

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HVB-2R-2-B-R	ST. CLAIR	27	1
		ILLINOIS	CONTRACT NO. 76J68	

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5 MAINTENANCE OF TRAFFIC PLAN & NOTES
- 6-8 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
- 9 MAINTENANCE OF TRAFFIC SCHEDULE
- 10-14 EXISTING RIGHT-OF-WAY PLANS (FOR INFORMATION ONLY)
- 15-27 STRUCTURE PLANS

**HIGHWAY STANDARDS**

000001-06	701428-01
001001-02	701456-04
001006	701501-06
701006-05	701901-06
701400-09	
701401-10	
701411-09	

**FUNCTIONAL CLASSIFICATIONS**

I-55/I-64 EB & WB CD LANES: INTERSTATE  
NB TUDOR-PIGGOTT RAMPS: INTERSTATE  
WB I-55/I-64 TUDOR RAMP: INTERSTATE

**TRAFFIC DATA**

I-55/I-64 EB CD LANES: 2015 ADT = 27,100  
2017 ADT = 27,600 (EST.)  
SU = 2.6%  
MU = 6.8%  
POSTED SPEED = 50 MPH

I-55/I-64 WB CD LANES: 2016 ADT = 15,500  
2017 ADT = 15,700 (EST.)  
SU = 3.1%  
MU = 7.7%  
POSTED SPEED = 50 MPH

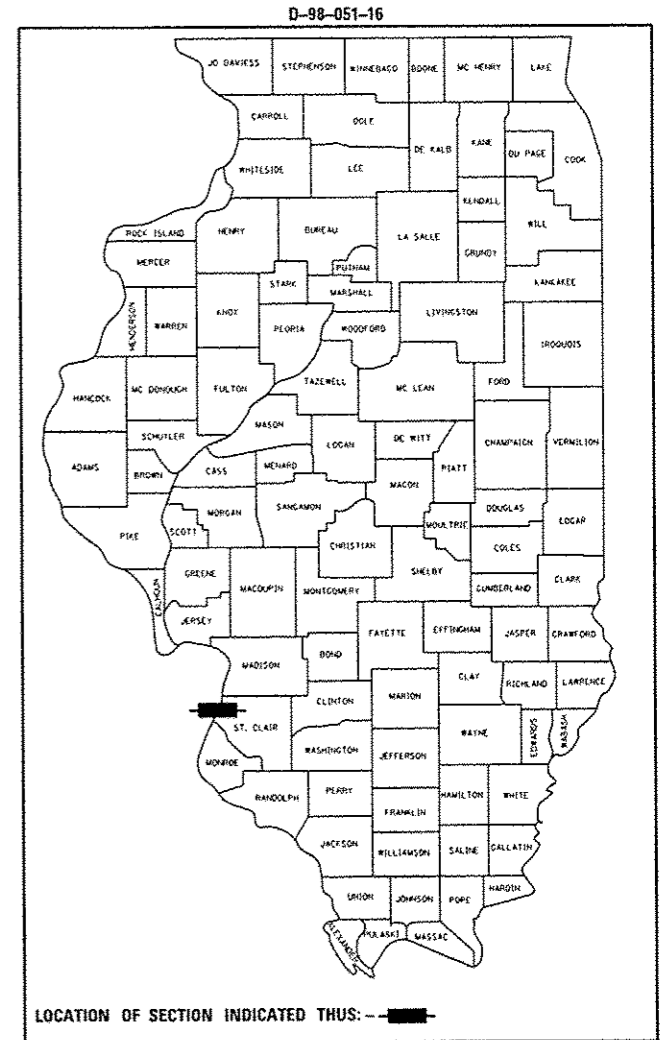
NB TUDOR-PIGGOTT RAMPS: 2015 ADT = 3,000 (EST.)  
2017 ADT = 3,100 (EST.)  
SU = 3.3%  
MU = 3.0%  
POSTED SPEED = 50 MPH

WB I-55/I-64 TUDOR RAMP: 2016 ADT = 1,100  
2017 ADT = 1,100 (EST.)  
SU = 3.4%  
MU = 2.1%  
POSTED SPEED = 50 MPH

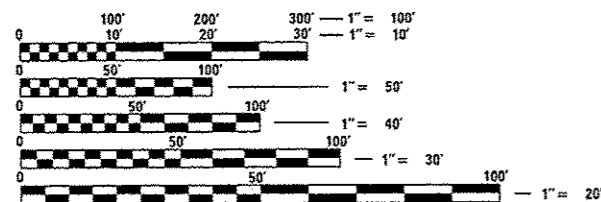
**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 70 (I-55 / I-64)  
SECTION 82-3HVB-2R-2-B-R  
PROJECT ACNHPP-0070(029)  
EMERGENCY REPAIRS POPLAR  
STREET BRIDGE COMPLEX  
ST. CLAIR COUNTY

C-98-045-16

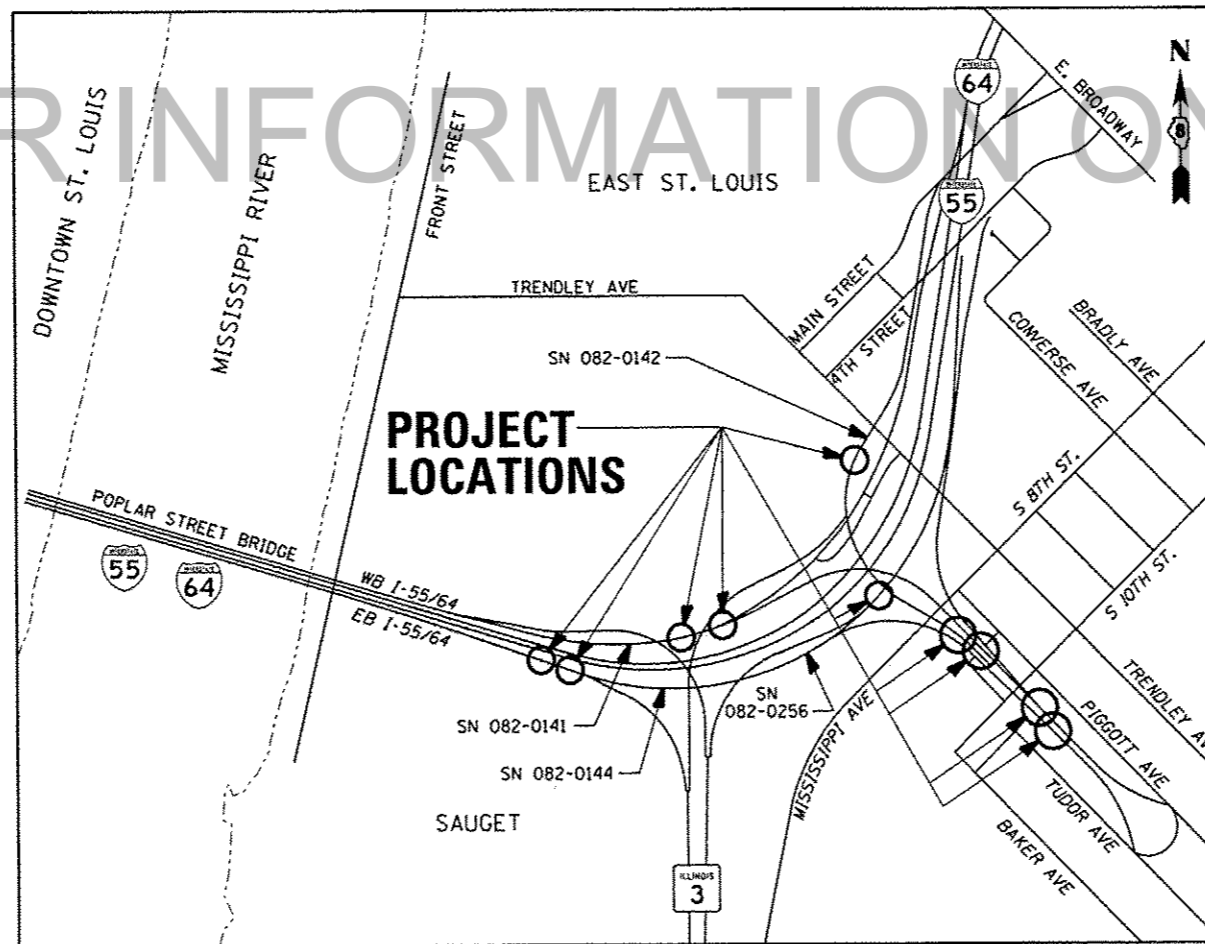


FOR INFORMATION ONLY



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



LOCATION MAP  
NOT TO SCALE

PROJECT ENGINEER TIMOTHY PADGETT, PE (618) 346-3325  
PROJECT MANAGER DONALD HAYDEN, PE (618) 346-3181

CONTRACT NO. 76J68

EFK Moen, LLC  
Civil Engineering Design



SIGNATURE: *Shelley L. Dintelman*

DATE SIGNED: 11/22/2016

LICENSE EXPIRES: 11/30/2017

THE SEAL SHOWN ABOVE IS VALID FOR THE FOLLOWING SHEETS ON THESE PLANS WHICH WERE PREPARED UNDER MY DIRECTION SHEETS 1-9

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED: Nov. 28, 2016

*Jeffrey Z. Kamars*  
REGIONAL ENGINEER

Jan 27, 2017  
*Mareen M. Addis, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 27, 2017  
*Shelley L. Dintelman*  
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS



CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	90 % FEDERAL / 10 % STATE CONSTRUCTION CODE			
				BRIDGE	BRIDGE	BRIDGE	BRIDGE
				0014	0014	0014	0014
				S.N. 082-0141	S.N. 082-0142	S.N. 082-0144	S.N. 082-0256
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	0.7	0.6	1.1	0.6
67100100	MOBILIZATION	L SUM	1	0.3	0.3	0.3	0.1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	4	1		2	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	5	2		2	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	0.3	0.7		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	0.8	1.2		
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	6313	4673	1320	55	265
70107009	PAVEMENT MARKING BLACKOUT TAPE, 9"	FOOT	11868	10408		1197	263
70107016	PAVEMENT MARKING BLACKOUT TAPE, 16"	FOOT	730	730			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	13558	11506	770	930	352
78100300	REPLACEMENT REFLECTOR	EACH	59	38		6	15
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	59	38		6	15
X0325748	ACRYLIC COATING	SQ YD	282		188	80	14

14  
• SPECIALTY ITEM

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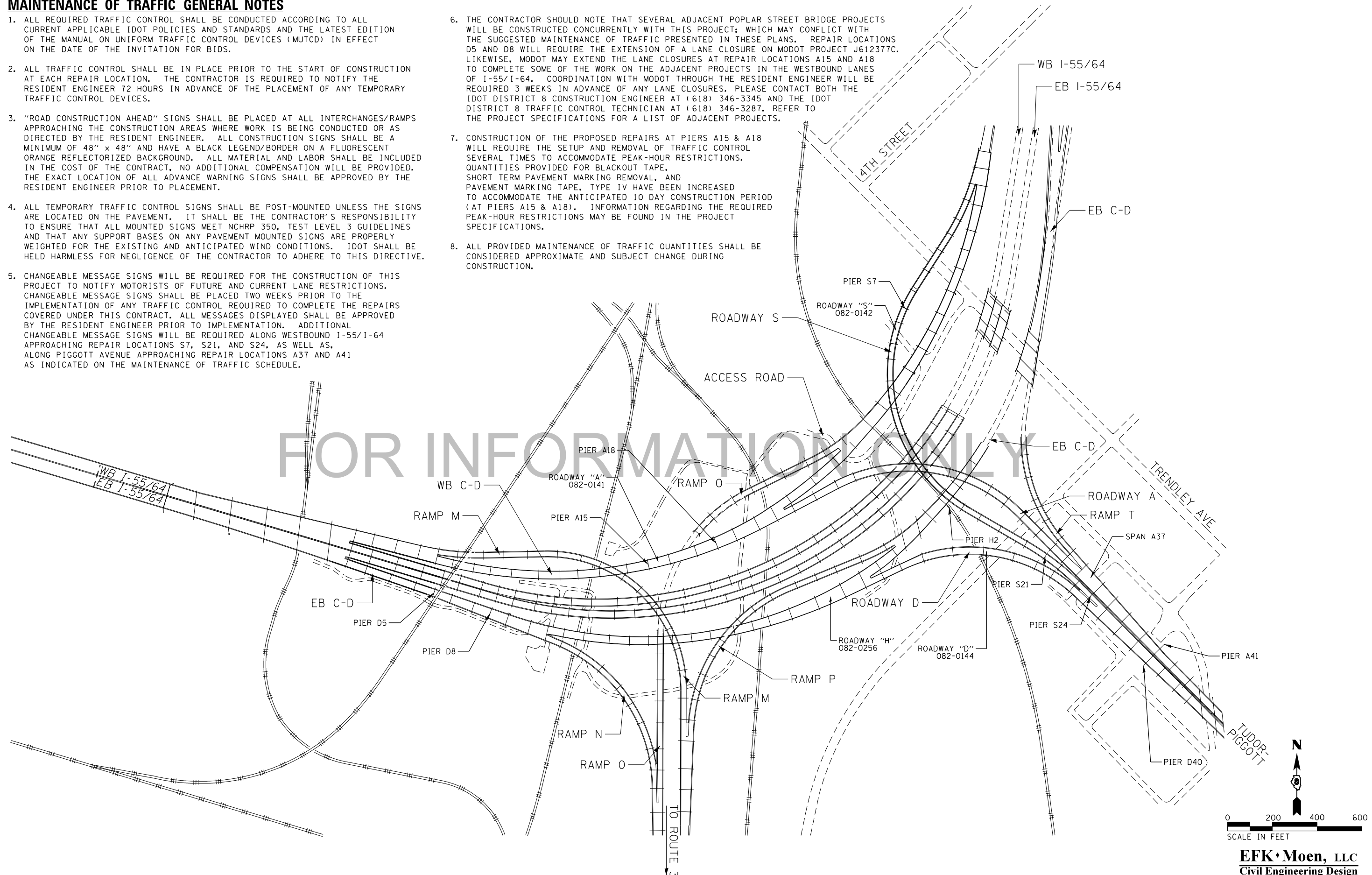
FILE NAME :	USER NAME : skirchner	DESIGNED - BJC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = 1/8"=1'-0"	DRAWN - BJC	REVISED -		SCALE: N.A.	SHEET 1	OF 2	SHEETS	STA.	TO STA.	ST. CLAIR	27	3
Default	PLOT DATE = 11/23/2016	CHECKED - SLD	REVISED -								CONTRACT NO. 76J68		
										ILLINOIS FED. AID PROJECT			



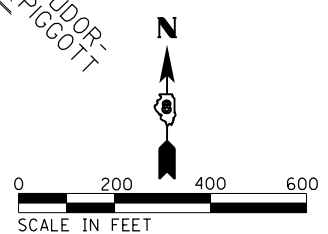
**MAINTENANCE OF TRAFFIC GENERAL NOTES**

1. ALL REQUIRED TRAFFIC CONTROL SHALL BE CONDUCTED ACCORDING TO ALL CURRENT APPLICABLE IDOT POLICIES AND STANDARDS AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) IN EFFECT ON THE DATE OF THE INVITATION FOR BIDS.
2. ALL TRAFFIC CONTROL SHALL BE IN PLACE PRIOR TO THE START OF CONSTRUCTION AT EACH REPAIR LOCATION. THE CONTRACTOR IS REQUIRED TO NOTIFY THE RESIDENT ENGINEER 72 HOURS IN ADVANCE OF THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
3. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT ALL INTERCHANGES/RAMPS APPROACHING THE CONSTRUCTION AREAS WHERE WORK IS BEING CONDUCTED OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL CONSTRUCTION SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND/BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND. ALL MATERIAL AND LABOR SHALL BE INCLUDED IN THE COST OF THE CONTRACT, NO ADDITIONAL COMPENSATION WILL BE PROVIDED. THE EXACT LOCATION OF ALL ADVANCE WARNING SIGNS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO PLACEMENT.
4. ALL TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE POST-MOUNTED UNLESS THE SIGNS ARE LOCATED ON THE PAVEMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL MOUNTED SIGNS MEET NCHRP 350, TEST LEVEL 3 GUIDELINES AND THAT ANY SUPPORT BASES ON ANY PAVEMENT MOUNTED SIGNS ARE PROPERLY WEIGHTED FOR THE EXISTING AND ANTICIPATED WIND CONDITIONS. IDOT SHALL BE HELD HARMLESS FOR NEGLIGENCE OF THE CONTRACTOR TO ADHERE TO THIS DIRECTIVE.
5. CHANGEABLE MESSAGE SIGNS WILL BE REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT TO NOTIFY MOTORISTS OF FUTURE AND CURRENT LANE RESTRICTIONS. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED TWO WEEKS PRIOR TO THE IMPLEMENTATION OF ANY TRAFFIC CONTROL REQUIRED TO COMPLETE THE REPAIRS COVERED UNDER THIS CONTRACT. ALL MESSAGES DISPLAYED SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO IMPLEMENTATION. ADDITIONAL CHANGEABLE MESSAGE SIGNS WILL BE REQUIRED ALONG WESTBOUND I-55/I-64 APPROACHING REPAIR LOCATIONS S7, S21, AND S24, AS WELL AS, ALONG PIGGOTT AVENUE APPROACHING REPAIR LOCATIONS A37 AND A41 AS INDICATED ON THE MAINTENANCE OF TRAFFIC SCHEDULE.

6. THE CONTRACTOR SHOULD NOTE THAT SEVERAL ADJACENT POPLAR STREET BRIDGE PROJECTS WILL BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT; WHICH MAY CONFLICT WITH THE SUGGESTED MAINTENANCE OF TRAFFIC PRESENTED IN THESE PLANS. REPAIR LOCATIONS D5 AND D8 WILL REQUIRE THE EXTENSION OF A LANE CLOSURE ON MODOT PROJECT J612377C. LIKEWISE, MODOT MAY EXTEND THE LANE CLOSURES AT REPAIR LOCATIONS A15 AND A18 TO COMPLETE SOME OF THE WORK ON THE ADJACENT PROJECTS IN THE WESTBOUND LANES OF I-55/I-64. COORDINATION WITH MODOT THROUGH THE RESIDENT ENGINEER WILL BE REQUIRED 3 WEEKS IN ADVANCE OF ANY LANE CLOSURES. PLEASE CONTACT BOTH THE IDOT DISTRICT 8 CONSTRUCTION ENGINEER AT (618) 346-3345 AND THE IDOT DISTRICT 8 TRAFFIC CONTROL TECHNICIAN AT (618) 346-3287. REFER TO THE PROJECT SPECIFICATIONS FOR A LIST OF ADJACENT PROJECTS.
7. CONSTRUCTION OF THE PROPOSED REPAIRS AT PIERS A15 & A18 WILL REQUIRE THE SETUP AND REMOVAL OF TRAFFIC CONTROL SEVERAL TIMES TO ACCOMMODATE PEAK-HOUR RESTRICTIONS. QUANTITIES PROVIDED FOR BLACKOUT TAPE, SHORT TERM PAVEMENT MARKING REMOVAL, AND PAVEMENT MARKING TAPE, TYPE IV HAVE BEEN INCREASED TO ACCOMMODATE THE ANTICIPATED 10 DAY CONSTRUCTION PERIOD (AT PIERS A15 & A18). INFORMATION REGARDING THE REQUIRED PEAK-HOUR RESTRICTIONS MAY BE FOUND IN THE PROJECT SPECIFICATIONS.
8. ALL PROVIDED MAINTENANCE OF TRAFFIC QUANTITIES SHALL BE CONSIDERED APPROXIMATE AND SUBJECT CHANGE DURING CONSTRUCTION.



