layout, See Sheet #19)



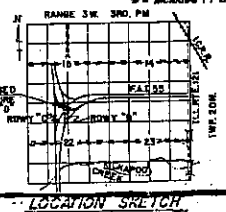
TOTAL BILL OF MATERIALS

ITEM	UNIT	SUPER	SUB	TOTAL
Structure Excavation	Cu. Yds.		170	170
Protective Coat	Sq. Yds.	215		215
Class X Concrete	Cu. Yds.	235.3	209.9	445.2
Structural Steel	Lump Sum			
Stud Shear Connectors	Each	2100		2100
Aluminum Railing	Lin. Ft.	546		546
Crossed Piles (Over 38')	Lin. Ft.		405	405
Concrete Piles	Lin. Ft.		1152	1152
Test Piles Concrete	Each		1	1
Test Piles Timber	Each		1	1
Crossed Piles (20' to 38')	Lin. Ft.		2130	2130
Coal Tar Interlayer Protective Coat	Sq. Yds.	674		674
Bituminous Conc. Sur. Cree. Class I	Tons	55		55
Preformed Joint Sealer	Lin. Ft.	30		30
Neoprene Expansion Joint (2'x')	Lin. Ft.	32		32
Name Plates	Each		1	1
Reinforcement Bars	Lbs.	55,500	35,370	90,870

\* Calculated weight of Structural = 220,730 lbs.  
\*\* Included in Sec. 54-4

FIELD UNITS  
fc = 1200 psi (Deck Slab)  
fc = 1400 psi (Other, Pavement & Sub)  
fs = 20,000 psi (Reinf.)  
fs = 20,000 psi (Struct.)  
vc = 75 psi (Fig.)  
n = 10

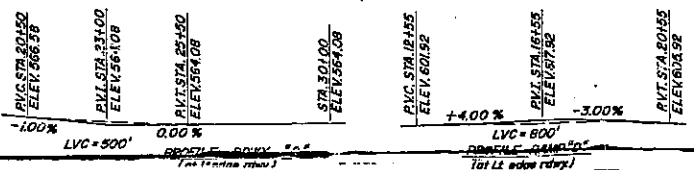
Allow 25% Se. Fl. for Initial Class I Surf.  
Allowable 4' Deflection L/1800 Comp.  
Design Specifications 1969 AASHTO (as applicable)  
Future W.S. = 25' / Sq. Ft.  
LOADING HS20-24 R. ALT.



054-0051

GENERAL PLAN & ELEVATION  
SUPPL. FREEWAY, E.B. (RAMP "D")  
OVER SUPPL. FREEWAY, N.B. (ROWY. "B")  
OVER F.A.I. RTE. 55, S.B. (ROWY. "C")  
LOGAN COUNTY SEC. 54-4HB  
STA. 16+93.48-BRT, RAMP "D"  
STA. 16+55.68 ROWY. "B"  
STA. 25+94.04-12' RT. ROWY. "C"

