

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126 BRR	MACOUPIN	13*	1
		ILLINOIS	CONTRACT NO. 72M84	

\* 13 + 3 = 16 TOTAL SHEETS

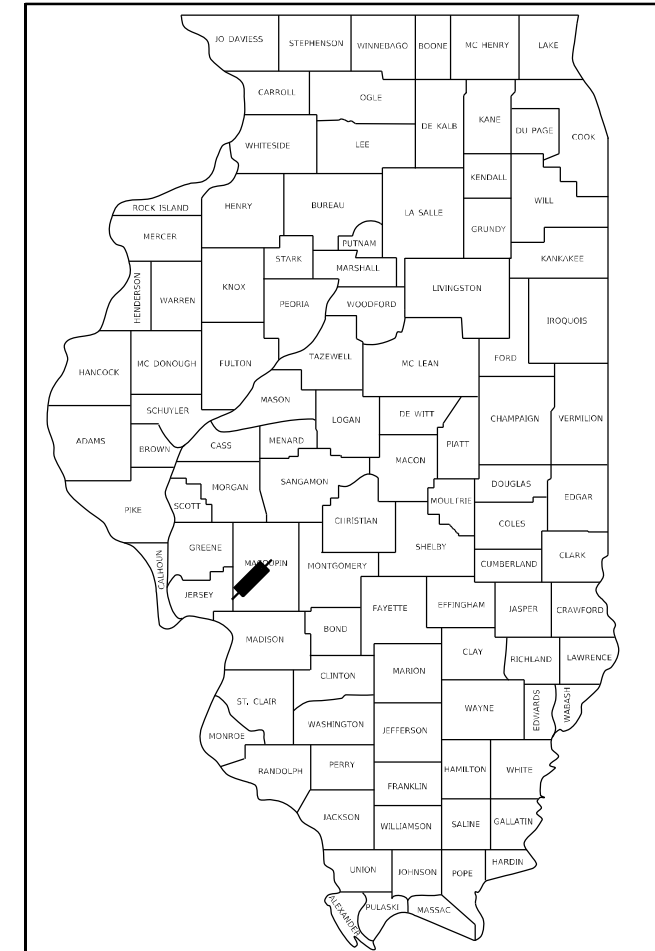
D-96-035-21

FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED CONTRACT MAINTENANCE

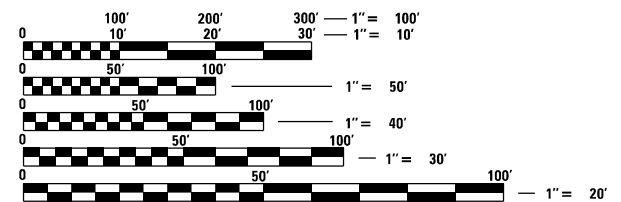
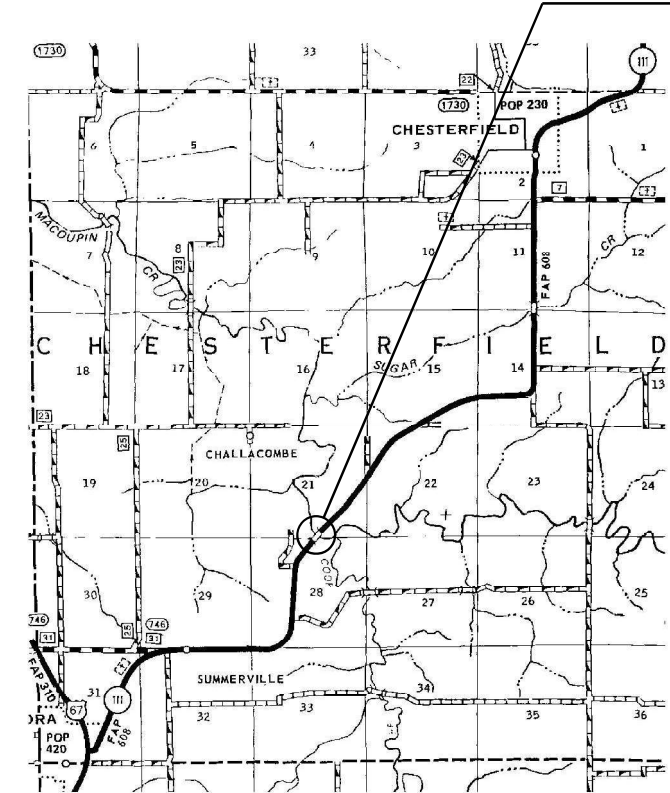
FAP ROUTE 608 (IL 111)  
SECTION 126 BRR  
PROJECT (STATE)  
BRIDGE REPAIRS  
MACOUPIN COUNTY