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Civil Engineering Design

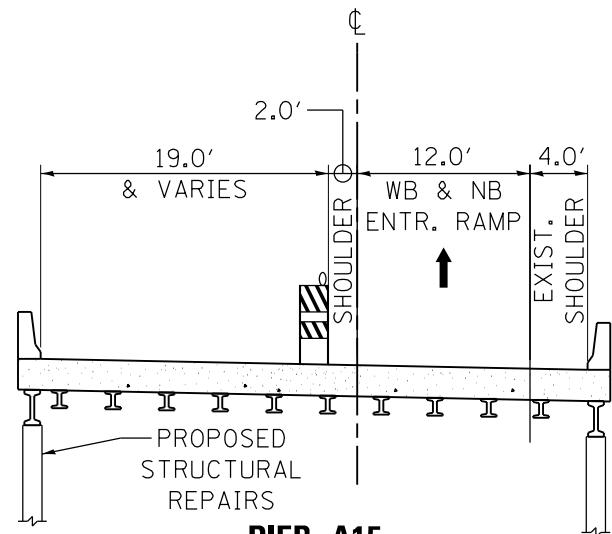
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

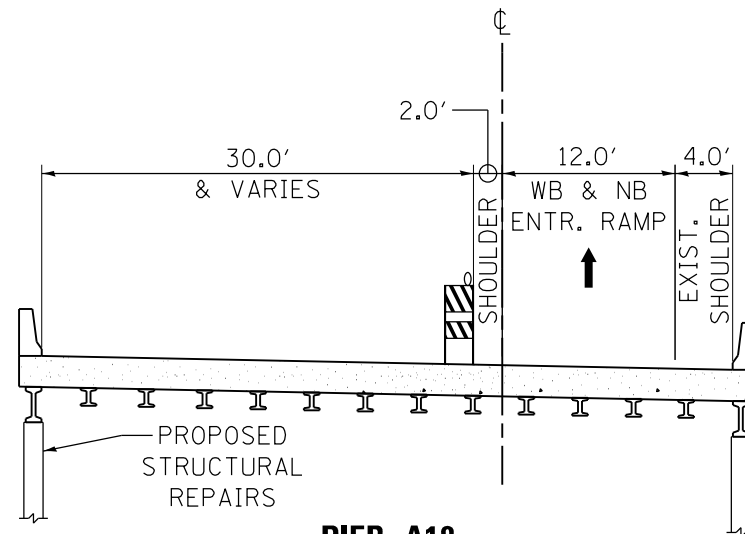
MAINTENANCE OF TRAFFIC  
PLAN & NOTES

SCALE: 1"=200' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HVB-2R-2-B-R	ST. CLAIR	22	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76J68	

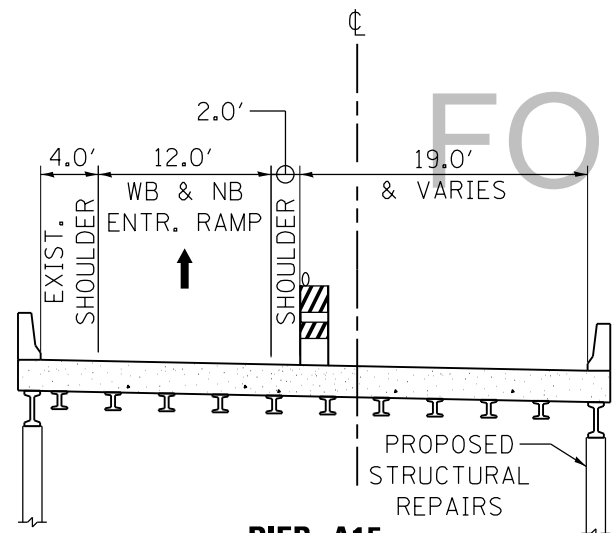


**PIER A15**  
S.N. 082-0141  
(LOOKING WEST)

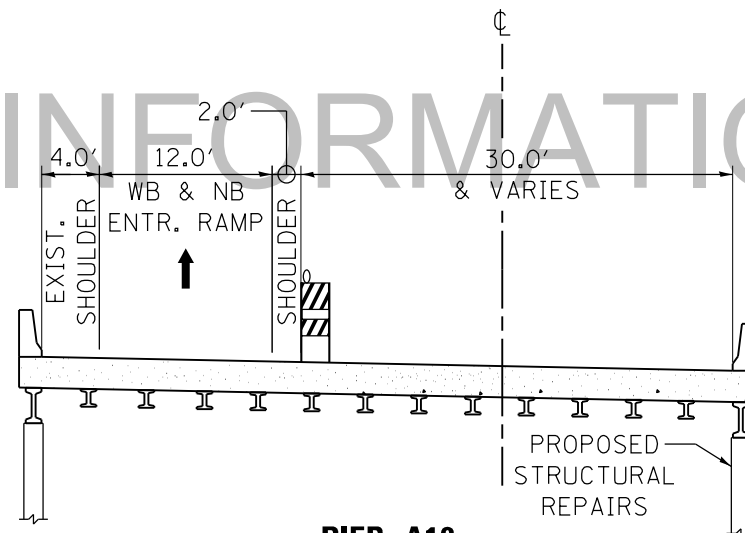


**PIER A18**  
S.N. 082-0141  
(LOOKING WEST)

**LEFT SIDE REPAIRS**



**PIER A15**  
S.N. 082-0141  
(LOOKING WEST)

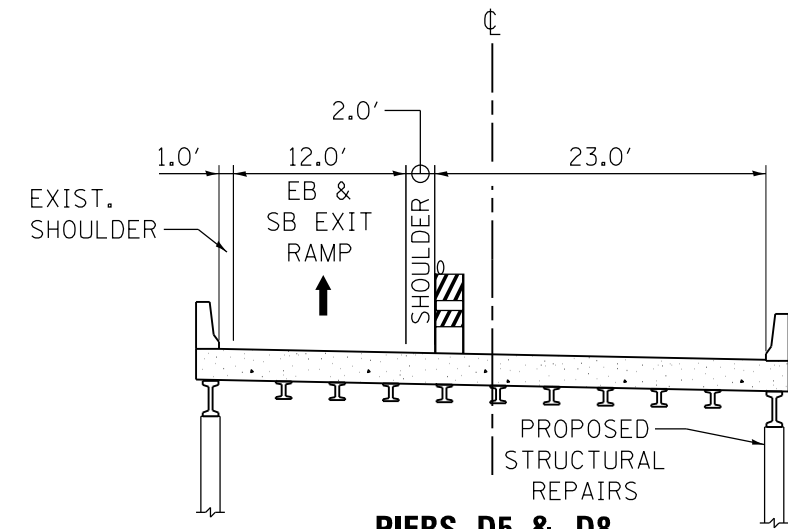


**PIER A18**  
S.N. 082-0141  
(LOOKING WEST)

**RIGHT SIDE REPAIRS**

**SUGGESTED MAINTENANCE OF TRAFFIC – PIERS A15 & A18**

1. CLOSE LEFT LANES AT BOTH REPAIR LOCATIONS (USING HIGHWAY STANDARDS 701400, 701401 & 701411).
2. CONSTRUCT REPAIRS ON LEFT PIERS.
3. CLOSE RIGHT LANES AT BOTH REPAIR LOCATIONS (USING HIGHWAY STANDARD 701400, 701401 & 701411).
4. CONSTRUCT REPAIRS ON RIGHT PIERS.
5. REMOVE TRAFFIC CONTROL AND RESUME NORMAL TRAFFIC PATTERNS.



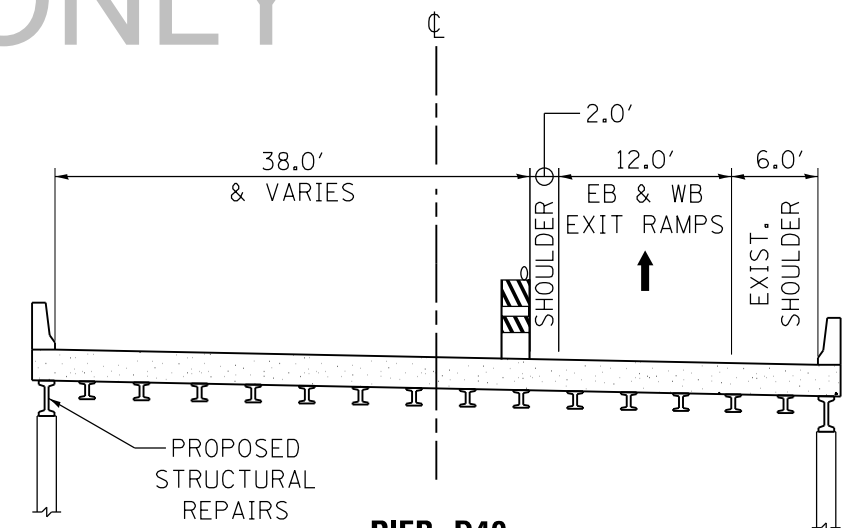
**PIERS D5 & D8**  
S.N. 082-0144  
(LOOKING EAST)

**RIGHT SIDE REPAIRS ONLY**

**SUGGESTED MAINTENANCE OF TRAFFIC – PIERS D5 & D8**

1. CLOSE RIGHT LANES AT BOTH REPAIR LOCATIONS (USING HIGHWAY STANDARDS 701428, 701400, 701401, & 701411) IN CONJUNCTION WITH MODOT PROJECT NO. J612377C.
2. CONSTRUCT REPAIRS ON RIGHT PIERS.
3. REMOVE TRAFFIC CONTROL AND RESUME NORMAL TRAFFIC PATTERNS.
4. CONSTRUCT REPAIRS ON LEFT PIERS UNDER TRAFFIC.

FOR INFORMATION ONLY



**PIER D40**  
S.N. 082-0144  
(LOOKING SOUTH)

**LEFT SIDE REPAIRS ONLY**

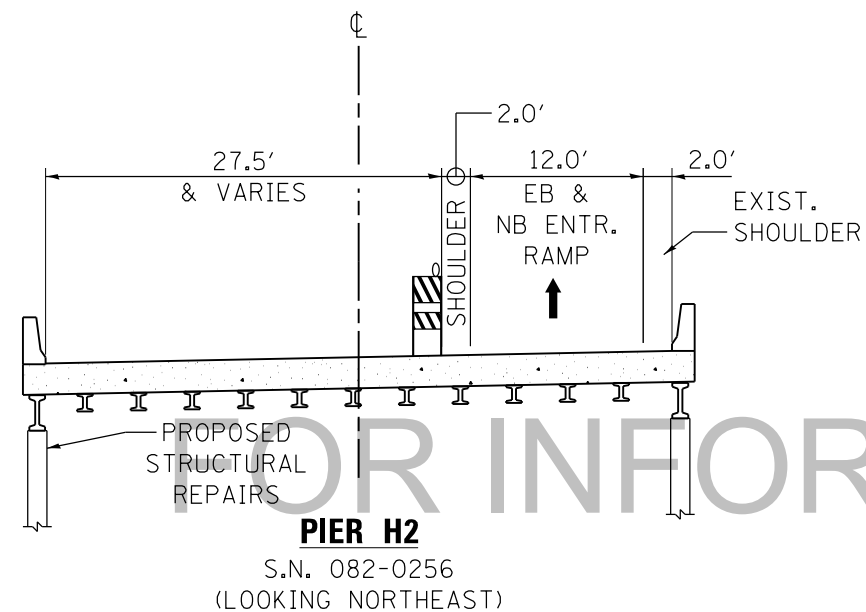
**SUGGESTED MAINTENANCE OF TRAFFIC – PIER D40**

1. CLOSE LEFT LANES AT REPAIR LOCATION (USING HIGHWAY STANDARDS 701400, 701401 & 701411).
2. CONSTRUCT REPAIRS ON LEFT SPAN.
3. REMOVE TRAFFIC CONTROL AND RESUME NORMAL TRAFFIC PATTERNS.

**NOTE:**  
ALL ARROWS SHOWN  
INDICATE DIRECTION  
OF TRAFFIC FLOW.

**EFK•Moen, LLC**  
Civil Engineering Design

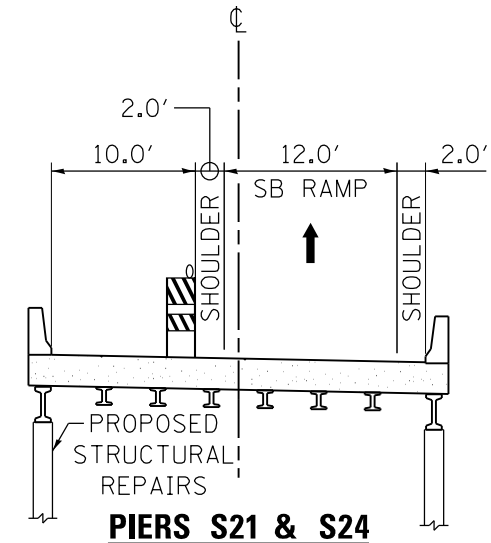
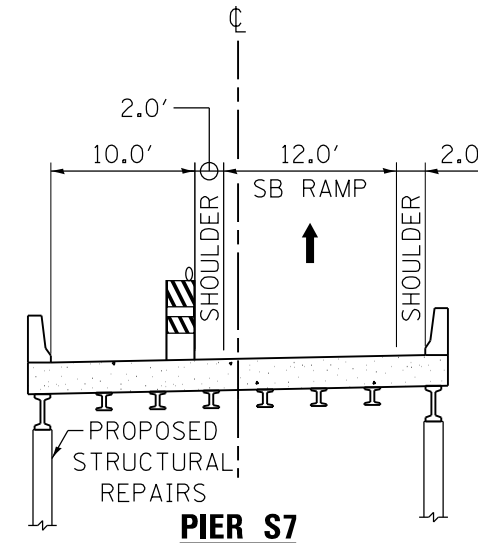
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	PLOT DATE = 11/22/2016	DATE - 11/21/16	REVISED -		ILLINOIS FED. AID PROJECT							



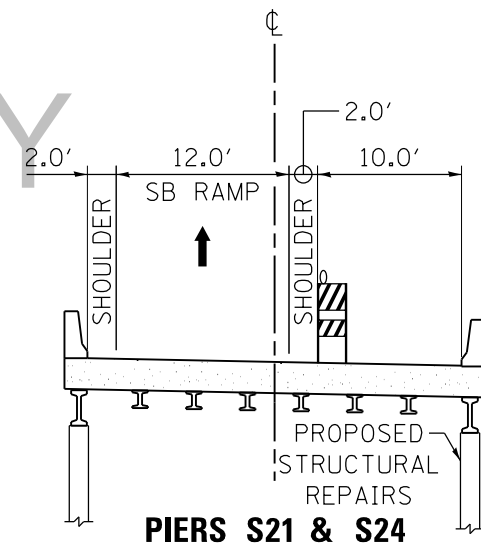
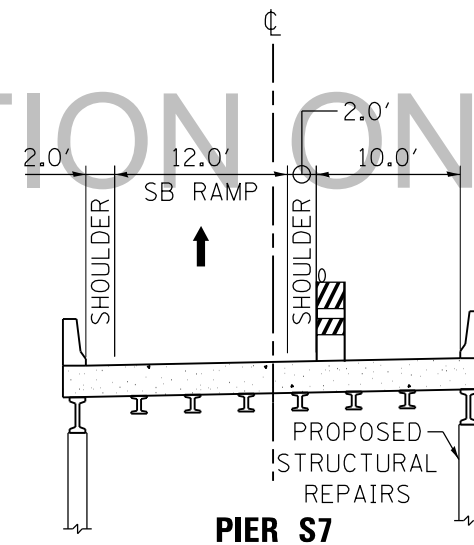
**LEFT SIDE REPAIRS ONLY**

**SUGGESTED MAINTENANCE OF TRAFFIC – PIER H2**

1. CLOSE LEFT LANES AT REPAIR LOCATION (USING HIGHWAY STANDARDS 701428, 701400, 701401, & 701411).
2. CONSTRUCT REPAIRS ON LEFT PIER.
3. REMOVE TRAFFIC CONTROL AND RESUME NORMAL TRAFFIC PATTERNS.



**LEFT SIDE REPAIRS**



**RIGHT SIDE REPAIRS**

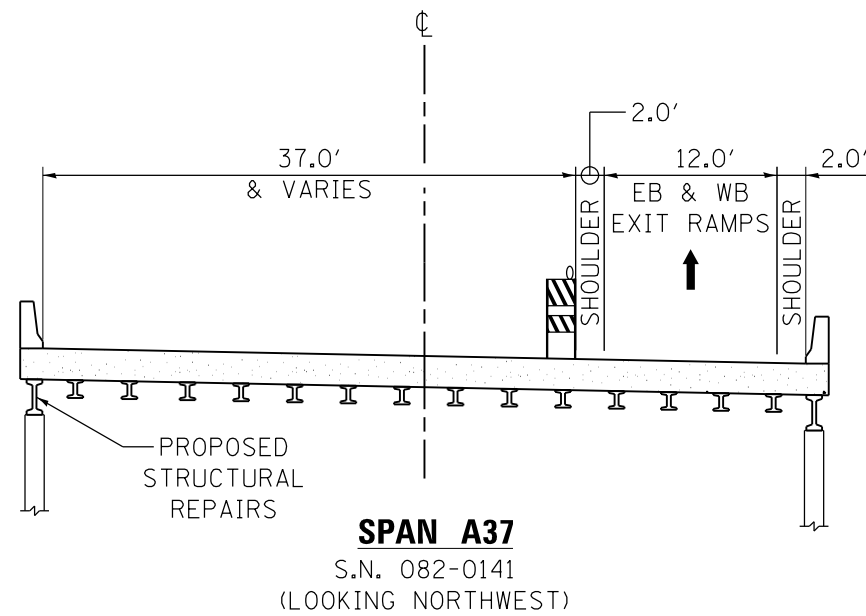
**SUGGESTED MAINTENANCE OF TRAFFIC – PIERS S7, S21, & S24**

1. SHIFT TRAFFIC TO LEFT SIDE OF RAMP AT REPAIR LOCATIONS (USING HIGHWAY STANDARD 701456).
2. CONSTRUCT REPAIRS ON RIGHT PIERS.
3. SHIFT TRAFFIC TO RIGHT SIDE OF RAMP AT REPAIR LOCATIONS (USING HIGHWAY STANDARD 701456).
4. CONSTRUCT REPAIRS ON LEFT PIERS.
5. REMOVE TRAFFIC CONTROL AND RESUME NORMAL TRAFFIC PATTERN.

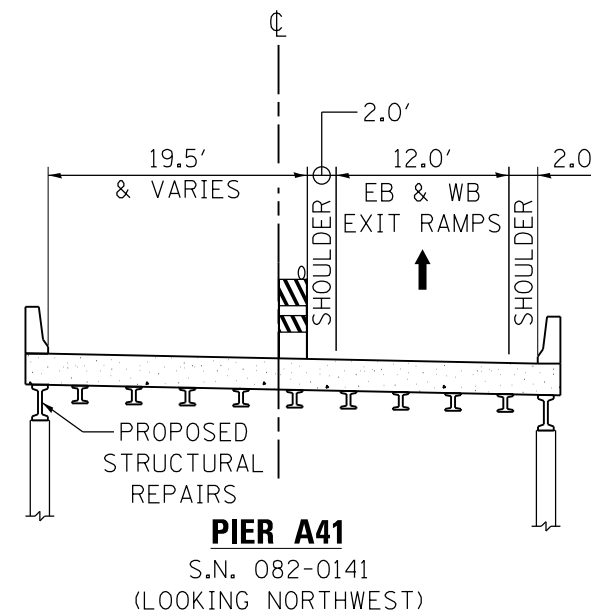
**NOTE:**  
ALL ARROWS SHOWN  
INDICATE DIRECTION  
OF TRAFFIC FLOW.

**EFK•Moen, LLC**  
Civil Engineering Design

FILE NAME =	USER NAME = mksrchner	DESIGNED - BJK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC TYPICAL SECTIONS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILEL\$		DRAWN - MSK	REVISED -		SCALE: N.A.	SHEET 2	OF 3 SHEETS	STA.	TO STA.	70	82-3HVB-2R-2-B-R	ST. CLAIR	27	7
Default	PLOT SCALE = 100.0000' / in.	CHECKED - SLD	REVISED -								CONTRACT NO. 76J68			
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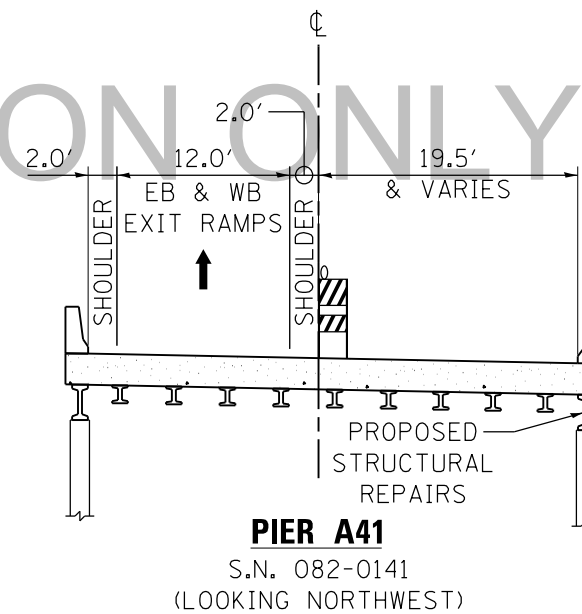


**LEFT SIDE REPAIRS ONLY**



**LEFT SIDE REPAIRS**

FOR INFORMATION ONLY



**RIGHT SIDE REPAIRS**

**SUGGESTED MAINTENANCE OF TRAFFIC – SPAN A37 & PIER A41**

1. CLOSE LEFT LANE AND STRIPED MEDIAN AT REPAIR LOCATION A37 & CLOSE LEFT LANE AT REPAIR LOCATION A41 (USING HIGHWAY STANDARDS 701411, 701456, & 701501).
2. CONSTRUCT REPAIRS ON LEFT SIDE AT BOTH REPAIR LOCATIONS.
3. CLOSE RIGHT LANE AT REPAIR LOCATION A41 (USING HIGHWAY STANDARD 701456).
4. CONSTRUCT REPAIRS ON RIGHT SIDE AT REPAIR LOCATION A41.
5. REMOVE TRAFFIC CONTROL AND RESUME NORMAL TRAFFIC PATTERNS.

**NOTE:**

ALL ARROWS SHOWN INDICATE DIRECTION OF TRAFFIC FLOW.

**EFK•Moen, LLC**  
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#FILE#		DRAWN - MSK	REVISED -					70	82-3HVB-2R-2-B-R	ST. CLAIR	27	8
Default	PLOT SCALE = 100.0000' / in.	CHECKED - SLD	REVISED -		SCALE: N.A. SHEET 3 OF 3 SHEETS STA. TO STA.			CONTRACT NO. 76J68				
	PLOT DATE = 11/23/2016	DATE - 11/21/16	REVISED -		ILLINOIS FED. AID PROJECT							



MAINTENANCE OF TRAFFIC SCHEDULE															
REPAIR LOCATION	ENGINEERS FIELD OFFICE TYPE A (CAL MO)	MOBILIZATION (L SUM)	TRAFFIC CONTROL & PROTECTION STANDARD 701401 (EACH)	TRAFFIC CONTROL & PROTECTION STANDARD 701411 (EACH)	TRAFFIC CONTROL & PROTECTION STANDARD 701456 (L SUM)	TRAFFIC CONTROL & PROTECTION STANDARD 701501 (L SUM)	CHANGEABLE MESSAGE SIGN (CAL MO)	PAVEMENT MARKING BLACKOUT TAPE 7" (FOOT)	PAVEMENT MARKING BLACKOUT TAPE 9" (FOOT)	PAVEMENT MARKING BLACKOUT TAPE 16" (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)	PAVEMENT MARKING TAPE TYPE IV 8"* (FOOT)	REPLACEMENT REFLECTOR (EACH)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	RAILROAD PROTECTIVE LIABILITY INSURANCE (L SUM)
SN 082-0141															
A15 & A18	0.65	0.14	1	1				2,746**	9,278**	184**	8,807**	15,417**	17	17	0.4
A37 & A41	0.05	0.14		1	0.30	1	0.8	1927	1,130	546	2,699		21	21	
SN 082-0142															
S7	0.20	0.14			0.35		0.6	440			257				
S21 & S24	0.40	0.14			0.35		0.6	880			513				
SN 082-0144															
D5 & D8	0.65	0.14	1	1				21	491		380	445	3	3	0.4
D40	0.45	0.14	1	1				34	706		550	789	3	3	
SN 082-0256															
H2	0.60	0.14	1	1				265	263		352	448	15	15	0.2
TOTALS	3.0	1.0	4	5	1.0	1	2.0	6,313	11,868	730	13,558	17,099	59	59	1.0

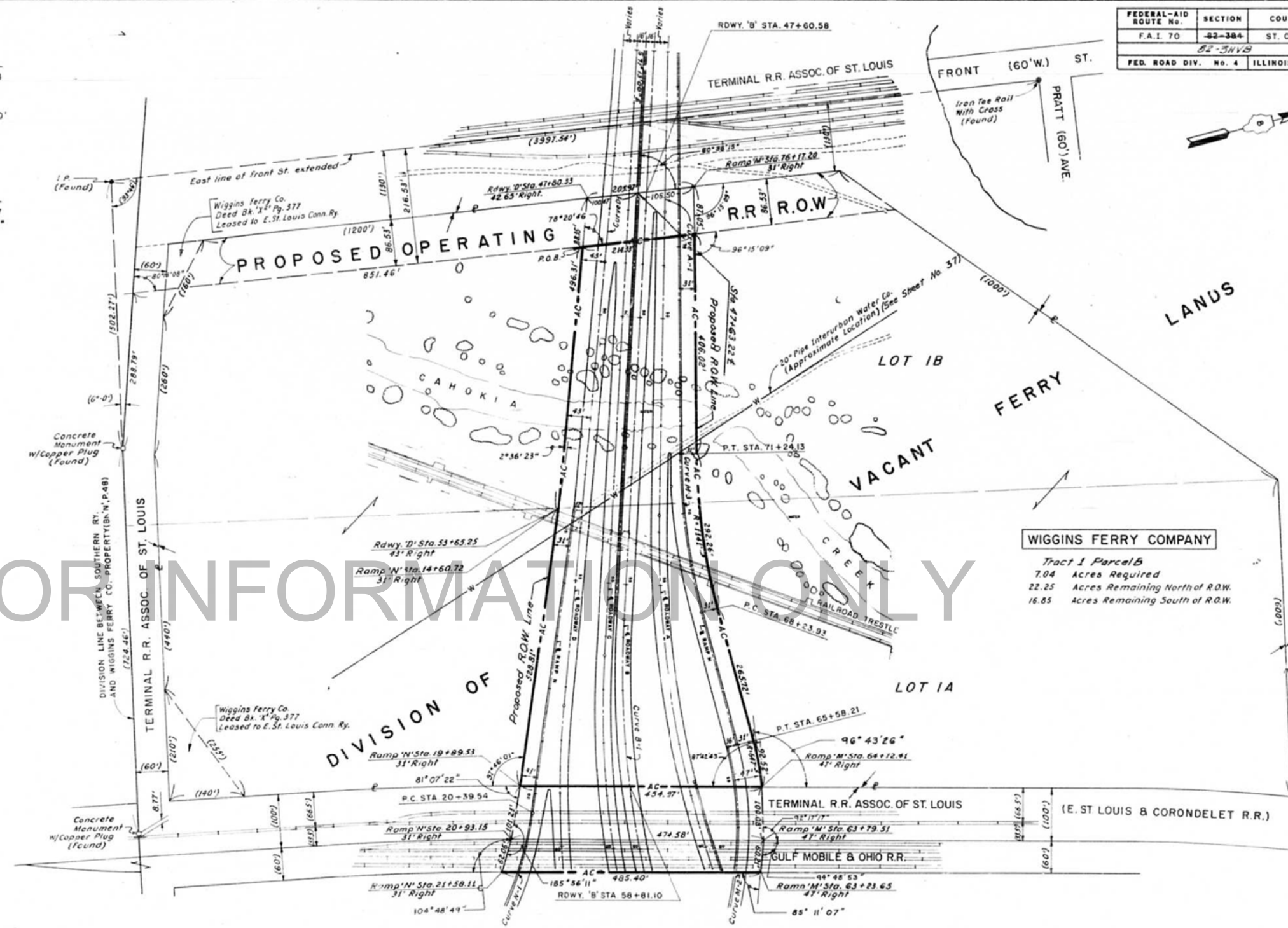
- \* QUANTITY INCLUDED IN APPROPRIATE TRAFFIC CONTROL & PROTECTION PAY ITEM PER ARTICLE 703.07 OF THE STANDARD SPECIFICATIONS.
- \*\* QUANTITY INCLUDES 10 APPLICATIONS (FOR DAILY SETUP & REMOVAL OF IDOT HIGHWAY STANDARD 701411 TO ACCOMMODATE PEAK-HOUR RESTRICTIONS).