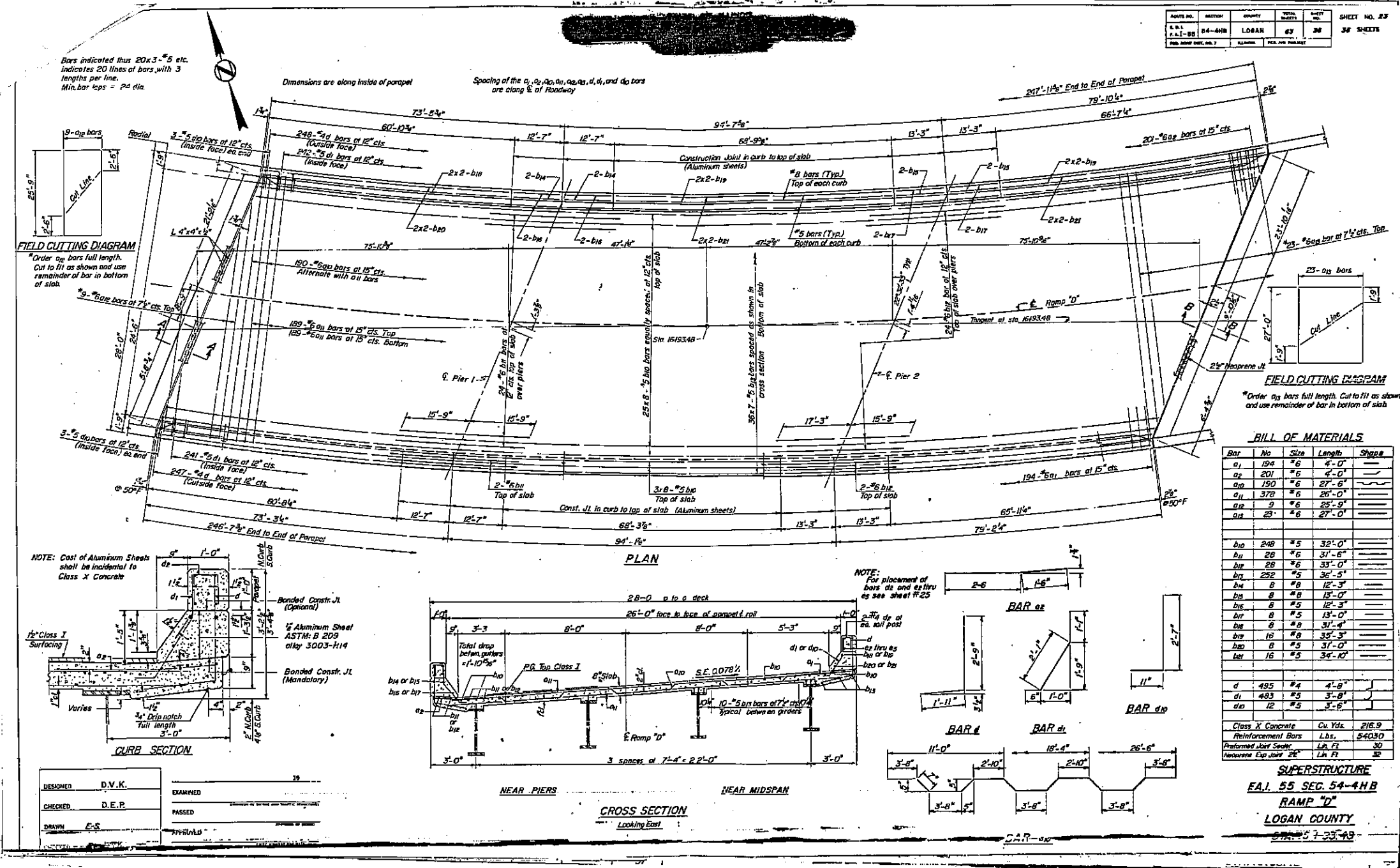
DESIGNED	D.V.K.	EXAMINED	19
CHECKED	G.E.P.	PASSED	
DRAWN	D.E.	APPROVED	



SN 054-0051  
EXISTING BRIDGE PLANS  
FOR INFORMATION ONLY  
(NOT TO SCALE)



DATE	BY	REVISION	TOTAL SHEETS	SHEET NO.	OF SHEETS
11-1-55	E.S.	54-4HB	63	38	38
11-1-55	E.S.	LOGAN	63	38	38
11-1-55	E.S.	LOGAN	63	38	38



**BILL OF MATERIALS**

Bar	No	Size	Length	Shape
$a_1$	184	#6	4'-0"	
$a_2$	201	#6	4'-0"	
$a_3$	150	#6	27'-6"	
$a_4$	372	#6	26'-0"	
$a_5$	9	#6	25'-9"	
$a_6$	23	#6	27'-0"	
$b_{10}$	248	#5	32'-0"	
$b_{11}$	28	#6	31'-6"	
$b_{12}$	28	#6	33'-0"	
$b_{13}$	252	#5	36'-5"	
$b_{14}$	8	#8	12'-3"	
$b_{15}$	8	#8	15'-0"	
$b_{16}$	8	#5	12'-3"	
$b_{17}$	8	#5	13'-0"	
$b_{18}$	8	#8	31'-4"	
$b_{19}$	16	#8	35'-3"	
$b_{20}$	8	#5	31'-0"	
$b_{21}$	16	#5	34'-10"	
$d$	495	#4	4'-8"	
$d_1$	483	#5	3'-8"	
$d_2$	12	#5	3'-6"	
Class X Concrete	Cu. Yds.	216.9		
Reinforcement Bars	Lbs.	54030		
Performed Slab Scaff.	Lb. Ft.	30		
Neoprene Exp. Joints	Lb. Ft.	32		