C-96-106-21



LOCATION OF SECTION INDICATED THIS: - [black bar] -

PROJECT LOCATION  
SN 059-0016  
IL 111 OVER MACOUPIN CREEK  
7.9 MILES S OF IL 108



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 EXCAVATORS  
1-800-892-0123  
OR 811

BRIDGE MAINTENANCE ENGINEER: BRANDON DUDLEY - (217) 785-9290

GROSS LENGTH = 714 FT. = 0.14 MILE  
NET LENGTH = 714 FT. = 0.14 MILE

CONTRACT NO. 72M84

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 24 2021

*[Signature]*  
REGIONAL ENGINEER

May 7, 2021  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 7, 2021  
*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS




INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX, STANDARDS, SIGNATURES, & GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-13C SN 059-0016 BRIDGE PLANS

STANDARDS

- 000001-08
- 001001-02
- 001006
- 701001-02
- 701006-05
- 701201-05
- 701301-04
- 701901-08

GENERAL NOTES:

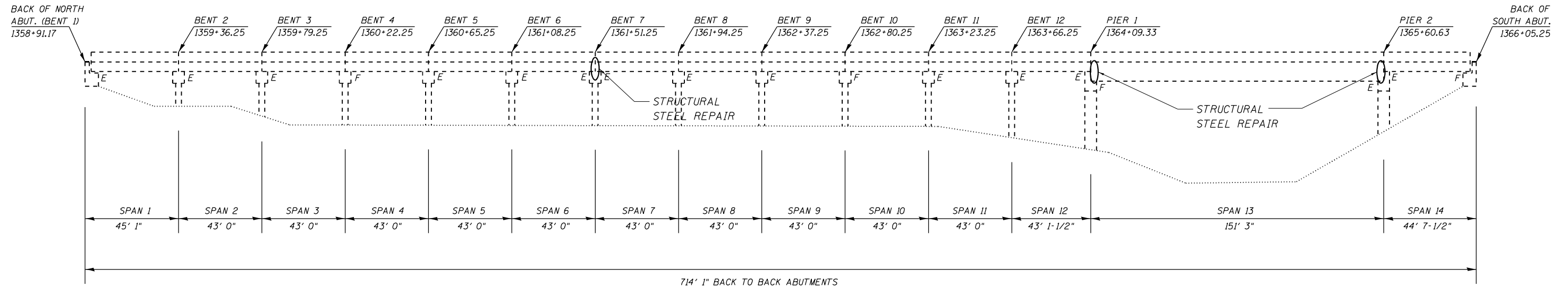
<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6</b>
EXAMINED <u>March 15</u> 20 <u>21</u>  ENGINEER OF OPERATIONS
EXAMINED <u>March 15</u> 20 <u>21</u>  ENGINEER OF PROJECT IMPLEMENTATION
EXAMINED <u>March 22</u> 20 <u>21</u>  ENGINEER OF PROGRAM DEVELOPMENT

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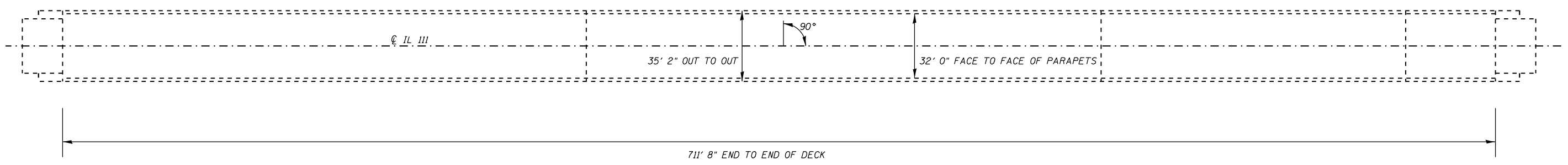
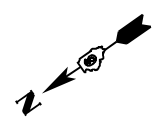
REV. - MS

	USER NAME = dudleybm PLOT SCALE = 100.0000' / in. PLOT DATE = 3/23/2021	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED + REVISED +	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS, &amp; SIGNATURES</b>	SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>608</td> <td>126 BRR</td> <td>MACOUPIN</td> <td>13</td> <td>2</td> </tr> <tr> <td colspan="5" style="text-align: right;">CONTRACT NO. 72M84</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	608	126 BRR	MACOUPIN	13	2	CONTRACT NO. 72M84				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																		
608	126 BRR	MACOUPIN	13	2																		
CONTRACT NO. 72M84																						
							ILLINOIS   FED. AID PROJECT															