**EFK Moen, LLC**  
Civil Engineering Design

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*FILEL\$		DRAWN - BJC	REVISED -			70	82-3HVB-2R-2-B-R	ST. CLAIR	27	9	
Default	PLOT SCALE = 100.0000' / in.	CHECKED - SLD	REVISED -			CONTRACT NO. 76J68		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 11/23/2016	DATE - 11/21/16	REVISED -			SCALE: N.A.	SHEET 1 OF 1 SHEETS	STA.	TO STA.		

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-384	ST. CLAIR	29	26
FED. ROAD DIV. No. 4 ILLINOIS PROJECT [-70-(63)]				

<b>CURVE A-1</b> P.I. = 44+49.79 Δ = 1°57'51" D = 0°16'51" R = 20,405.00' L = 699.51' T = 349.79' E = 3.00'	<b>CURVE B-1</b> P.I. = 76+37.10 Δ = 97°39'16" D = 3°09'24" R = 1815.00' L = 3093.47' T = 2075.25' E = 941.97'	<b>CURVE D-1</b> P.I. = 44+99.74 Δ = 2°17'29" D = 0°17'12" R = 19,988.00' L = 799.37' T = 399.74' E = 4.00'
<b>CURVE M-2</b> P.I. = 62+15.89 Δ = 91°18'24" D = 9°32'57" R = 600' L = 956.16' T = 613.84' E = 258.37'	<b>CURVE M-3</b> P.I. = 69+74.86 Δ = 14°40'34" D = 4°53'19" R = 1172' L = 300.20' T = 150.93' E = 9.68'	<b>CURVE N-1</b> P.I. = 25+09.37 Δ = 67°44'14" D = 8°11'06" R = 700' L = 827.57' T = 469.82' E = 143.05'



FOR INFORMATION ONLY

**WIGGINS FERRY COMPANY**  
Tract 1 Parcel B  
7.04 Acres Required  
22.25 Acres Remaining North of R.O.W.  
16.85 Acres Remaining South of R.O.W.

**LEGEND**

—AC—	Access Control and Right of Way line
---	Property line
(100')	Recorded dimension
100'	Measured dimension
---	Right of Way line

I hereby certify that this is a correct Plat showing the Right of Way required for a Highway known as Federal Aid Interstate Route 70, located in the City of St. Louis, St. Clair County, Illinois, as now surveyed and staked out by H.W. Lochner, Inc., for the Department of Public Works and Buildings of the State of Illinois

by \_\_\_\_\_ Date \_\_\_\_\_  
Illinois Land Surveyor

Approved \_\_\_\_\_ Date \_\_\_\_\_  
District Engineer

Completed 5-28-64

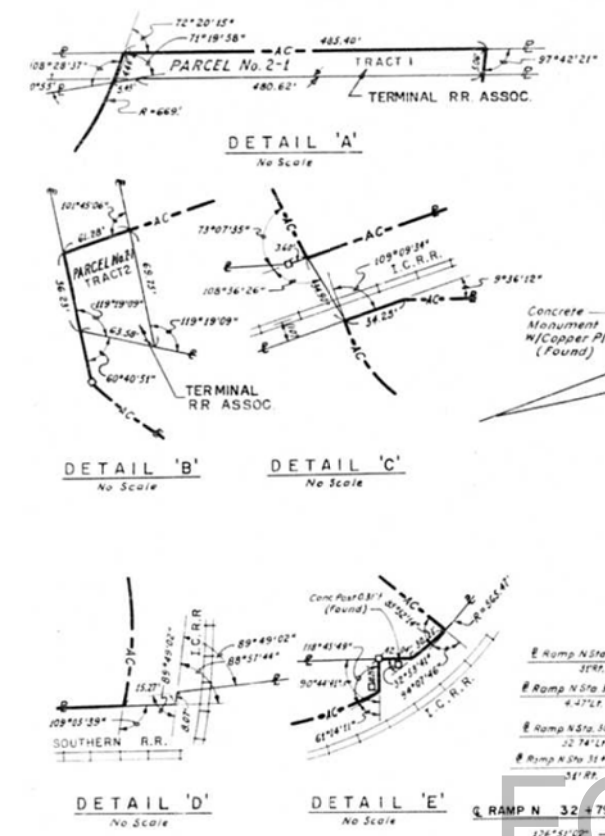
STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS  
F.A.I. ROUTE 70  
RIGHT OF WAY PLAN  
STA. 47+60.58 TO STA. 58+81.10  
SCALE: 1" = 100'

H. W. LOCHNER, INC.  
ENGINEERS  
CHICAGO, ILL.

**FOR INFORMATION ONLY**

FILE NAME =	USER NAME = mksrchner	DESIGNED - BJK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING RIGHT OF WAY PLAN</b>	F.A.I. RTE. 70	SECTION 82-3HVB-2R-2-B-R	COUNTY ST. CLAIR	TOTAL SHEETS 22	SHEET NO. 10
Default	PLOT SCALE = 100.000' / in.	CHECKED - SLD	REVISED -							
	PLOT DATE = 11/30/2016	DATE - 11/21/16	REVISED -			SCALE: N.T.S.	SHEET 1 OF 5 SHEETS	STA. TO STA.		ILLINOIS FED. AID PROJECT

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-344	ST. CLAIR	259	27
82-344				
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT-70-(63)		



CURVE B-1	CURVE D-3	CURVE D-4
P.I. = 76+37.10	P.I. = 68+95.66	P.I. = 80+23.30
Δ = 97°39'16"	Δ = 19°41'10"	Δ = 68°54'17"
D = 3°09'24"	D = 2°35'28"	D = 8°11'06"
R = 1815'	R = 2211.24'	R = 700'
L = 3093.47'	L = 759.76'	L = 841.83'
T = 2075.25'	T = 383.66'	T = 480.24'
E = 941.97'	E = 33.04'	E = 148.90'

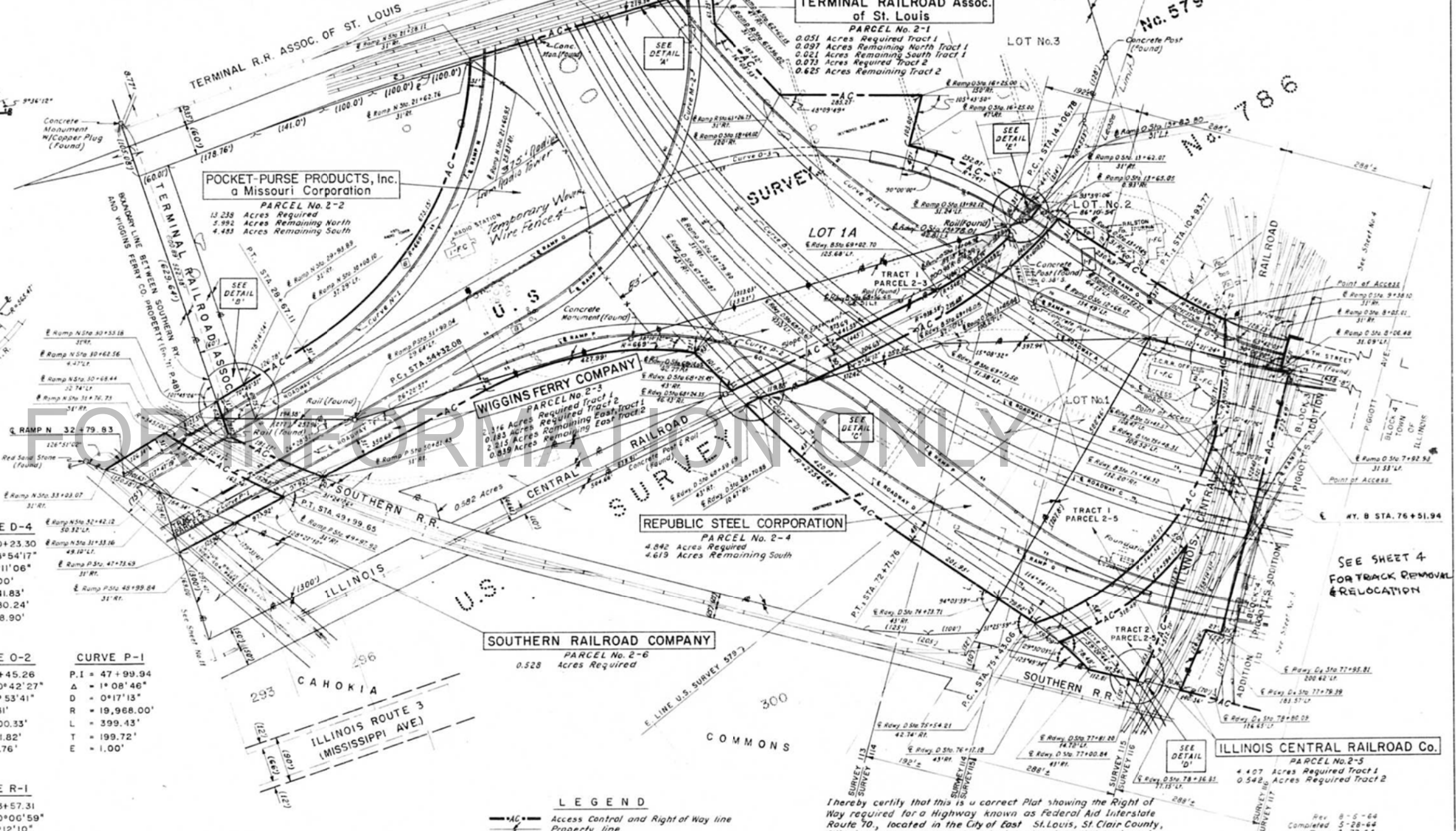
  

CURVE M-2	CURVE N-1	CURVE O-2	CURVE P-1
P.I. = 62+15.89	P.I. = 25+09.37	P.I. = 9+45.26	P.I. = 47+99.94
Δ = 91°18'24"	Δ = 67°44'14"	Δ = 20°42'27"	Δ = 1°08'46"
D = 3°32'57"	D = 8°11'06"	D = 8°53'41"	D = 0°17'13"
R = 600'	R = 700'	R = 831'	R = 19,968.00'
L = 956.16'	L = 827.57'	L = 300.33'	L = 399.43'
T = 613.84'	T = 469.82'	T = 151.82'	T = 199.72'
E = 258.37'	E = 143.05'	E = 13.76'	E = 1.00'

CURVE O-3	CURVE P-2	CURVE R-1
P.I. = 18+39.48	P.I. = 58+81.46	P.I. = 63+57.31
Δ = 63°26'37"	Δ = 65°23'55"	Δ = 30°00'59"
D = 8°11'06"	D = 8°11'06"	D = 3°12'10"
R = 700'	R = 700'	R = 1789'
L = 775.11'	L = 798.99'	L = 940.35'
T = 432.70'	T = 449.38'	T = 481.31'
E = 122.94'	E = 131.83'	E = 63.61'

## DIVISION OF VACANT FERRY LANDS



**LEGEND**

- AC— Access Control and Right of Way line
- P— Property line
- (100') Recorded dimension
- 100' Measured dimension
- C Commercial
- G Garage
- 2- 2-Storey
- F Frame
- Fo Foundation

I hereby certify that this is a correct Plat showing the Right of Way required for a Highway known as Federal Aid Interstate Route 70, located in the City of East St. Louis, St. Clair County, Illinois, as now surveyed and staked out by H.W. Lochner, Inc., for the department of Public Works and Buildings of the State of Illinois

by Illinois Land Surveyor Date \_\_\_\_\_  
 Approved District Engineer Date \_\_\_\_\_

STATE OF ILLINOIS  
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
 DIVISION OF HIGHWAYS  
 F.A.I. ROUTE 70  
 RIGHT OF WAY PLAN

SCALE: 1" = 100'

H. W. LOCHNER, INC.  
 ENGINEERS  
 CHICAGO, ILL.

FILE NAME =	USER NAME = mkschoner	DESIGNED - BJK	REVISED -
#FILE#		DRAWN - MSK	REVISED -
Default		CHECKED - SLD	REVISED -
	PLOT DATE = 11/30/2016	DATE - 11/21/16	REVISED -

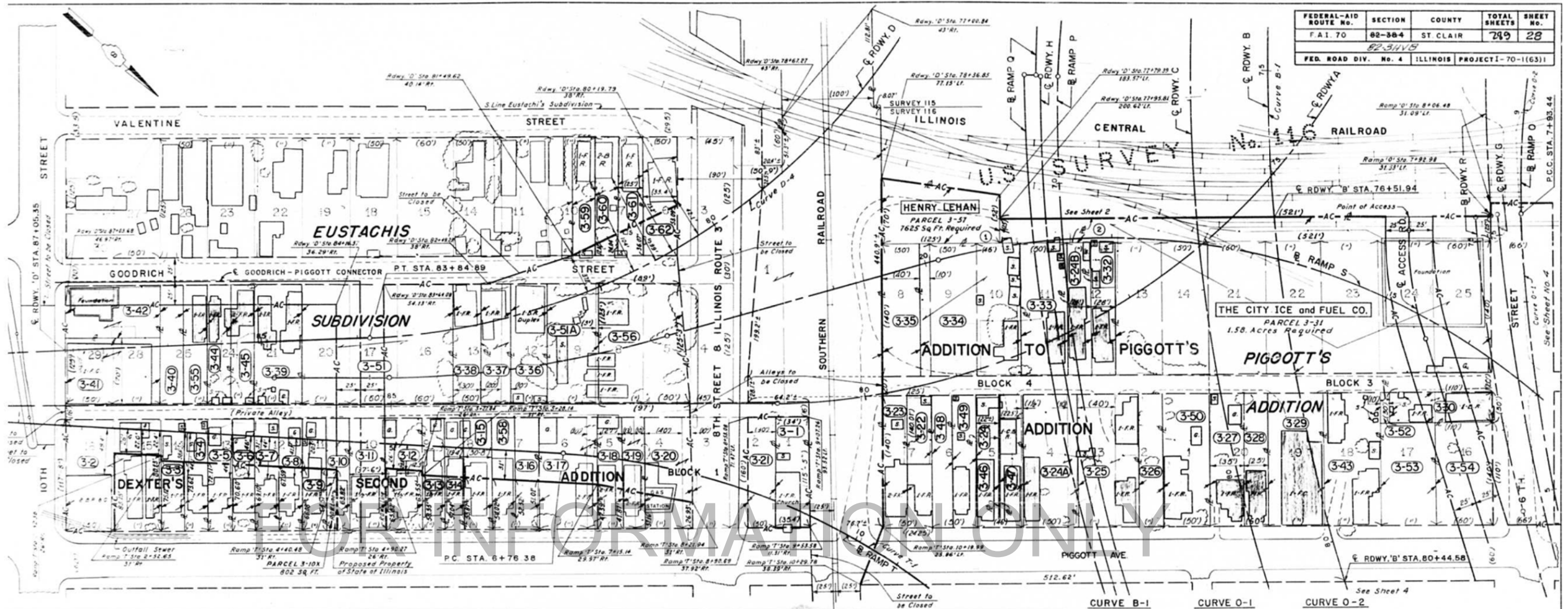
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING RIGHT OF WAY PLAN**

SCALE: N.T.S. SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-344-2R-2-B-R	ST. CLAIR	22	11
CONTRACT NO. 76J68				
ILLINOIS FED. AID PROJECT				

FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-34VB	ST. CLAIR	299	28
FED. ROAD DIV. No. 4 ILLINOIS PROJECT I-70-(163)				



LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
pt 20	5	WILLIAM A KOPP, ANITA E KOPP, his wife	4,900	0
pt 20	3	GEORGE NELSON & LEONA NELSON, his wife	3,500	0
pt 19	3	MODERN ENGINEERING COMPANY, INC	8,400	0
pt 18	3	ELVA FUNCHES & NETTIE FUNCHES, his wife	3,300	0
pt 17	3	EMMA L VEACH	300	0
pt 16	3	JIM MADISON & CREATOR MADISON, his wife	8,400	0
pt 15	3	GROVER C SIBLEY	6,600	0
pt 14	3	HARRY ELDRIDGE and GEORGIA L ELDRIDGE, his wife	6,600	0

LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
pt 7	4	JETIE NUNN & ISILLA NUNN, his wife	3,553	0
pt 6	4	ANGELO E CASTELLANI & ANNA N CASTELLANI, his wife	4,118	0
pt 5	4	PHILIP W COHN JR	9,100	0
pt 4	4	MARTIN SURATT HANDL	3,500	0
pt 3	4	FRIE SILBERMAN and FLORENCE E SILBERMAN, his wife	3,447	0
pt 2	4	MAHALIE WOODS	3,640	0
pt 1	4	FLOYD HAWKINS & NANCY HAWKINS, his sister	7,000	0
pt 10	4	PHILIP DAVIS	14,840	0
pt 9	4	BRUCE H LEW and LOUIS E MITAUER	5,600	0
pt 8	4	SAMMY CONNOR Sr, MATTIE CONNOR, his wife and SAMMY CONNOR Jr	3,000	0
pt 7	4	SIMON HUSTON and ANNIE HUSTON, his wife	3,360	0
pt 6	4	EUGENE and ROBERT MAULE and EUGENIA SICKAGE	3,500	0
pt 5	4	MICHAEL ALVANICH and FRANK NALIVAYKO	3,500	0
pt 4	4	HENRY A HOOVER and ERISENE HOOVER, his wife	7,000	0

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
3-1	1	1	D. KENNETH RANK and MILDRED RANK, his wife	4,008	0
3-2	13E16	1	THEODORE N MARKULY	3,430	831.5
3-3	pt 14	1	ELLEN THOMPSON & SAVANNAH THOMPSON, his wife	1,07.5	1,65.9
3-4	pt 14	1	CORNELL DAUGHERTY & GRACE KING, his mother	1,11.0	1,82.2
3-5	pt 15	1	CHARLES KLINE	1,14.7	1,78.4
3-6	pt 15	1	ALEXANDER J BOGDAN & MARGERET BOGDAN, his wife	1,18.3	1,74.6
3-7	pt 12	1	MILES HOWARD & SAVANNAH T HOWARD, his wife	1,21.8	1,70.9
3-8	pt 12	1	FRIE SILBERMAN	1,25.4	1,671.1
3-9	pt 11	1	AMESA C COLEMAN & MARGARET COLEMAN, his wife	1,29.1	1,633.3
3-10	pt 11	1	LOUIS STREETER & CORNELIA STREETER, his wife	2,120	0
3-11	pt 10	1	HAZEL HOLLIS	4,379.0	0
3-12	pt 9	1	HENRY LOUIS DOWELL & SARAH DOWELL, his wife	1,94.8	2,42.6
3-13	pt 9	1	JAMES A TOLSON & ADA TOLSON, his wife	1,47.0	1,44.5
3-14	pt 8	1	EARNEST OUTLAW & VERTIE MAE OUTLAW, his wife	1,16.2	1,091.1
3-15	pt 8	1	ANNIE L BALL & LEO BALL, her husband	1,88.5	1,685.5
3-16	pt 7	1	PAUL MEYER	1,61.4	1,294.2
3-17	pt 6	1	BERTHA GREENBERG	4,017	2,952.2
3-18	pt 5	1	ELLEN V SHELTON	1,92.9	1,20.5
3-19	pt 4	1	MARY E GEROLD	1,75.9	909.9
3-20	pt 3	1	JOSEPH A TROY, Jr.	4,19.0	1,602.2
3-21	pt 2	1	CITY PRODUCTS CORPORATION, a CORPORATION of ILLINOIS	3,46.8	0
3-22	pt 1	1	ISABELLA BRIGGS and SECOLA WHITE	1,57.8	1,332.2
3-10X	pt 11	1	LOUIS STREETER and CORNELIA STREETER, his wife	802	0

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
3-36	pt 12		FRANK BANKS & MABEL BANKS, his wife	5,000	0
3-37	pt 15		MAGGIE TATE	3,750	0
3-38	pt 13		ARTHUR P MEYER & ELNORA B MEYER, his wife	3,750	0
3-39	21		ERNEST J HOPFINGER & RAYMOND HOPFINGER	6,250	0
3-40	pt 25		ALEX DOMYAN & SHIRLEY M DOMYAN, his wife	3,125	0
3-41	pt 25		ROSE DOMYAN	7,000	0
3-42	pt 25		ARTHUR C DOUGLAS & BESSIE DOUGLAS, his wife	5,500	0
3-44	pt 24		EDWARD R HOLLMAN and DOROTHY LEE HOLLMAN, his wife	3,125	0
3-45	pt 24		CHARLES DOMYAN Jr. and ALEX DOMYAN	3,125	0
3-47	pt 24		ESTATE of GEORGE SCHAUB	20,000	0
3-51A	pt 24		ESTATE of GEORGE SCHAUB	6,625	0
3-56	pt 24		JEFF SMITH and BEAULAN SMITH, his wife	11,625	0
3-59	pt 10		D. KENNETH RANK and MILDRED RANK, his wife	150	2,975
3-60	pt 7		LOUIS N. RANK	451	2,674
3-61	pt 7		WILLIAM P. RANK	751	2,374
3-62	pt 6		LEO L RANK and ANTOINETTE RANK, his wife	1,578	2,847
3-55	pt 25		ARNOLD COHN	3,125	0

<b>CURVE B-1</b>	<b>CURVE O-1</b>	<b>CURVE O-2</b>
P.I. = 76+37.10 Δ = 97°39'16" D = 3'09'24" R = 1815' L = 3093.47' T = 2075.25' E = 941.97'	P.I. = 4+02.17 Δ = 23°05'03" D = 2°54'34" R = 1969.33' L = 793.44' T = 402.17' E = 40.65'	P.I. = 9+45.28 Δ = 20°42'27" D = 6°53'41" R = 831' L = 300.33' T = 151.82' E = 13.76'

<b>CURVE D-4</b>	<b>CURVE T-1</b>
P.I. = 80+23.30 Δ = 68°54'17" D = 8°11'06" R = 700' L = 841.83' T = 480.24' E = 148.90'	P.I. = 10+04.42 Δ = 50°13'06" D = 8°11'06" R = 700' L = 813.53' T = 328.04' E = 73.05'

**LEGEND**

- AC — Access Control and Right of Way Line
- - - Property line
- - - Same Ownership
- - - Existing ROW line
- (100') Recorded dimension
- 100' Measured dimension
- ① Lot Number
- R Residential
- C Commercial
- G Garage
- S Shed
- 1 1/2 1 1/2 - Stories
- F Frame
- B Brick
- - - Proposed ROW Line
- Rev. 8-5-64
- Completed 5-28-64
- Rev. 3-18-64

I hereby certify that this is a correct Plat showing the Right of Way required for a Highway known as Federal Aid Interstate Route 70, located in the City of East St. Louis, St. Clair County, Illinois, as now surveyed and staked out by H.W. Lochner, Inc., for the department of Public Works and Buildings of the State of Illinois

by \_\_\_\_\_ Illinois Land Surveyor \_\_\_\_\_ Date \_\_\_\_\_  
Approved \_\_\_\_\_ District Engineer \_\_\_\_\_ Date \_\_\_\_\_

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS  
F.A.I. ROUTE 70  
RIGHT OF WAY PLAN  
10TH STREET TO 6TH STREET  
SCALE: 1" = 50'  
H. W. LOCHNER, INC.  
ENGINEERS  
CHICAGO, ILL.