**SUPERSTRUCTURE**  
F.A.I. 55 SEC. 54-4HB  
RAMP "D"  
LOGAN COUNTY  
STA. 5+33.43

SN 054-0051  
EXISTING BRIDGE PLANS  
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(NOT TO SCALE)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET 10 OF 11  
CONTRACT 72A29

ROUTE NO.	SECTION	DESIGN	TOTAL SHEETS	SHEET NO.	SHEET NO. OF SHEETS
64-01B	LOGAN	23	38	38	38

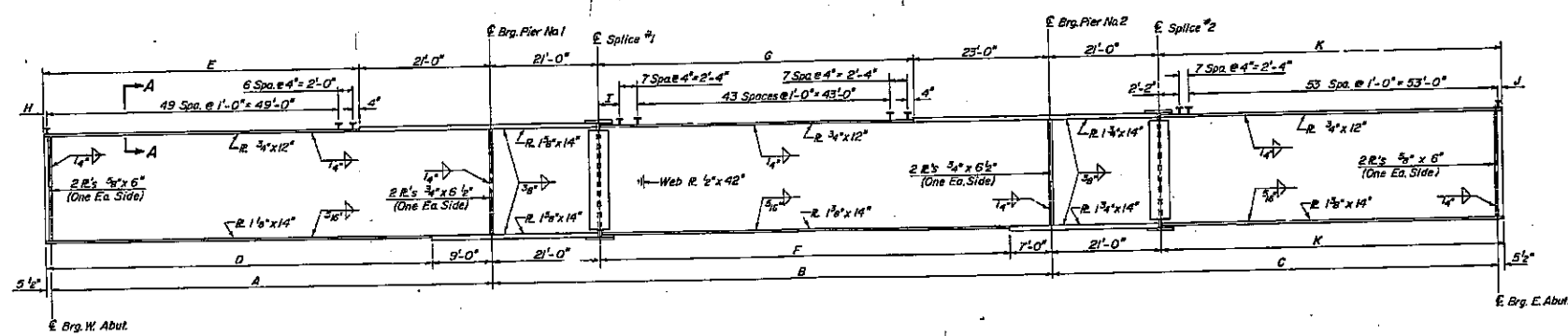
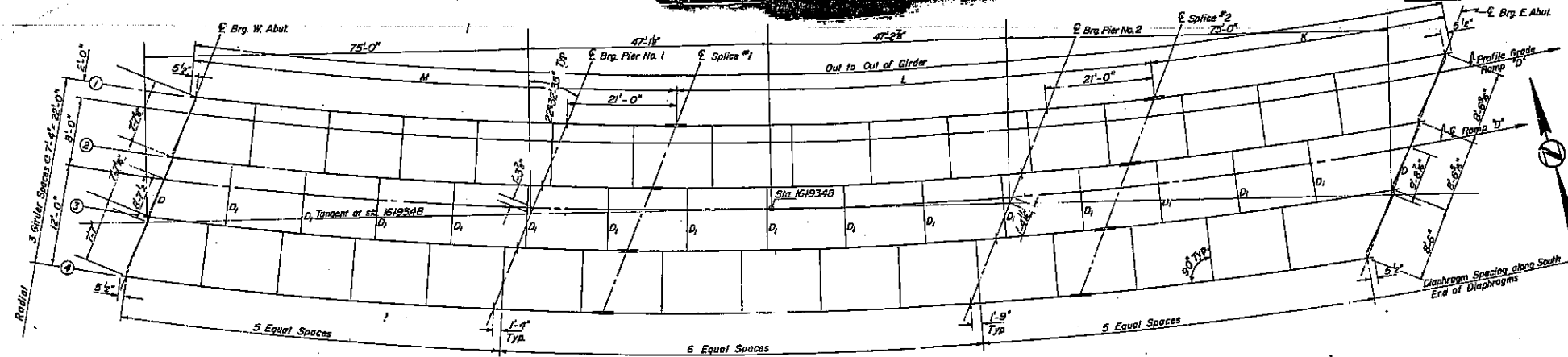