FOR INFORMATION ONLY

TOWN OF ILLINOIS (1)				
LOT NO.	BOOK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
1	pt.10	PLEAS JONES and CLARA JONES, his wife	3,150	0
2	pt.10	JOSEPH L. GEROLD and MARGARET L. GEROLD, his wife	3,250	0
3	pt.8	JIMMIE WARE and LUELLA WARE, his wife	2,800	0
4	pt.8	ETHEL STACK and CATHERINE IRENE O'LEARY	280	0
5	pt.8	REVESTER COLEMAN	5,320	0
6	pt.7	PEARL REASON MEALISTER and PETE REASON, her son	4,900	0
7	pt.7	HARRY THOMAS and MAMIE THOMAS, his wife	3,500	0
8	6	FRITZ SILBERMAN	8,400	0
9	pt.1	VOICE PREATHER and CORA ANN PREATHER, his wife	2,100	0
10	pt.1	GASTON DIXON	2,100	0
11	pt.1	RICHARD PAYNE and PECOLA PAYNE, his wife	4,200	0
12	pt.2	CONSTANT HILL and REBECCA L. HILL	2,100	0
13	pt.2	DAVID CONRAD and TRESSIE LEE CONRAD, his wife	4,200	0
14	pt.3	MAURICE COPLEVITZ and ROSE COPLEVITZ, his wife	4,200	0
15	pt.3	HERBERT E. HOTTES	4,200	0
16	pt.4	JOSEPHINE HILL and EDGAR HILL, her husband, and ROBERT H. REED and DARLINE K. REED, his wife	4,800	0
17	pt.4	JOHN LAMBERT	3,600	0
18	pt.1	ARNOLD COHN	2,400	0
19	pt.1	FRANK IRONS and DECILE IRONS, his wife	6,000	0
20	pt.2	FLORENCE T. MEREDITH	4,200	0
21	pt.2	ISIAH ANDERSON and LOU ANNA ANDERSON, his wife	5,040	0
22	pt.4	JOHN W. ATCHISON	4,480	0
23	pt.8	HERBERT E. HOTTES	4,200	0
24	pt.3	ALBERT JONES and MATTIE JONES, his wife	3,500	0
25	pt.3	EUGENIA SICKAGE	700	0
26	9	INTERSTATE BOND Co.	8,400	0
27	pt.2	ELIZABETH CAMPBELL, et. al.	2,100	0
28	pt.4	BEN ROWRY and VERDA B. ROWRY, his wife	3,600	0
29	pt.4	SAM GOLDSTEIN and MINNIE GOLDSTEIN, his wife	4,800	0
30	pt.3	EDWARD P. HOLLMAN and DOROTHY LEE HOLLMAN, his wife	3,360	0
31	pt.4	ROSHELLE MARIE NELSON	3,920	0
32	5	SYLVESTER COLEMAN and LILLIAN COLEMAN, his wife	3,291	5,109
33	pt.8	FRANK CASON and MARY LUE CASON, his wife	4,200	0

BOOK OF PLATS 'C', PAGES 314 & 315

EDGAR AME'S ADDITION TO EAST ST. LOUIS (2)				
LOT NO.	BOOK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
1	pt.13	LAFAYETTE WEBSTER and MARY E. WEBSTER, his wife	3,500	0
2	pt.13	SAM GOLDSTEIN	3,500	0
3	pt.14	EDWARD KIMME and KATIE KIMME, his wife	3,500	0
4	pt.14	ROBERT JONES and ANNA NESBITT	3,500	0
5	pt.15	FRITZ SILBERMAN	3,500	0
6	pt.15	ROBERT HUDSON Jr. and MAGGIE HUDSON, his wife	3,500	0
7	pt.16	WILLI MAE BROWN	3,500	0
8	pt.16	ALBERT M. ELLIOTT and QUINTON ELLIOTT, her husband	3,500	0
9	pt.2	PHILIP H. COHN Jr.	3,500	0
10	1	STANLEY W. GREGOROWICZ and VIDA MAE GREGOROWICZ, his wife	7,000	0
11	pt.10	BRUCE H. LEW and LOUIS E. MITAUER	3,600	0
12	pt.10	JEREMIAH LEHAN and MARY LEHAN, his wife	1,669	0
13	11	ALBERT A. HEQUEMBOURG and CATHERINE R. HEQUEMBOURG, his wife	7,000	0
14	pt.12	SAMUEL STEWART and MINNIE STEWART, his wife	3,500	0
15	pt.12	EJ. SHERON	3,500	0
16	pt.6	GILNAZ BAKAIAN and ARMAN BAKAIAN, her husband	347	3,153
17	pt.5	DONNIE ELIZABETH PLAYER	647	1,775
18	pt.5	EMMETT FARRELL and ETHEL FARRELL, his wife	1,026	1,494
19	pt.4	ROSETTA THOMAS	1,461	989
20	pt.4	WILLIAM R. WEIDMAN	2,520	0
21	pt.4	JOSEPHINE DUPREE	2,520	0
22	pt.4	BIRL NICHOLSON and VINNIE LEE NICHOLSON, his wife	2,478	0
23	pt.3	CHARLIE ANN ROGERS and ELSIE DROGERS	2,590	0
24	pt.2	HAROLD G. BAKER	7,000	0

BOOK OF PLATS 'E' PAGE 40

FRANK B. BOWMAN SUBDIVISION OF LOTS 9 & 10 IN BLOCK 3 OF THE PLATTED TOWN OF ILLINOIS (4)					
PARCEL NO.	LOT NO.	BOOK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
4-34	1,2	-	L.C. WALL	6,000	0
4-35	4,5	-	OLLIE WARD and ELLA WARD, his wife	7,800	0
4-45	3	-	ELLA H. OEBIKE	3,000	0

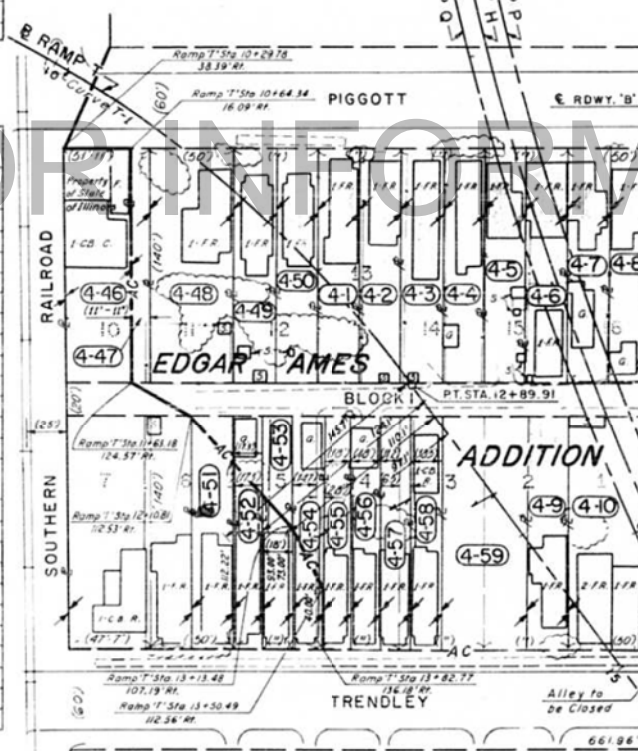
(4) BOOK OF PLATS 'B', PAGE 104

FRANK B. BOWMAN SUBDIVISION OF LOTS 6 & 7 IN BLOCK 3 OF THE PLATTED TOWN OF ILLINOIS (5)					
PARCEL NO.	LOT NO.	BOOK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
4-62	4,5	-	FRANK CASON and MARY LUE CASON, his wife	1,771	6,029
4-63	3	-	RUBILEE WEHL	1,117	1,883
4-64	1,2	-	IDA MAE HIGGINS	2,959	3,041

(5) BOOK OF PLATS 'B', PAGE 104

CURVE B-1			CURVE O-1			CURVE T-1		
PI.	=	76+37.10	PI.	=	4+02.17	PI.	=	10+04.42
Δ	=	97°39'16"	Δ	=	23°05'03"	Δ	=	50°13'06"
D	=	3*09'24"	D	=	2*54'34"	D	=	8*11'06"
R	=	1815'	R	=	1989.33'	R	=	700'
L	=	3093.47'	L	=	793.44'	L	=	813.53'
T	=	2075.25'	T	=	402.17'	T	=	328.04'
E	=	941.9'	E	=	40.85'	E	=	73.05'

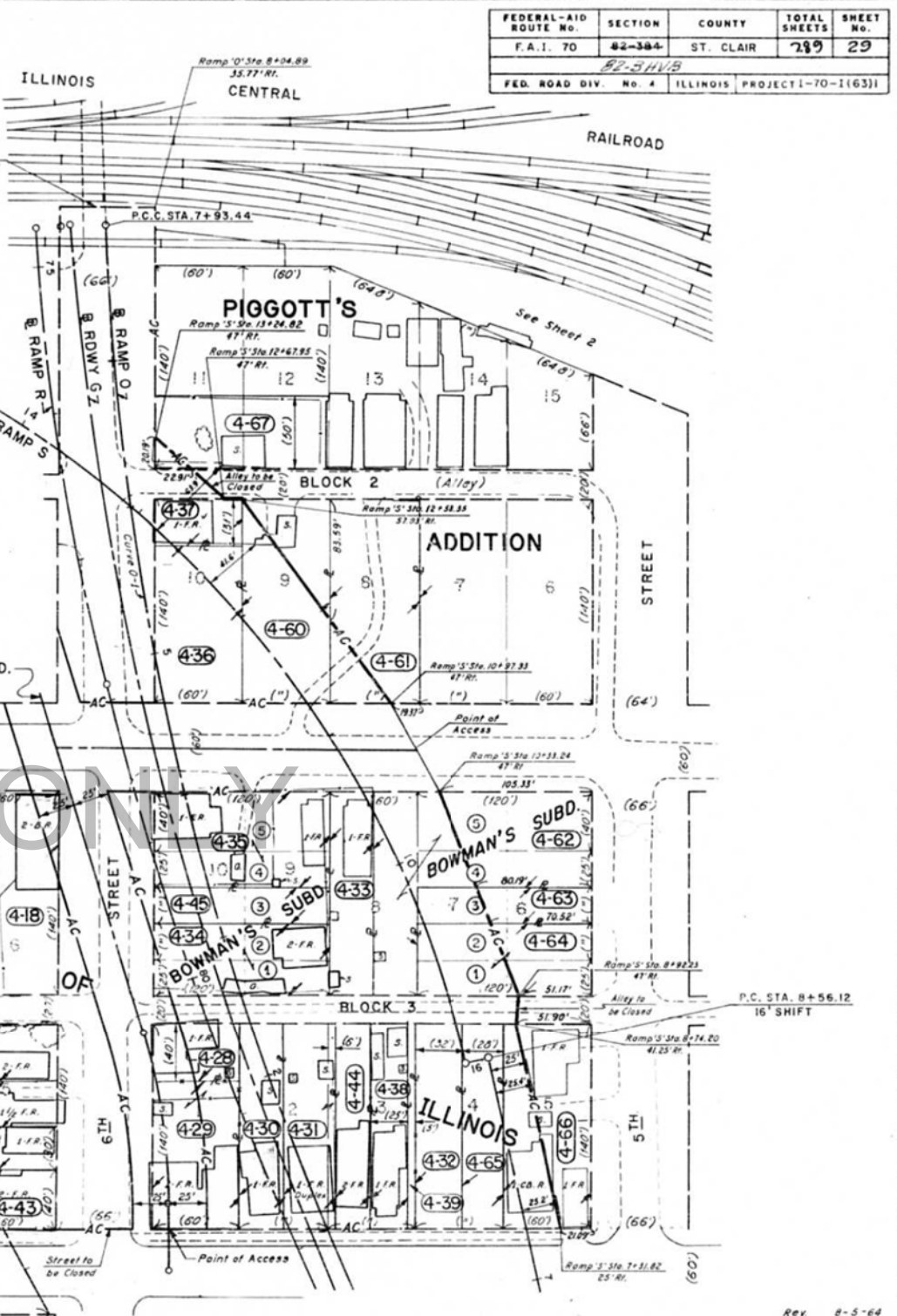
CURVE S-3		
PI.	=	15+87.49
Δ	=	92°30'40"
D	=	8*11'06"
R	=	700'
L	=	1130.24'
T	=	731.37'
E	=	312.38'



PIGGOTT'S ADDITION TO THE TOWN OF ILLINOIS (3)					
PARCEL NO.	LOT NO.	BOOK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
4-36	pt.10	2	THOMAS LEWIS and JANICE LEWIS, his wife	6,540	0
4-37	pt.10	2	GEORGE WILEY and SARAH WILEY, his wife	1,860	0
4-60	9	2	ESTATE of R.J. PECAU	5,904	2,496
4-61	8	2	FRANK IRONS and DECILE IRONS, his wife	1,150	7,250
4-67	pt.12	2	IRENE REEVES	231	5,769

(3) BOOK OF PLATS 'T' PAGE 117

- LEGEND**
- AC — Access Control and Right of Way line
  - P — Property line
  - S — Same Ownership
  - E — Existing R.O.W. line
  - 10 Lot Number
  - R Residential
  - C Commercial
  - G Garage
  - S Shed
  - 1 1/2 - 1 1/2 - Stories
  - F Frame
  - B Brick
  - C.B. Concrete Block
  - ① Lot Number
  - IC — Access Control



Thereby certify that this is a correct Plat showing the Right of Way required for a Highway known as Federal Aid Interstate Route 70, located in the City of East St. Louis, St. Clair County, Illinois, as now surveyed and staked out by H.W. Lochner, Inc., for the department of Public Works and Buildings of the State of Illinois

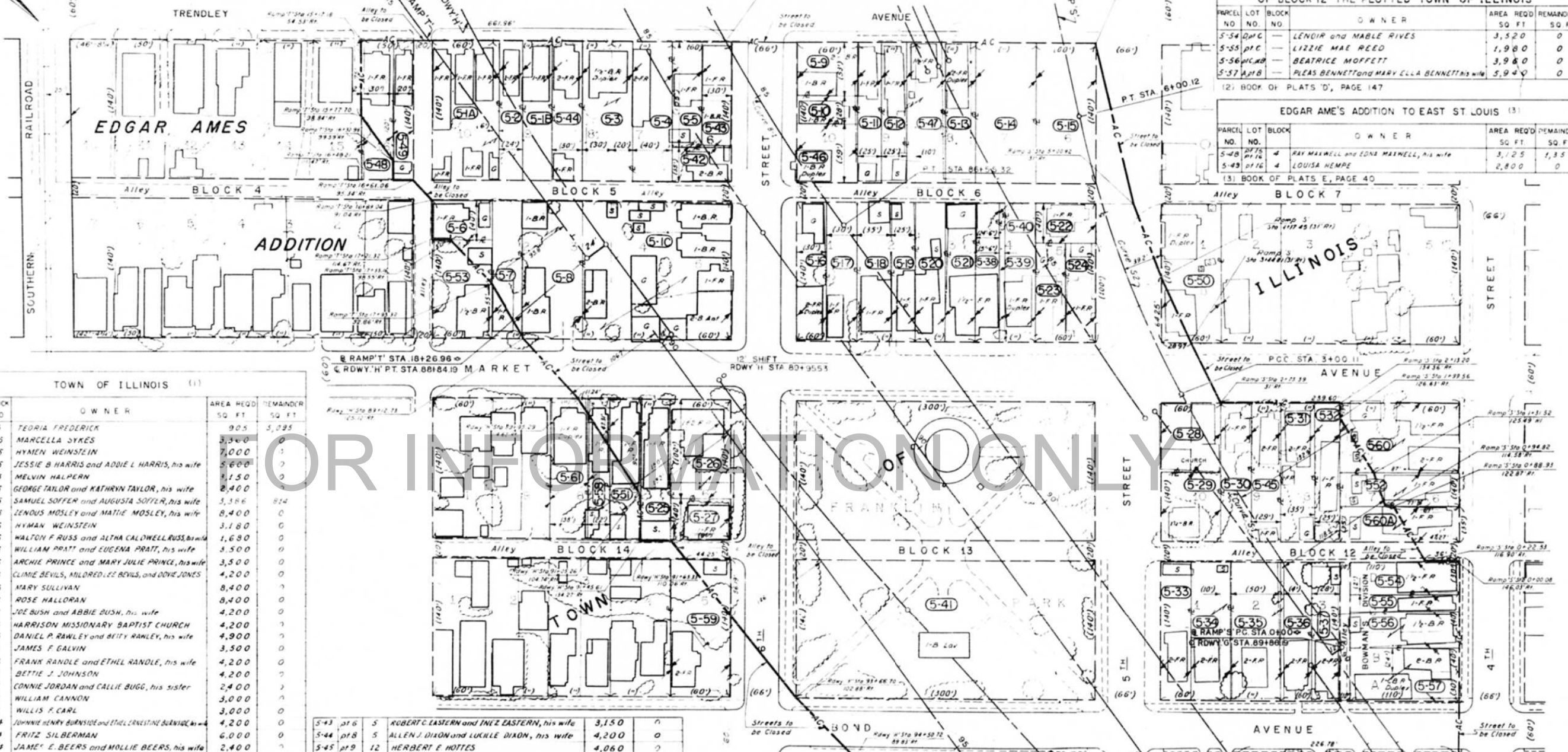
by Illinois Land Surveyor Date \_\_\_\_\_  
 Approved District Engineer Date \_\_\_\_\_

STATE OF ILLINOIS  
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
 DIVISION OF HIGHWAYS  
**F.A.I. ROUTE 70**  
**RIGHT OF WAY PLAN**  
 I.C.R.R. TO TRENDLEY AVENUE  
 SCALE: 1" = 50'

H. W. LOCHNER, INC.  
 ENGINEERS  
 CHICAGO, ILL.

CURVE B-1	CURVE S-1	CURVE S-2
P.I. = 76+37.10	P.I. = 1+50.27	P.I. = 4+51.12
Δ = 97°39'16"	Δ = 7°34'04"	Δ = 16°11'09"
D = 3'09'24"	D = 2°31'18"	D = 5°23'42"
R = 1815'	R = 2272.14'	R = 1062'
L = 3093.47'	L = 300.11'	L = 300.01'
T = 2075.25'	T = 150.27'	T = 151.01'
E = 941.97'	E = 4.96'	E = 10.68'

FEDERAL AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HV	ST. CLAIR	29	30
FED. ROAD DIV. NO. 4 ILLINOIS PROJECT: 70-11631				



BOWMAN'S DIVISION OF LOTS 4 & 5 (2)  
OF BLOCK 12 THE PLOTTED TOWN OF ILLINOIS

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
5-54	pt 6		LENDIR and MABLE RIVES	3,520	0
5-55	pt 6		LIZZIE MAE REED	1,980	0
5-56	pt 6		BEATRICE MOFFETT	3,980	0
5-57	pt 6		PLEAS BENNETT and MARY ELLA BENNETT, his wife	5,940	0

(2) BOOK OF PLATS 'D', PAGE 147

EDGAR AMES'S ADDITION TO EAST ST. LOUIS (3)

PARCEL NO.	LOT NO.	BLOCK	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
5-48	pt 16	4	RAY MAXWELL and EDNA MAXWELL, his wife	3,125	1,355
5-49	pt 16	4	LOUISA HEMPE	2,800	0

(3) BOOK OF PLATS 'E', PAGE 40

TOWN OF ILLINOIS (1)

PARCEL NO.	LOT NO.	BLOCK	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
5-1	pt 1	5	TEORIA FREDERICK	905	5,295
5-2	pt 9	5	MARCELLA DYKES	3,340	0
5-3	pt 8	5	HYMAN WEINSTEIN	7,000	0
5-4	pt 5	5	JESSIE B. HARRIS and ADDIE L. HARRIS, his wife	5,600	0
5-5	pt 6	5	MELVIN HALPERN	1,150	0
5-6	pt 1	5	GEORGE TAYLOR and KATHRYN TAYLOR, his wife	2,400	0
5-7	pt 2	5	SAMUEL SOFFER and AUGUSTA SOFFER, his wife	3,386	0
5-8	pt 3	5	ZENOUS MOSLEY and MATTIE MOSLEY, his wife	8,400	0
5-9	pt 10	6	HYMAN WEINSTEIN	3,180	0
5-10	pt 10	6	WALTON F. RUSS and ALMA CALDWELL RUSS, his wife	1,680	0
5-11	pt 9	6	WILLIAM PRATT and EUGENA PRATT, his wife	3,500	0
5-12	pt 9	6	ARCHIE PRINCE and MARY JULIE PRINCE, his wife	3,500	0
5-13	pt 8	6	CLIMBE BEVILS, MILDRED LEE BEVILS, and ODIE JONES	4,200	0
5-14	7	6	MARY SULLIVAN	8,400	0
5-15	6	6	ROSE HALLORAN	8,400	0
5-16	pt 1	6	JOE BUSH and ABBIE BUSH, his wife	4,200	0
5-17	pt 1	6	HARRISON MISSIONARY BAPTIST CHURCH	4,200	0
5-18	pt 2	6	DANIEL P. RAWLEY and BETTY RAWLEY, his wife	4,900	0
5-19	pt 2	6	JAMES F. GALVIN	3,500	0
5-20	pt 3	6	FRANK RANDLE and ETHEL RANDLE, his wife	4,200	0
5-21	pt 3	6	BETTIE J. JOHNSON	4,200	0
5-22	pt 5	6	CONNIE JORDAN and CALLIE BUGG, his sister	2,400	0
5-23	pt 5	6	WILLIAM CANNON	3,000	0
5-24	pt 5	6	WILLIS F. CARL	3,000	0
5-25	pt 7	14	JOHNNIE HENRY BURNSIDE and ETHEL ERNESTINE BURNSIDE, his wife	4,200	0
5-26	pt 6	14	FRITZ SILBERMAN	6,000	0
5-27	pt 6	14	JAMES E. BEERS and MOLLIE BEERS, his wife	2,400	0
5-28	pt 10	12	ANNA WINKLER	4,200	0
5-29	pt 10	12	GREGORY TURNER and JESSIE TURNER, his wife	4,200	0
5-30	pt 9	12	LUCY BOUNDS	4,340	0
5-31	pt 8	12	W.A. KOPP and ANITA E. KOPP, his wife	4,900	0
5-32	pt 8	12	MOSES HUGHES and GEORGIA L. HUGHES, his wife	3,500	0
5-33	pt 1	12	SIDNEY THORNTON and BELLA THORNTON, his wife	4,200	0
5-34	pt 2	12	WILLIAM Z. TROUT and NORA TROUT, his wife	5,600	0
5-35	pt 3	12	FOSTER CALVERT and BORIS M. CALVERT, his wife	7,560	0
5-36	pt 3	12	EDWIN J. SIERON	3,920	0
5-37	pt 3	12	CHARITY FANNELL	3,920	0
5-38	pt 4	6	GORDON CURD	3,430	0
5-39	pt 4	6	HAROLD G. BAKER	770	0
5-40	pt 4	6	JOSEPHINE MORAWSKI and ANDREW MORAWSKI, her husband	4,200	0
5-41	pt 11	13	CITY OF EAST ST. LOUIS	8,400	0
5-42	pt 6	5	JAMES H. OLDHAM and ETHER OLDHAM, his wife	2,100	0

5-43	pt 6	5	ROBERT C. EASTERN and INEZ EASTERN, his wife	3,150	0
5-44	pt 8	5	ALLEN J. DIXON and LUKLE DIXON, his wife	4,200	0
5-45	pt 9	12	HERBERT E. HOTTES	4,060	0
5-46	pt 10	6	ELIZABETH CAMPBELL, et. al.	3,340	0
5-47	pt 9	6	ROSELLER MARIE NELSON	5,600	0
5-50	1	7	JACK GIGGER and WILLIE GIGGER, his wife	931	7,469
5-51	pt 7	14	J.P. DRURY	2,060	2,140
5-52	pt 7	12	ARTHUR TUCKER and ETHEL TUCKER, his wife	1,336	2,864
5-51A	pt 9	5	HERBERT E. HOTTES	9240	0
5-51B	pt 9	5	HERBERT E. HOTTES	4,200	0
5-51C	pt 9	5	HERBERT E. HOTTES	21,000	0
5-58	pt 8	14	ELDRA ROWERY and ANNA MAE ROWERY, his wife	696	2,384
5-59	5	14	LOUIS D. HAGES and CHERRY L. HAGES, his wife	1,243	7,157
5-60	pt 8	12	HERBERT E. HOTTES	912	7,488
5-60A	pt 8	12	HERBERT E. HOTTES	2,207	1,993
5-61	pt 8	14	EMMA L. YEACH	90	5,230

- LEGEND**
- AC — Access Control and Right of Way line
  - P — Property line
  - S — Same Ownership
  - E — Existing R.O.W. line
  - (100) — Recorded dimension
  - 10' — Measured dimension
  - 10' — Lot Number
  - R — Residential
  - C — Commercial
  - G — Garage
  - S — Shed
  - 1 1/2 — 1 1/2 - Stories
  - F — Frame
  - B — Brick
  - C.B. — Concrete Block
  - AC — Access Control line

I hereby certify that this is a correct Plot showing the Right of Way required for a Highway known as Federal Aid Interstate Route 70, located in the City of East St. Louis, St. Clair County, Illinois, as now surveyed and staked out by H. W. Lochner, Inc., for the Department of Public Works and Buildings of the State of Illinois.

by \_\_\_\_\_ Illinois Land Surveyor \_\_\_\_\_ Date \_\_\_\_\_  
 Approved \_\_\_\_\_ District Engineer \_\_\_\_\_ Date \_\_\_\_\_

STATE OF ILLINOIS  
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
 DIVISION OF HIGHWAYS  
**F. A. I. ROUTE 70**  
**RIGHT OF WAY PLAN**  
 TRENDLEY AVE. TO BOND AVE.  
 SCALE: 1" = 50'

H. W. LOCHNER, INC.  
 ENGINEERS  
 CHICAGO, ILL.

**GENERAL NOTES**

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

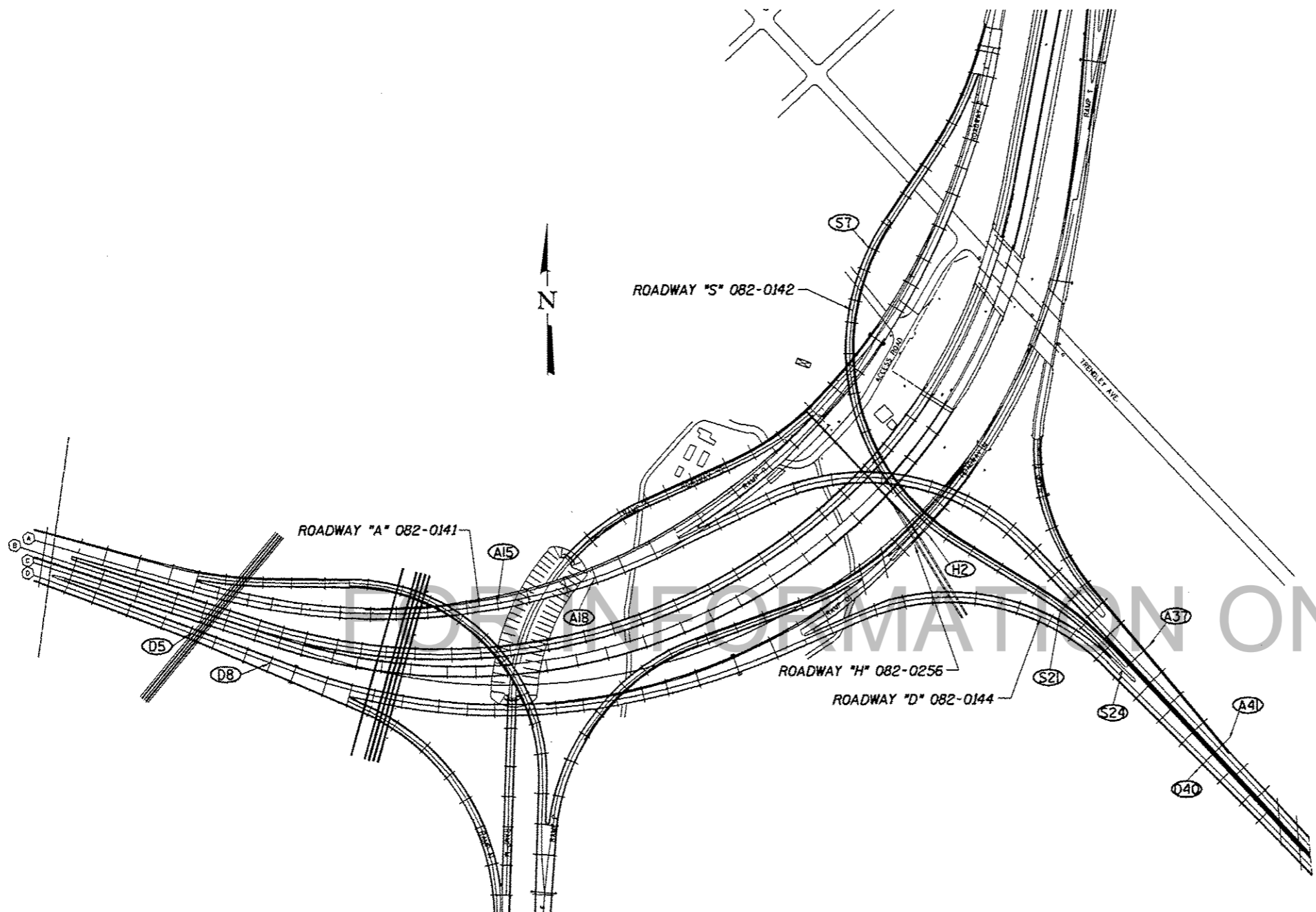
Fasteners shall be high strength bolts. Bolts 7/8"φ, open holes 15/16"φ, unless otherwise noted.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the GBSP "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Structural Steel Repair.

Shotcrete is only allowed for the Structural Repair of Concrete on the underside of the cross beams. Column repairs to be completed using Formed Concrete. See Special Provisions.



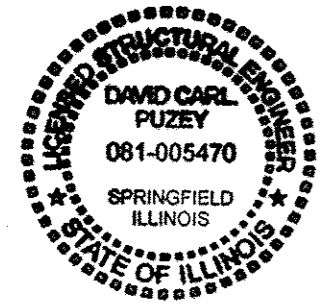
**PLAN**

**SCOPE OF WORK**

- SN 082-0141 - Girder end repairs at Piers A15, A18 & A41  
Girder repairs at Span A37
- SN 082-0144 - Concrete repairs at Piers D5 & D8 & Girder end repairs at Pier D40
- SN 082-0142 - Concrete repairs at Piers S7, S21 & S24
- SN 082-0256 - Concrete repairs at Pier H2

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Structural Steel Repair	Lbs.	5050
Structural Repair of Concrete Depth ≤ 5"	Sq. Ft.	1961
Temporary Shoring & Cribbing	Each	11
Fiber Wrap	Sq. Ft.	2540
Acrylic Coating	Sq. Yd.	282
Column Tensioned Strands	Each	4



Expires: November 30, 2018

DESIGNED - *[Signature]*  
 CHECKED - *[Signature]*  
 DRAWN - Kyle M. Steffen/baliva  
 CHECKED - *[Signature]*

PASSED  
*[Signature]*  
 ENGINEER OF BRIDGES AND STRUCTURES

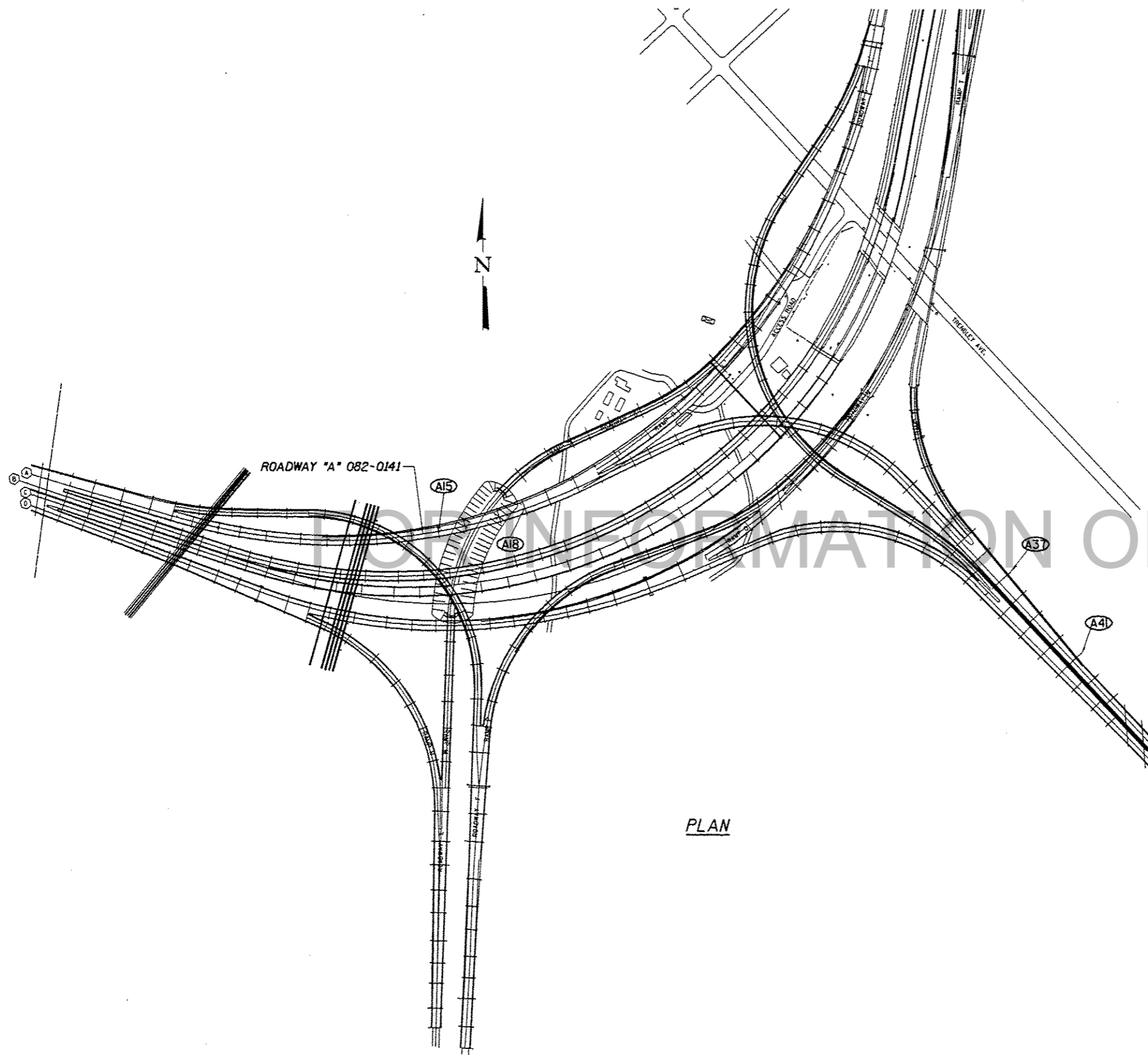
DATE - JANUARY 30, 2017  
 REVISED  
 REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

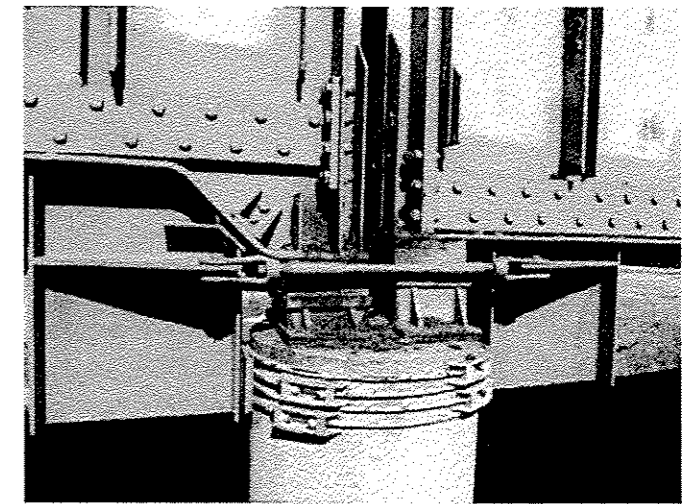
**GENERAL PLAN**  
**POPLAR STREET BRIDGE APPROACH REPAIRS**  
 SN 082-0141, 0142, 0144 & 0256  
 SHEET NO. 1 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HVB-2R-2-B-R	ST. CLAIR	27	15

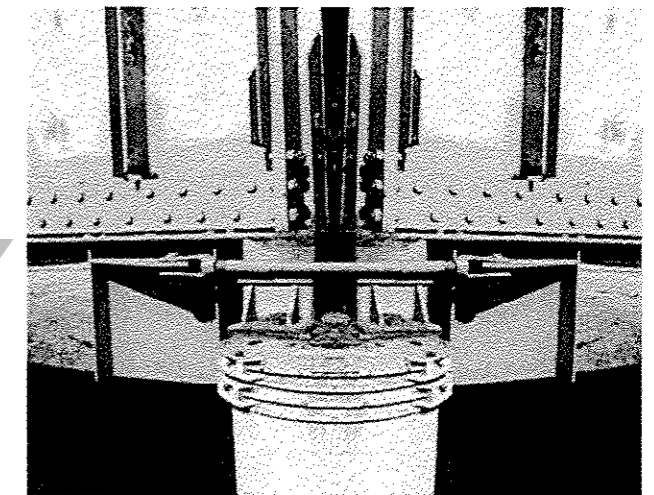
CONTRACT NO. 76J68  
 ILLINOIS FED. AID PROJECT



PLAN



PIER A15



PIER A18



PIER A41

DESIGNED - VHV  
 CHECKED - DAB  
 DRAWN - balliva  
 CHECKED - VHV OAB

PASSED  
*A. Carl Perry*  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - JANUARY 30, 2017  
 REVISED  
 REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY "A"  
 SN 082-0141

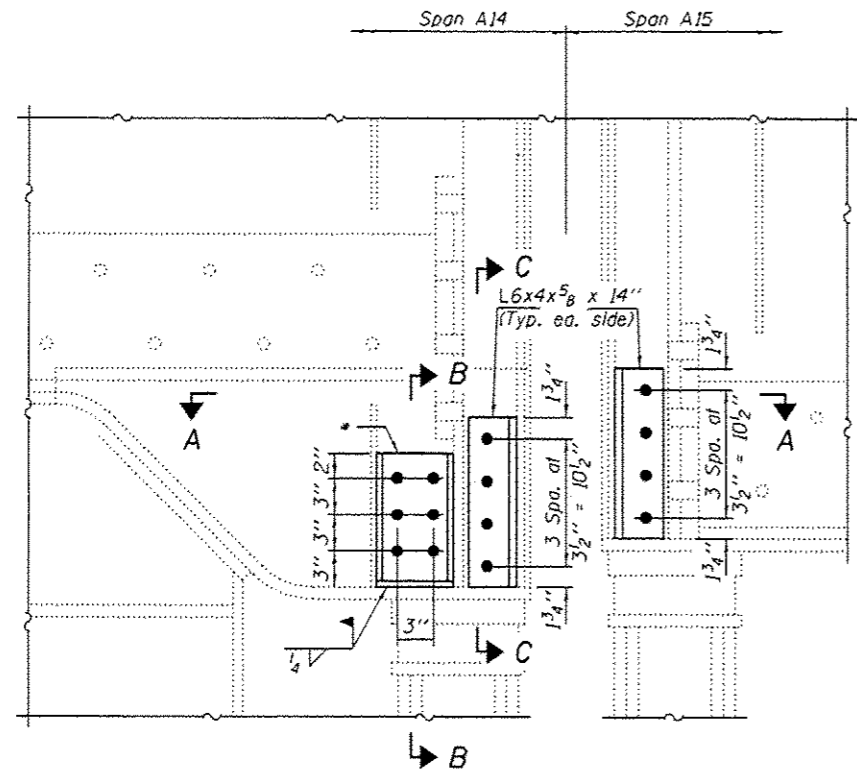
SHEET NO. 2 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	B2-3HVB-2R-2-B-R	ST. CLAIR	27	16

CONTRACT NO. 76J68

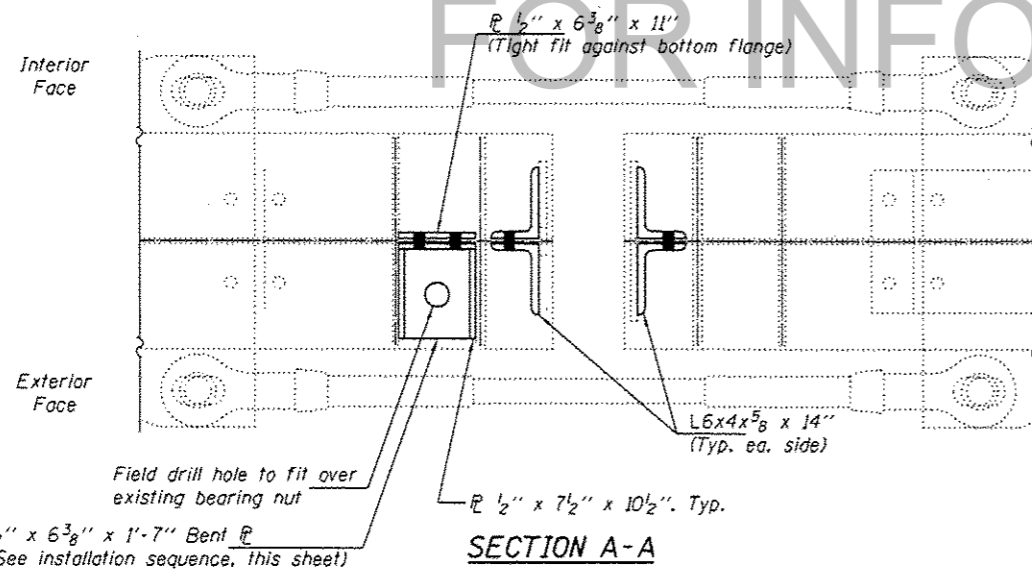
ILLINOIS FED. AID PROJECT





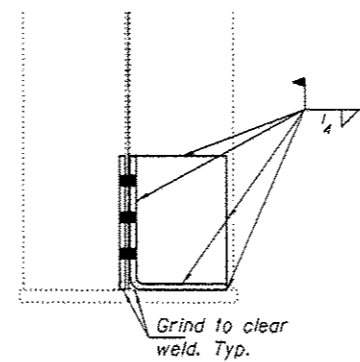
**PIER A15 GIRDER END REPAIR DETAILS**  
(Typ. Girders A1 & A2)

\*  $\frac{1}{2}$ " x  $6\frac{3}{8}$ " x 1'-7" Bent  $\square$  Exterior face  
 $\square$   $\frac{1}{2}$ " x  $6\frac{3}{8}$ " x 11" Interior face

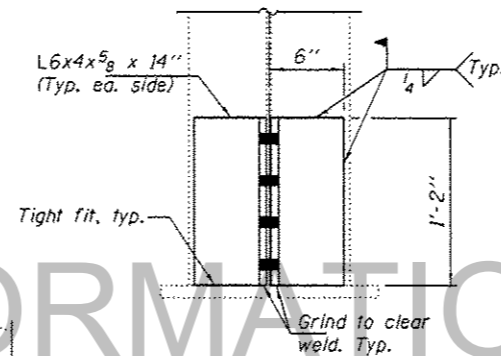


**INSTALLATION SEQUENCE**

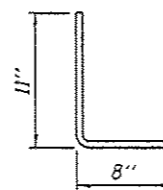
- 1) Install bent plate over bearing nut.
- 2) Bolt bent plate to web and weld outstanding leg to bottom flange.
- 3) Install  $\frac{1}{2}$ " x  $7\frac{1}{2}$ " x  $10\frac{1}{2}$ " plate tight against bent plate and stiffener.
- 4) Field weld  $\frac{1}{2}$ " x  $7\frac{1}{2}$ " x  $10\frac{1}{2}$ " plate to bent plate and stiffener.