TABLE OF DIMENSIONS

	Girder 1	Girder 2	Girder 3	Girder 4
Radius	879.47'	886.80'	894.13'	901.47'
A	72'-7 1/2"	72'-6 3/4"	72'-6"	72'-5 1/2"
B	94'-7 1/2"	94'-5 3/4"	94'-3 1/2"	94'-2 1/4"
C	78'-10 3/4"	78'-7 3/4"	78'-5 1/4"	78'-3 1/2"
D	64'-0 1/2"	64'-0 1/2"	63'-11 1/2"	63'-10 3/4"
E	52'-0 1/2"	52'-0 1/2"	51'-11 1/2"	51'-10 3/4"
F	66'-7 1/2"	66'-5 3/4"	66'-3 1/4"	66'-2 1/4"
G	50'-7 1/2"	50'-5 3/4"	50'-3 1/4"	50'-2 1/4"
H	8 1/2"	8 3/4"	7 1/2"	6 3/4"
I	2'-7 1/2"	2'-5 1/4"	2'-3 1/4"	2'-2 1/4"
J	9 1/4"	7 3/4"	5 3/4"	3"
K	58'-3 3/4"	58'-1 1/2"	57'-11 3/4"	57'-9"
L	94'-7 1/2"	94'-5 3/4"	94'-3 1/2"	94'-2 1/4"
M	94'-0 1/2"	94'-0 1/2"	93'-11 1/2"	93'-10 3/4"

DESIGNED	D.V.K.	EXAMINED	
CHECKED	G.E.P.	FILED	
DRAWN	J.J.T.	APPROVED	

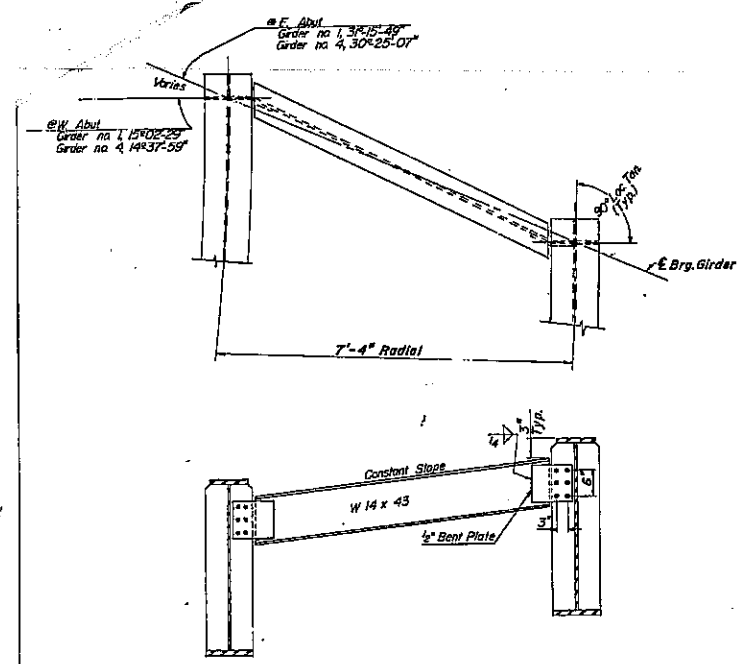
STRUCTURAL STEEL  
F.A.T.-55 SEC. 54-4HB  
RDWY. "D"  
LOGAN COUNTY  
STA. 16+93.48

SN 054-0051  
EXISTING BRIDGE PLANS  
FOR INFORMATION ONLY  
(NOT TO SCALE)

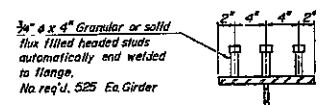
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET 11 OF 11  
CONTRACT 72A29