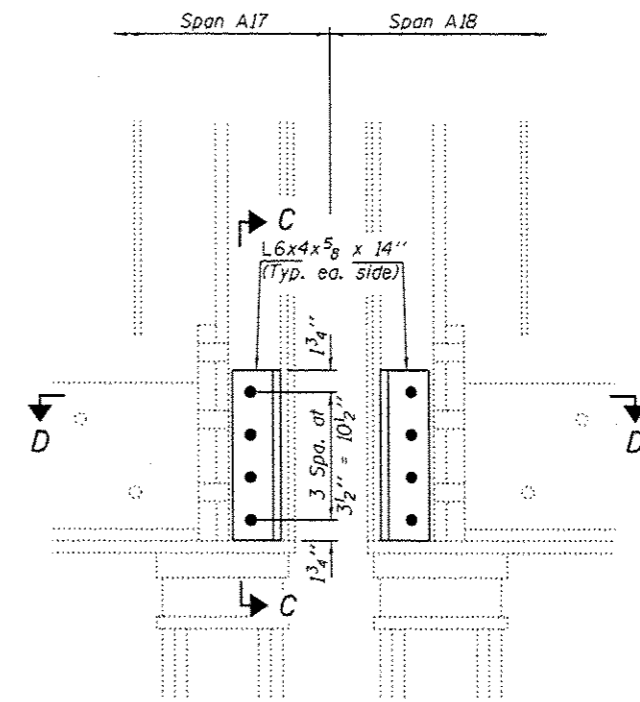
**SECTION B-B**



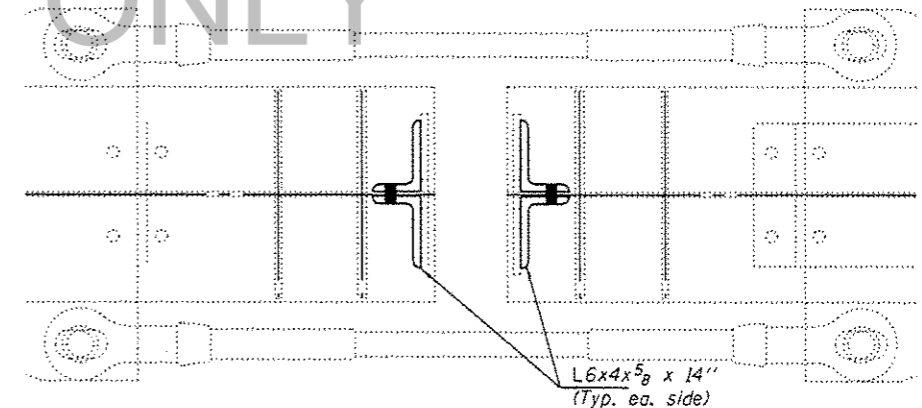
**SECTION C-C**



**BENT PLATE**  
 $\square$   $\frac{1}{2}$ " x  $6\frac{3}{8}$ " x 1'-7"  
 (2 Required)



**PIER A18 GIRDER END REPAIR DETAILS**  
(Typ. Girders A1 & A2)



**SECTION D-D**

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	480

DESIGNED - VHV  
 CHECKED - DAB  
 DRAWN - Kyle M. Stoffen/balva  
 CHECKED - VHV DAB

PASSED

*Carl Perry*  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - JANUARY 30, 2017

REVISED  
 REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY "A" BEAM REPAIR DETAILS

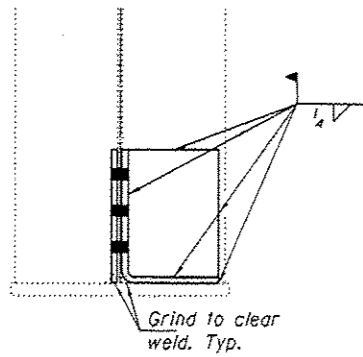
PIER A15 & PIER A18

SN 082-0141

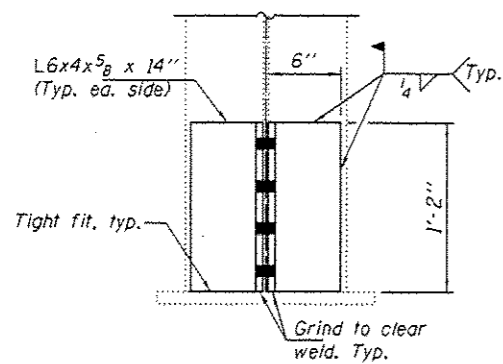
SHEET NO. 3 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HV8-2R-2-B-R	ST. CLAIR	27	17

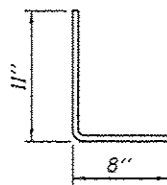
CONTRACT NO. 76J68  
 ILLINOIS FED. AID PROJECT



SECTION B-B



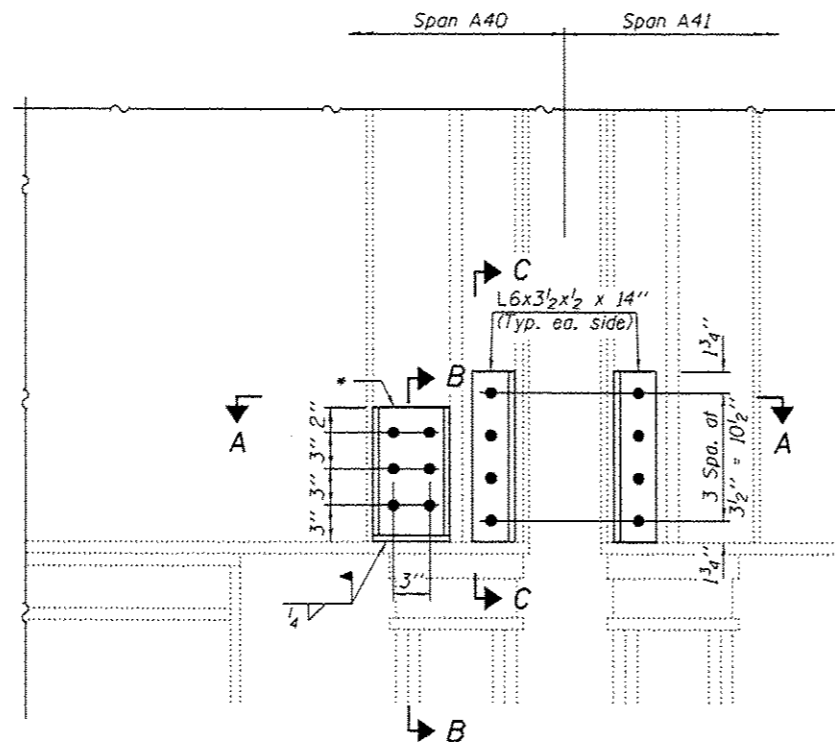
SECTION C-C



**BENT PLATE**  
 1/2" x 6 3/8" x 1'-7"  
 (2 Required)

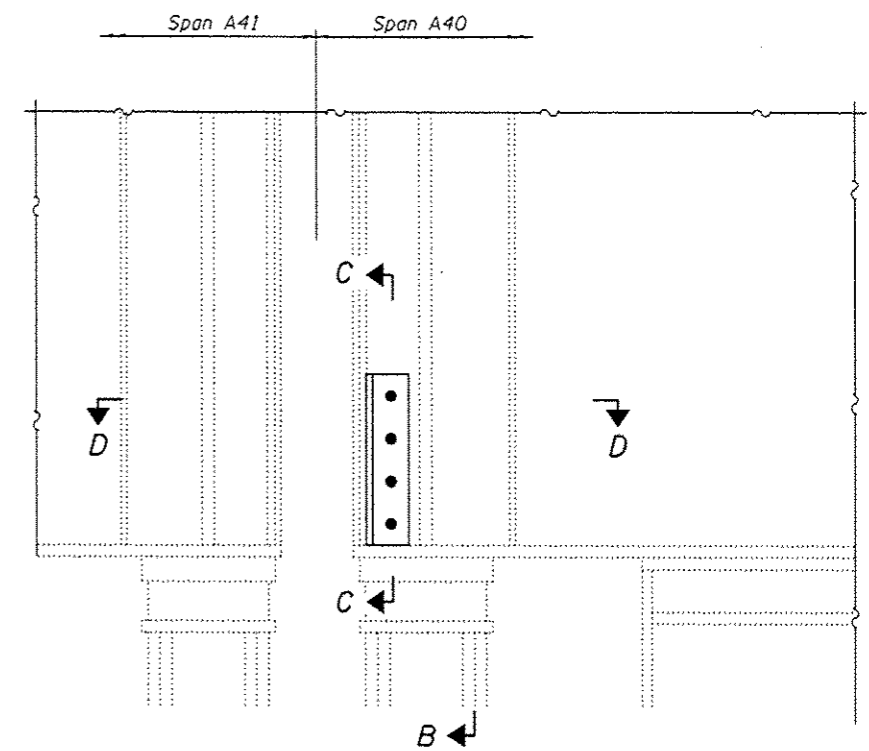
**INSTALLATION SEQUENCE**

- 1) Install bent plate over bearing nut.
- 2) Bolt bent plate to web and weld outstanding leg to bottom flange.
- 3) Install 1/2" x 7 1/2" x 10 1/2" plate tight against bent plate and stiffener.
- 4) Field weld 1/2" x 7 1/2" x 10 1/2" plate to bent plate and stiffener.



**PIER A41 GIRDER END REPAIR DETAILS**

(Typ. Inside Face Girder A1)

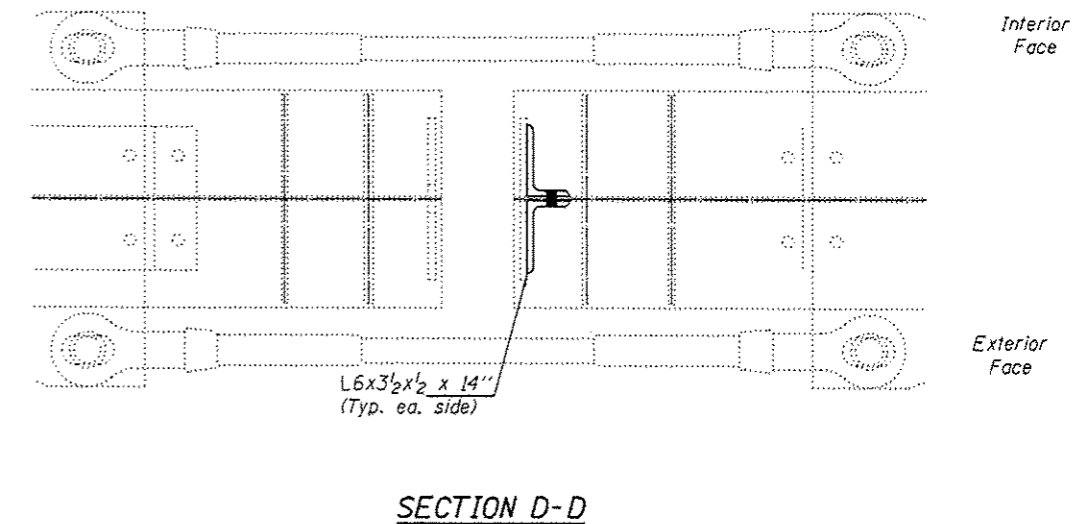
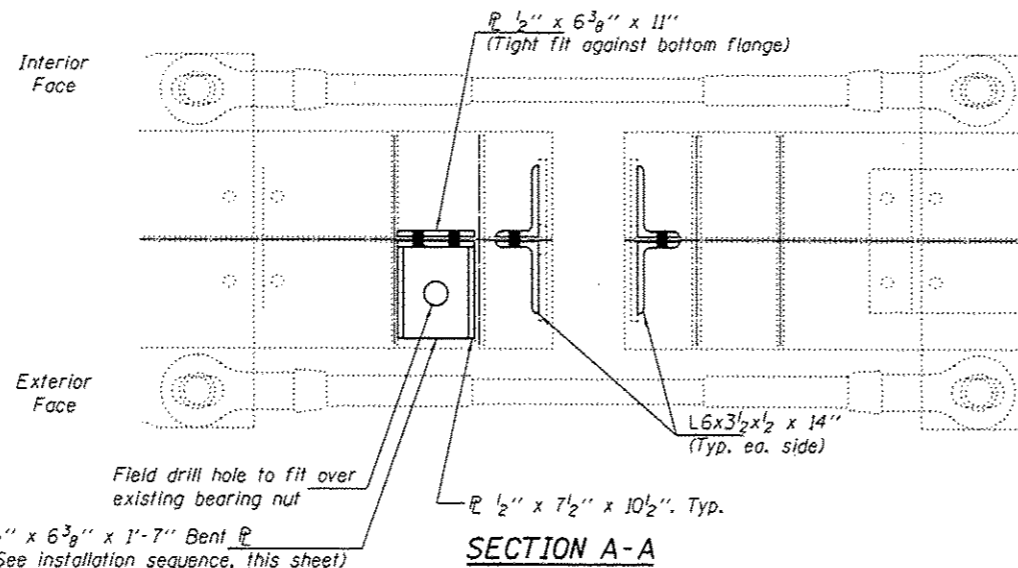


**PIER A41 GIRDER END REPAIR DETAILS**

(Typ. Inside Face Girder A2)

FOR INFORMATION ONLY

- 1/2" x 6 3/8" x 1'-7" Bent P. Exterior face
- 1/2" x 6 3/8" x 11" Interior face



**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	170

DESIGNED - VHV  
 CHECKED - DAB  
 DRAWN - Kyle M. Stoffen/balva  
 CHECKED - VHV DAB

PASSED

*Carl Pappas*  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - JANUARY 30, 2017

REVISED  
 REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY "A" BEAM REPAIR DETAILS

PIER A41

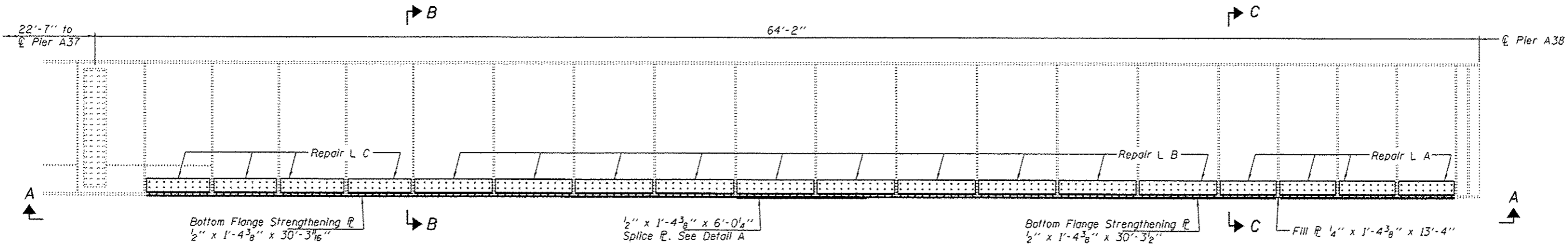
SN 082-0141

SHEET NO. 4 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HVB-2R-2-B-R	ST. CLAIR	27	18

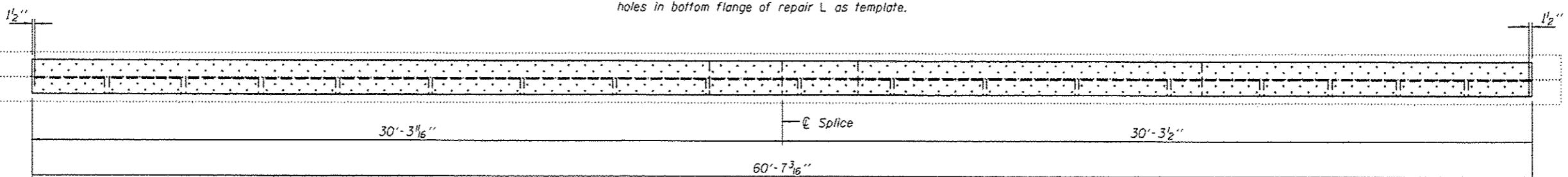
CONTRACT NO. 76J68

ILLINOIS FED. AID PROJECT



**SPAN A37, GIRDER A2 BEAM STRENGTHENING DETAIL**  
(Looking at exterior face of Girder A2)

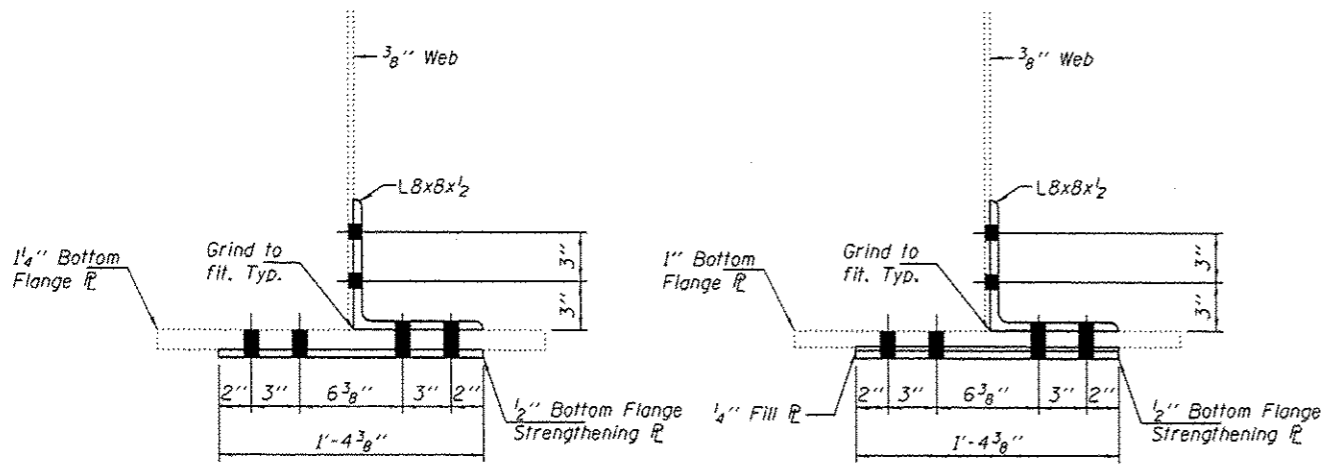
Note:  
Drill holes in bottom flange repair  $\bar{R}$  using holes in bottom flange of repair L as template.



VIEW A-A

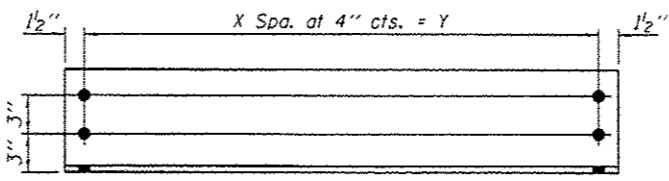
Cleaning & painting of all connections on this sheet shall meet the requirements for Primary Connections as specified in the special provision for "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

FOR INFORMATION ONLY

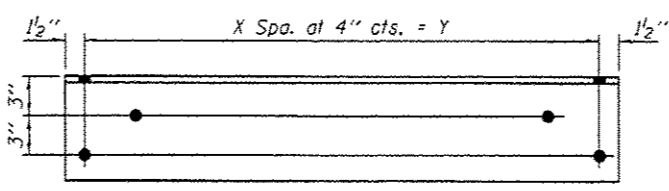


SECTION B-B

SECTION C-C



ELEVATION



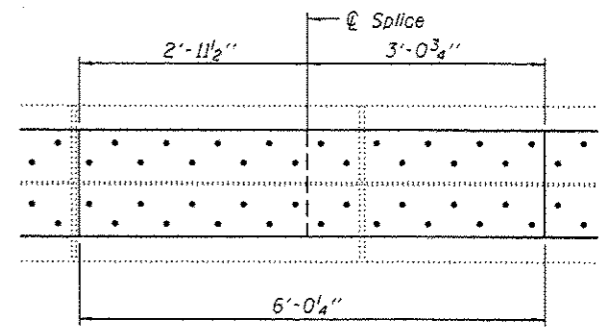
PLAN

REPAIR L

L 8x8x1/2 x L

REPAIR L DIMENSIONS

L	L	X	Y	No. req'd.
A	2'-7"	7	2'-4"	4
B	3'-7"	10	3'-4"	10
C	2'-11"	8	2'-8"	4



DETAIL A

Splice  $\bar{R}$  1/2" x 1'-4 3/8" x 6'-0 1/4" (1 Required)  
Repair angles not shown for clarity.  
Drill holes in Splice  $\bar{R}$  using holes in bottom flange of repair L as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	4140

DESIGNED - VHV  
CHECKED - DAB  
DRAWN - bollva  
CHECKED - VHV DAB

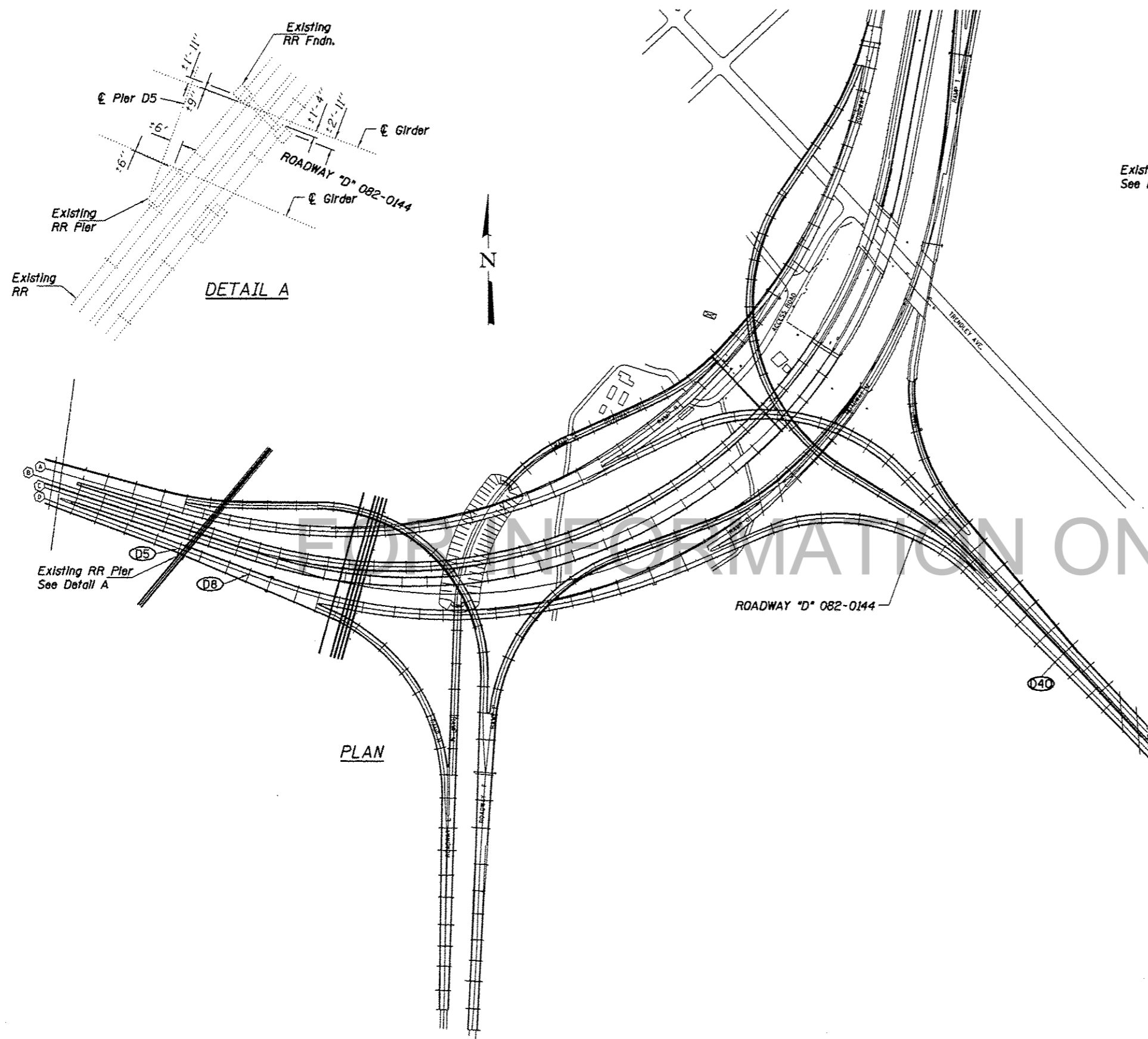
DATE - JANUARY 30, 2017  
PASSED  
*A. Carl Papp*  
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BOTTOM FLANGE REPAIR (SPAN A37, GIRDER A2)  
ROADWAY "A"  
SN 082-0141  
SHEET NO. 5 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HVB-2R-2-B-R	ST. CLAIR	27	19

CONTRACT NO. 76J68  
ILLINOIS FED. AID PROJECT



PIER D5



PIER D8



PIER D40

DESIGNED - VHV  
 CHECKED - DAB  
 DRAWN - bellva  
 CHECKED - VHV DAB

PASSED  
*A. Carl Pross*  
 ENGINEER OF BRIDGES AND STRUCTURES

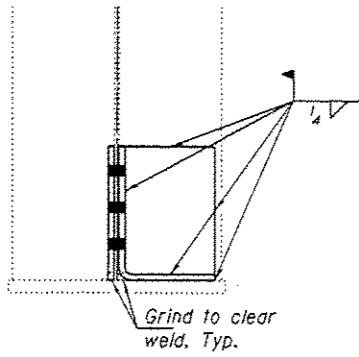
DATE - JANUARY 30, 2017  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

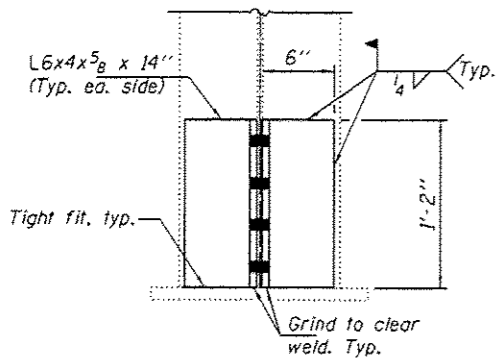
ROADWAY "D"  
 SN 082-0144

SHEET NO. 6 OF 13 SHEETS

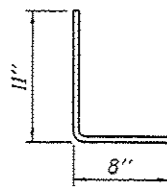
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HVB-2R-2-B-R	ST. CLAIR	27	20
				CONTRACT NO. 76J68
ILLINOIS FED. AID PROJECT				



**SECTION B-B**



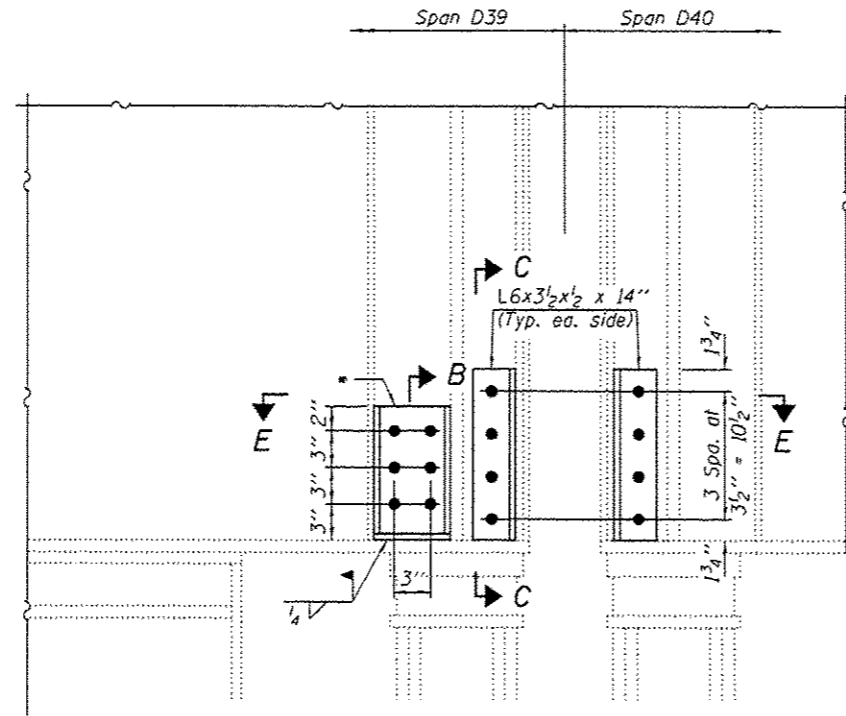
**SECTION C-C**



**BENT PLATE**  
 $\frac{1}{2}$ " x 6 $\frac{3}{8}$ " x 1'-7"  
 (2 Required)

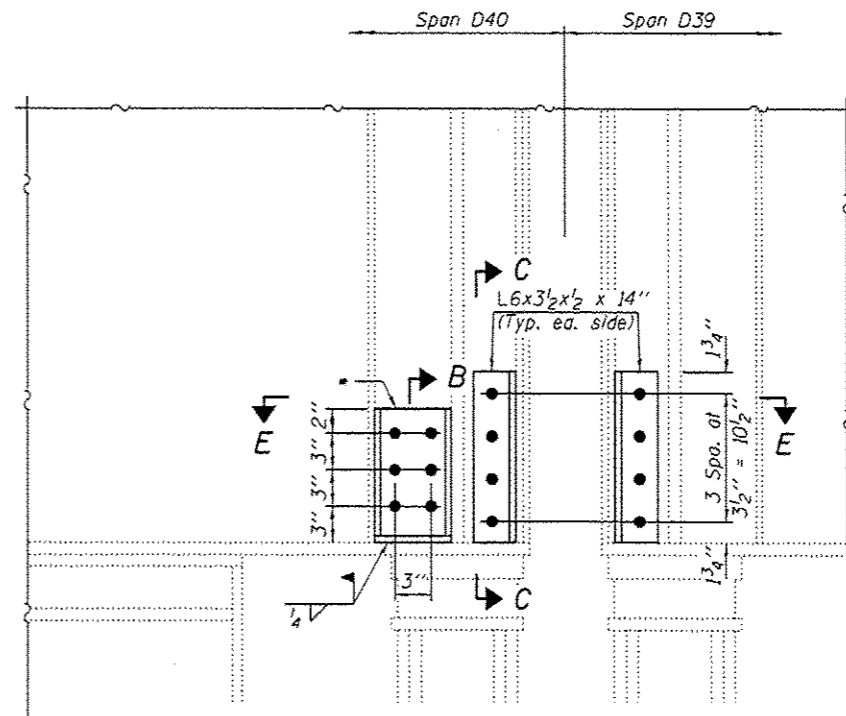
**INSTALLATION SEQUENCE**

- 1) Install bent plate over bearing nut.
- 2) Bolt bent plate to web and weld outstanding leg to bottom flange.
- 3) Install  $\frac{1}{2}$ " x 7 $\frac{1}{2}$ " x 10 $\frac{1}{2}$ " plate tight against bent plate and stiffener.
- 4) Field weld  $\frac{1}{2}$ " x 7 $\frac{1}{2}$ " x 10 $\frac{1}{2}$ " plate to bent plate and stiffener.



**PIER D40 GIRDER END REPAIR DETAILS**

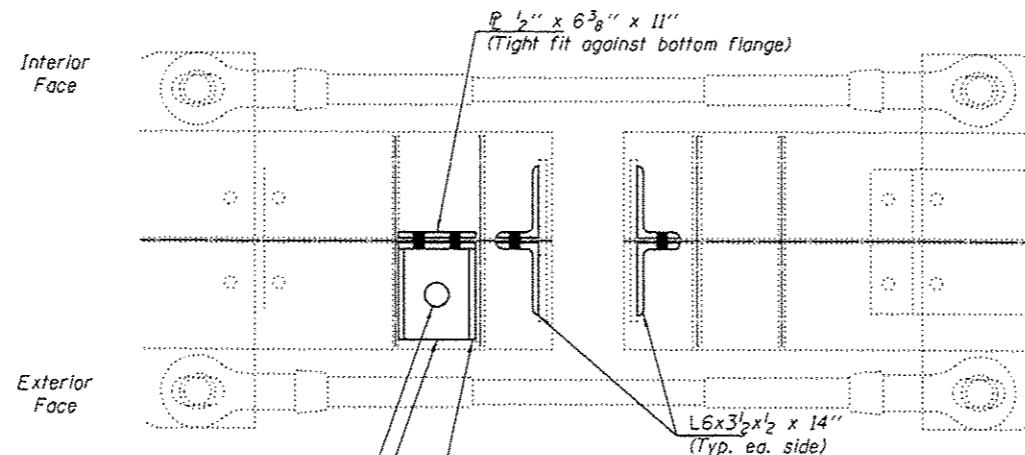
(Typ. Inside Face Girder D1)



**PIER D40 GIRDER END REPAIR DETAILS**

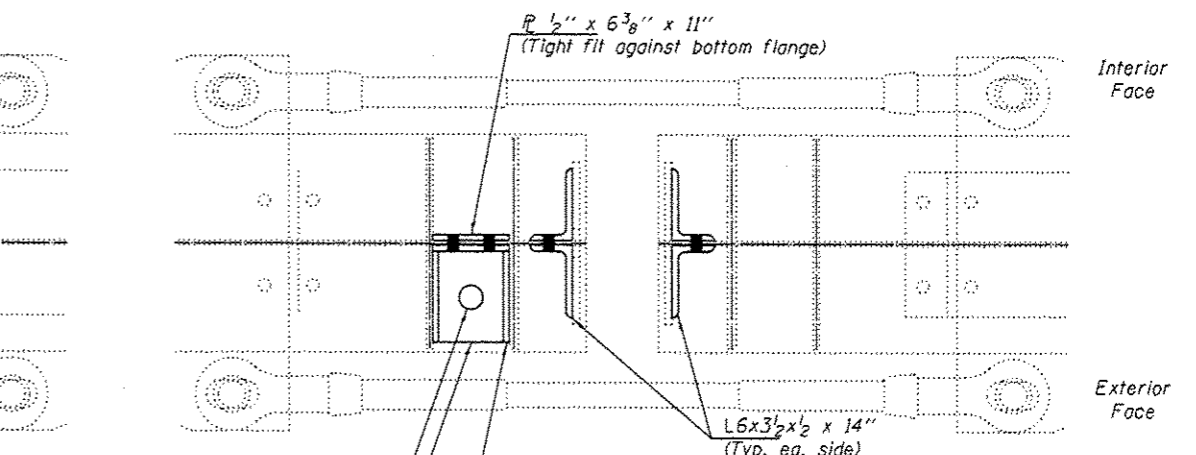
(Typ. Inside Face Girder D2)

FOR INFORMATION ONLY



**SECTION E-E**

$\frac{1}{2}$ " x 6 $\frac{3}{8}$ " x 1'-7" Bent  $\frac{1}{2}$ "  
 (See Installation sequence, this sheet)



**SECTION E-E**

$\frac{1}{2}$ " x 6 $\frac{3}{8}$ " x 1'-7" Bent  $\frac{1}{2}$ "  
 (See Installation sequence, this sheet)

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	260

DESIGNED - VHV  
 CHECKED - DAB  
 DRAWN - Kyle M. Steffen/balva  
 CHECKED - VHV DAB

PASSED

*Carl Perry*  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - JANUARY 30, 2017

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY "B" BEAM REPAIR DETAILS

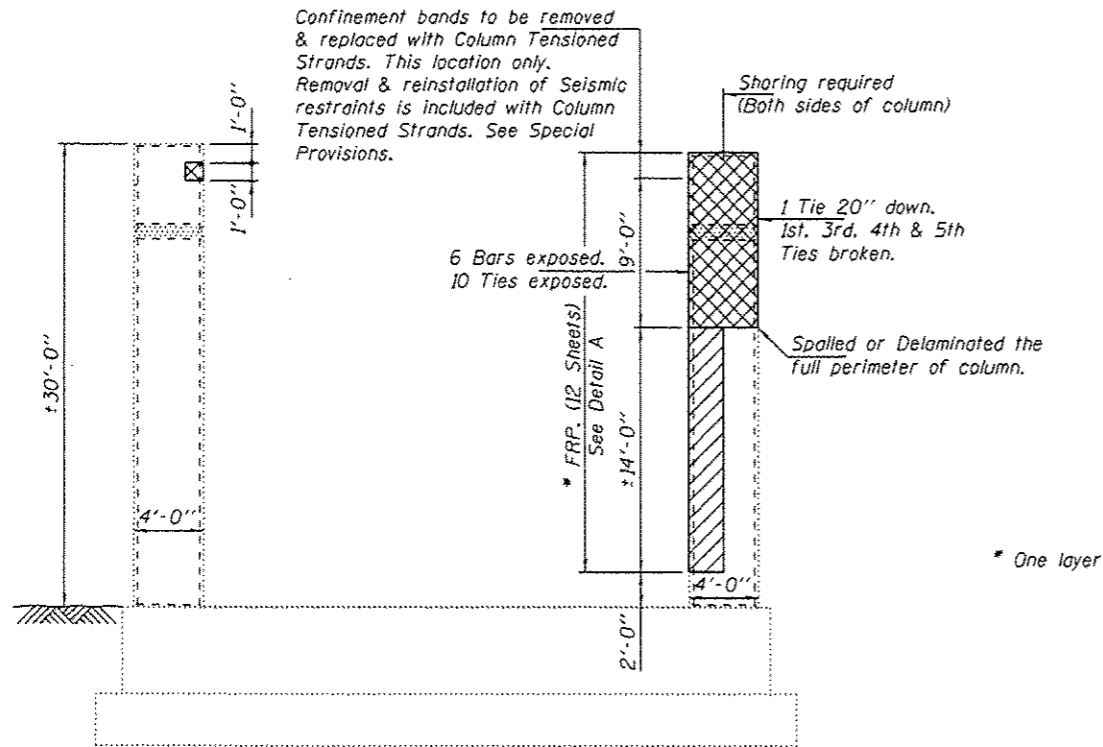
PIER D40

SN 082-0144

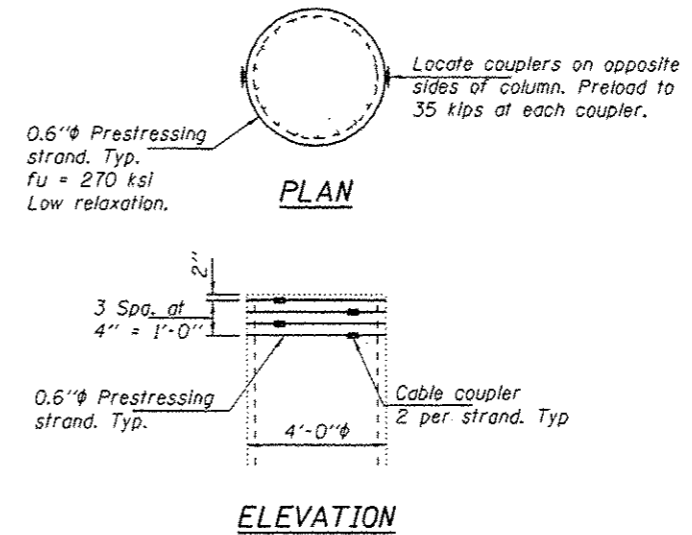
SHEET NO. 7 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	B2-3HVB-2R-2-B-R	ST. CLAIR	27	21

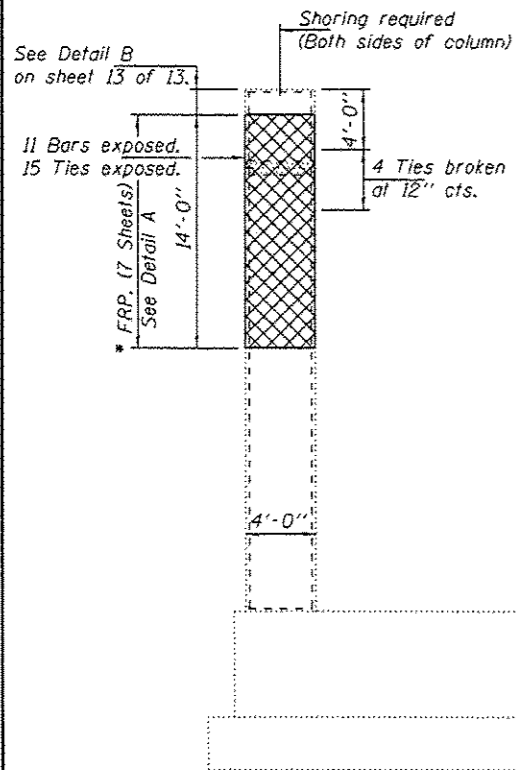
CONTRACT NO. 76J68  
 ILLINOIS FED. AID PROJECT



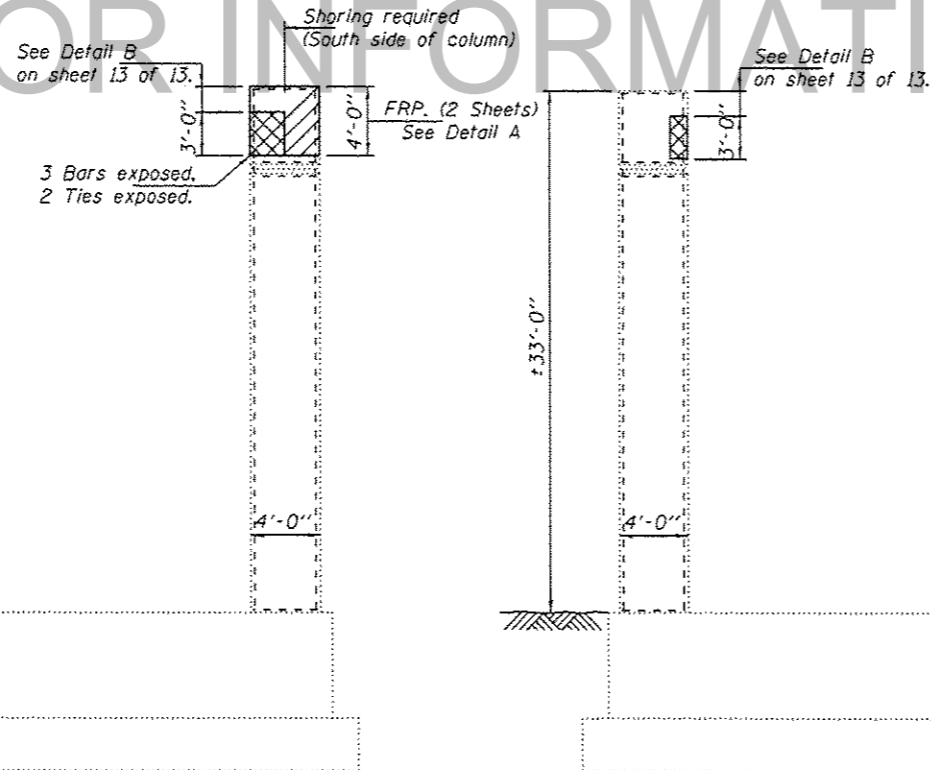
**PIER D5 REPAIRS**  
(Looking Southeast)



FOR INFORMATION ONLY

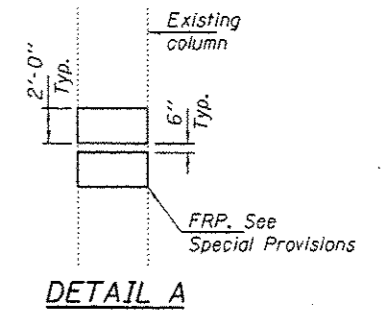


**PIER D8 REPAIRS**  
(Looking Northwest)



**PIER D8 REPAIRS**  
(Looking Southeast)

- Delaminated Concrete
- Spalled Concrete with exposed bars.



Note:  
For Pier Repair Details, see sheet 9 of 13.