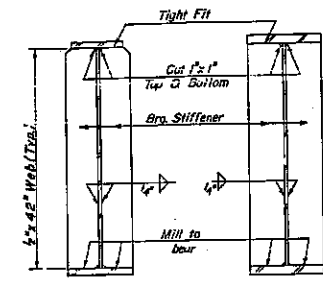
DATE	SECTION	QUANTITY	TOTAL QUANTITY	SHEET NO.	TOTAL SHEETS
8-1-55	B4-4HB	LOGAN	63	40	58 SHEETS
FILL ROAD DIST. NO. 1		ALUMINE			



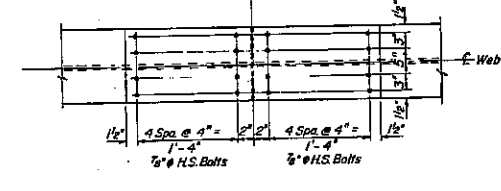
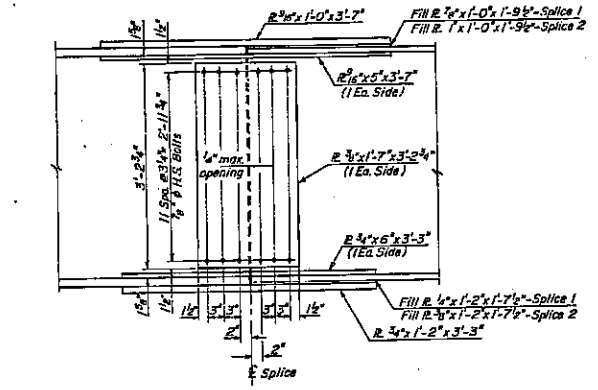
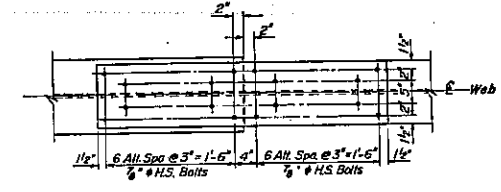
DIAPHRAGM D  
6 Req'd



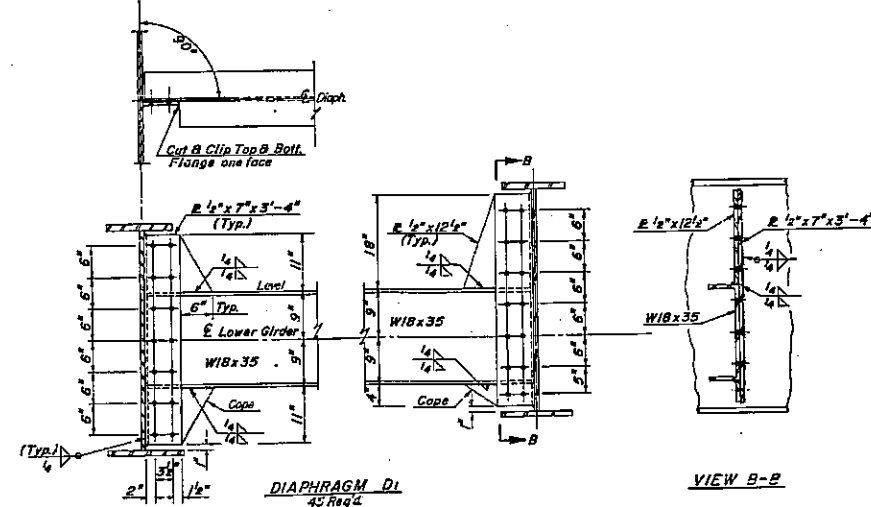
SECTION A-A



SECTION AT ABUTMENT SECTION AT PIER



SPLICE #1 B #2



DIAPHRAGM D1  
45 Req'd  
7/8" H.S. Bolts

VIEW B-B

DESIGNED	D.V.K.	EXAMINED	
CHECKED	G.E.P.	PASSED	
DRAWN	J.J.T.	APPROVED	

STRUCTURAL STEEL DETAILS  
FA. I-55 SEC. 54-4HB  
RDWY "D"  
LOGAN COUNTY  
STA. 16+93.48

LOGAN COUNTY  
STA. 16+93.48

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