PIER D5			PIER D8		
REACTION TABLE AT TEMPORARY SHORING			REACTION TABLE AT TEMPORARY SHORING		
	Span D4	Span D5		Span D7	Span D8
Q (k)	102.0	78.0	Q (k)	78.0	78.0
L (k)	57.0	46.0	L (k)	46.0	46.0
Imp. (k)	12.0	11.0	Imp. (k)	11.0	11.0
Total (k)	171.0	135.0	Total (k)	135.0	135.0

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Structural Repair of Concrete Depth ≤ 5"	Sq. Ft.	587
Temporary Shoring & Cribbing	Each	5
Fiber Wrap	Sq. Ft.	725
Acrylic Coating	Sq. Yd.	80
Column Tensioned Strands	Each	4

DESIGNED - VHV  
CHECKED - DAB  
DRAWN - Kyle M. Steffen  
CHECKED - VHV DAB

PASSED  
*[Signature]*  
ENGINEER OF BRIDGES AND STRUCTURES

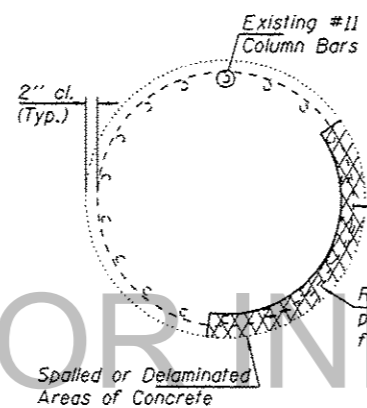
DATE - JANUARY 30, 2017  
REVISED  
REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

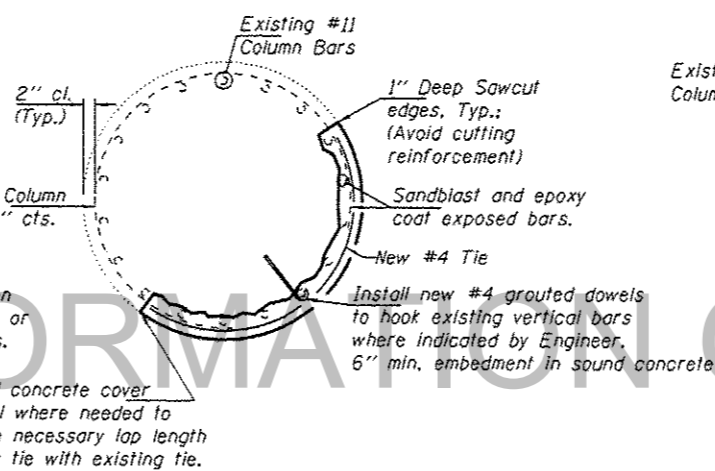
PIER REPAIR LOCATIONS  
ROADWAY "D"  
SN 082-0144  
SHEET NO. 8 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HV8-2R-2-B-R	ST. CLAIR	21	22

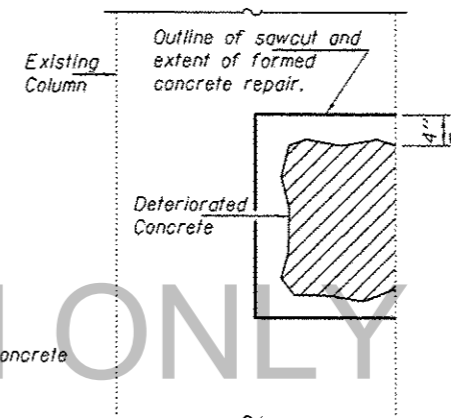
CONTRACT NO. 76J68  
ILLINOIS FED. AID PROJECT



TYPICAL SECTION THRU EXISTING PIER COLUMN



TYPICAL SECTION THRU PIER COLUMN REPAIR



TYPICAL CONCRETE COLUMN REPAIR

MINIMUM BAR LAP  
#4 bar = 1'-10"

DESIGNED - VHV  
CHECKED - DAB  
DRAWN - Kyle M. Steffen  
CHECKED - VHV DAB

PASSED

*Carl Perry*  
ENGINEER OF BRIDGES AND STRUCTURES

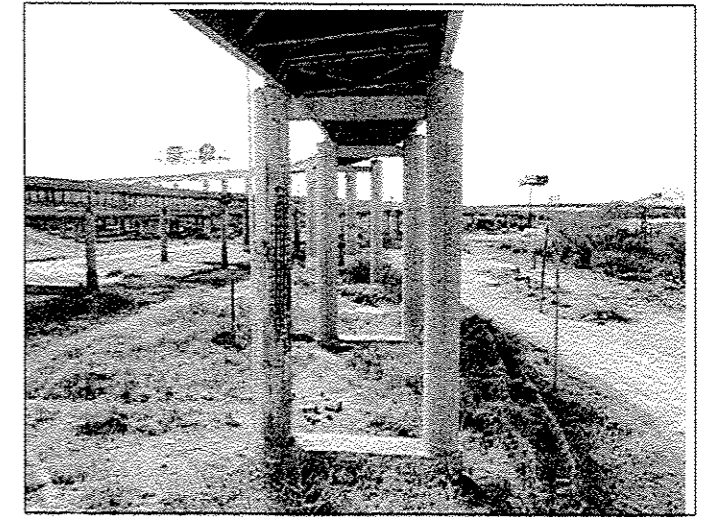
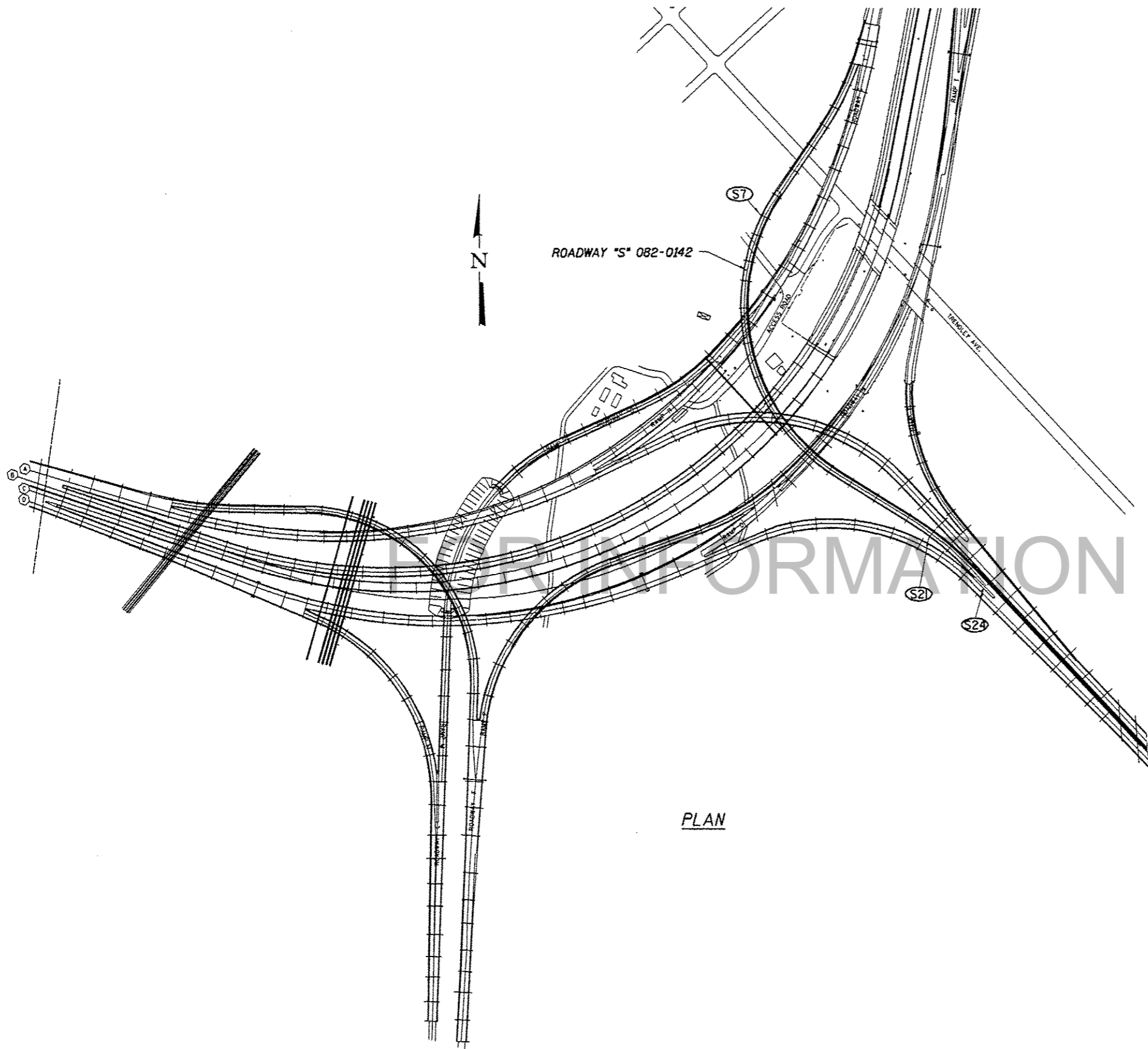
DATE - JANUARY 30, 2017

REVISED  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PIER REPAIR LOCATIONS  
ROADWAY "D"  
SN 082-0144  
SHEET NO. 9 OF 13 SHEETS

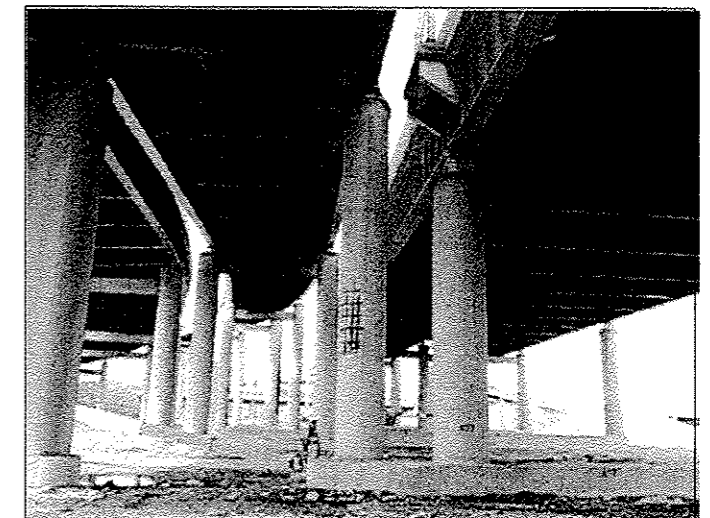
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HVB-2R-2-B-R	ST. CLAIR	27	23
CONTRACT NO. 76J68			ILLINOIS FED. AID PROJECT	



PIER S7

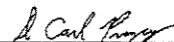


PIER S21



PIER S24

DESIGNED - VHV  
 CHECKED - DAB  
 DRAWN - ballva  
 CHECKED - VHV DAB

PASSED  
  
 ENGINEER OF BRIDGES AND STRUCTURES

DATE - JANUARY 30, 2017  
 REVISED  
 REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

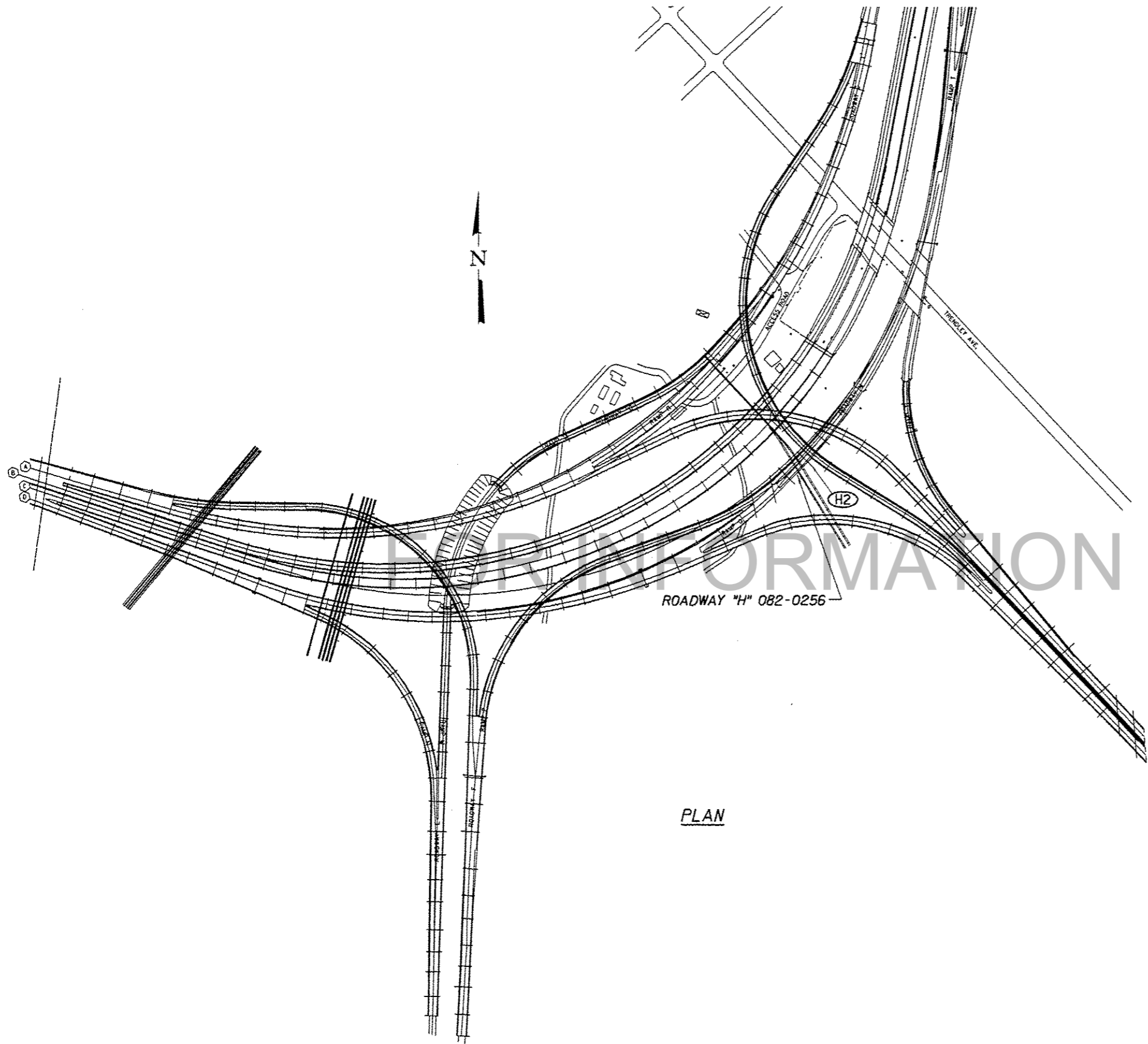
**ROADWAY "S"**  
**SN 082-0142**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HVB-2R-2-B-R	ST. CLAIR	27	24

CONTRACT NO. 76J68  
 ILLINOIS FED. AID PROJECT







PIER H2

DESIGNED - VHV  
 CHECKED - DAB  
 DRAWN - ballva  
 CHECKED - VHV DAB

DATE - JANUARY 30, 2017  
 PASSED  
 ENGINEER OF BRIDGES AND STRUCTURES  
 REVISIONS:  
 REVISIONS:

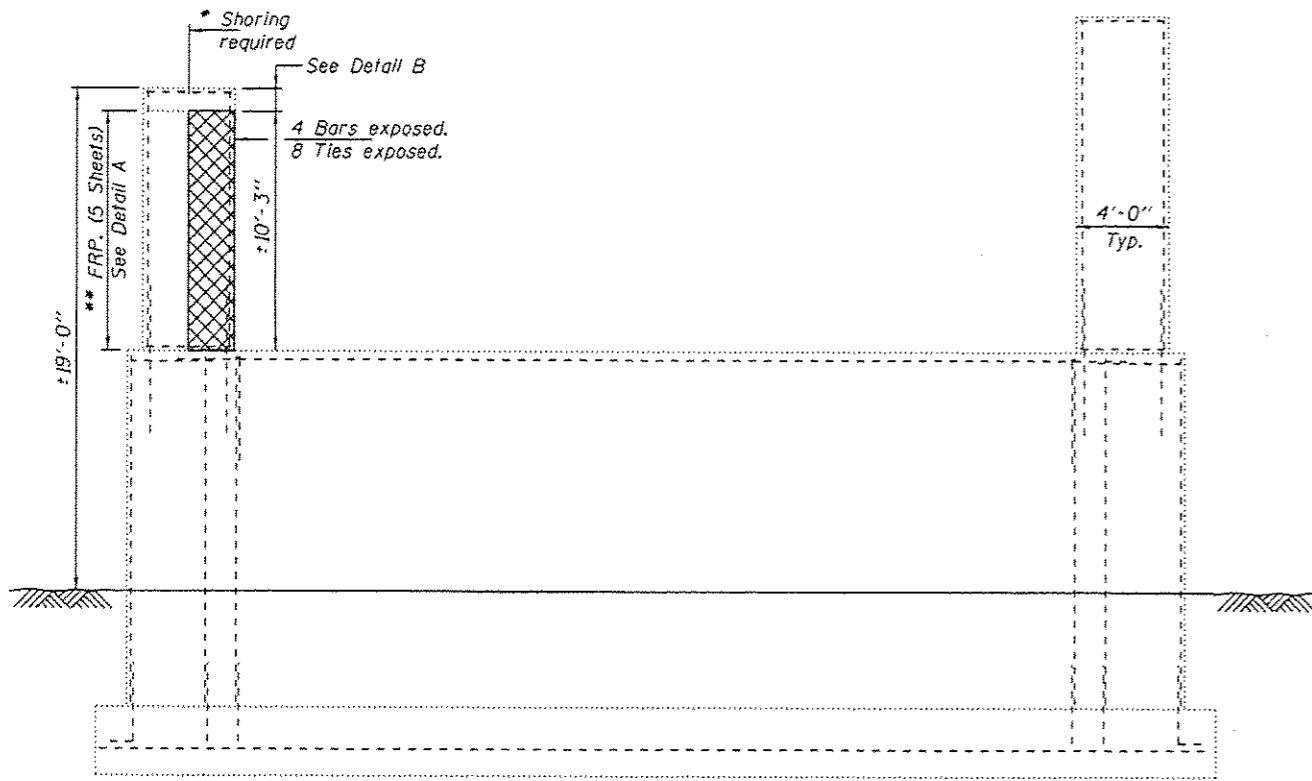
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY "H"  
 SN 082-0256  
 SHEET NO. 12 OF 13 SHEETS

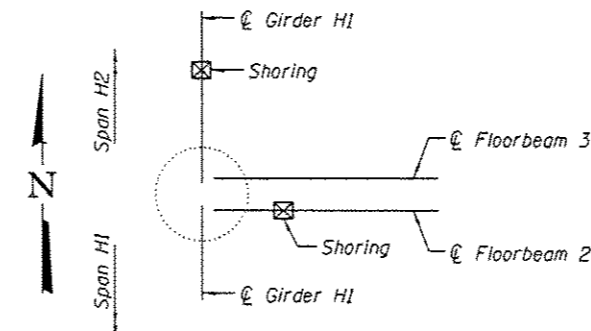
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HV8-2R-2-B-R	ST. CLAIR	27	26
				CONTRACT NO. 76J68
ILLINOIS FED. AID PROJECT				

**PIER H2**

REACTION TABLE AT TEMPORARY SHORING			
	Span H1	Span H2	
Q (k)	171	126	
L (k)	87	81	
Imp. (k)	21	18	
Total (k)	279	225	



\* Shore Girder H1 on Span H2 on the North side of column. Shore Floorbeam 2 against crashwall on Span H1. (See Detail C).



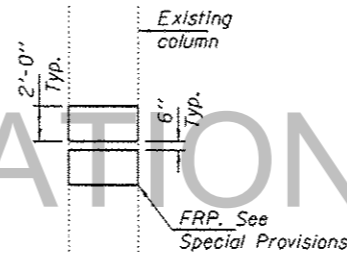
**DETAIL C**

**PIER H2 REPAIRS**

(Looking Northeast)

\*\* One layer

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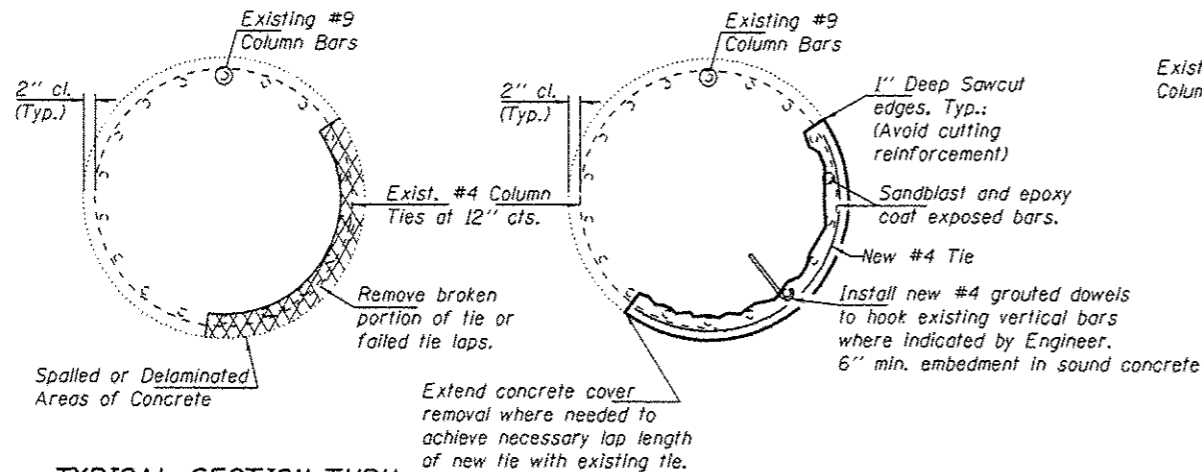


**DETAIL A**



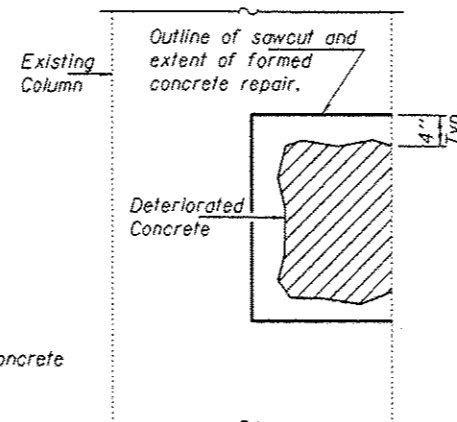
Area to be cleaned, blasted and painted only. See Special Provision "Cleaning and Painting Exposed Rebar". Cost included with Structural Repair of Concrete.

\*\*\* Structural Repair of Concrete & FRP See this sheet & sheets 8 & 11 of 13 for specific locations

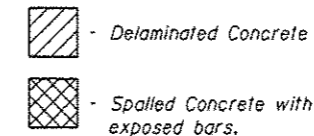


**TYPICAL SECTION THRU EXISTING PIER COLUMN**

**TYPICAL SECTION THRU PIER COLUMN REPAIR**



**TYPICAL CONCRETE COLUMN REPAIR**



**MINIMUM BAR LAP**  
#4 bar = 1'-10"

**DETAIL B**  
**COLUMN REPAIR DETAILS**

\*\*\* Contractor shall exercise care during concrete removal to avoid encroaching in the area under the confinement bands.

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Structural Repair of Concrete Depth ≤ 5"	Sq. Ft.	64
Temporary Shoring & Cribbing	Each	2
Fiber Wrap	Sq. Ft.	125
Acrylic Coating	Sq. Yd.	14

DESIGNED - VHV	PASSED
CHECKED - DAB	
DRAWN - Kyle M. Stoffan	
CHECKED - VHV DAB	

DATE - JANUARY 30, 2017	 ENGINEER OF BRIDGES AND STRUCTURES
REVISED	
REVISED	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PIER REPAIR LOCATIONS**  
**ROADWAY "H"**  
SN 082-0256  
SHEET NO. 13 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-3HVB-2R-2-B-R	ST. CLAIR	27	27

CONTRACT NO. 76J68  
ILLINOIS FED. AID PROJECT