ELEVATION



PLAN



Expires 11-30-2022  
*David Carl Puzey*  
 05/04/2021

STRUCTURE GENERAL NOTES:

ALL STRUCTURAL STEEL SHALL BE AASHTO M-270 GRADE 36, UNLESS OTHERWISE NOTED.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

PRIOR TO POURING THE NEW CONCRETE DECK, ALL HEAVY OR LOOSE MILL SCALE AND OTHER LOOSE OR POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE SURFACES IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL AND THE COST WILL BE INCLUDED IN CONCRETE REMOVAL.

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 THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED, AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

TOTAL BILL OF MATERIAL (059-0016)

ITEM	UNIT	QUANTITY
Concrete Structures	Cu. Yd.	17
Reinforcement Bars, Epoxy Coated	Pound	3260
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	900
Structural Steel Repair	Pound	1260
Temporary Shoring and Cribbing	Each	4

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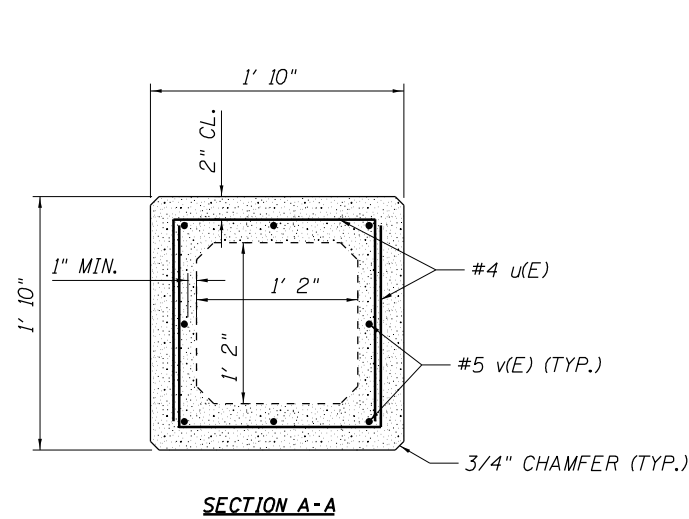
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

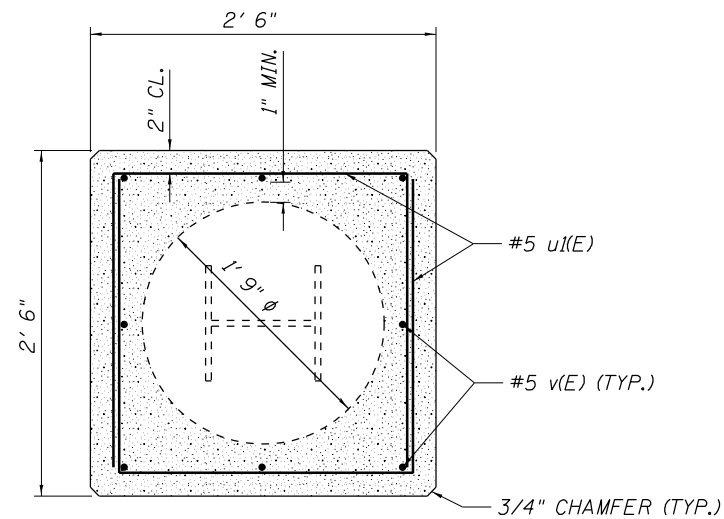
BRIDGE PLAN & ELEVATION  
 SN 059-0016

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

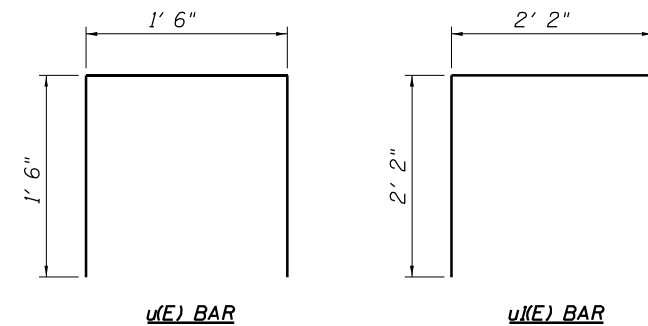
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126 BRR	MACOUPIN	13	4
CONTRACT NO. 72M84			ILLINOIS FED. AID PROJECT	



SECTION A-A



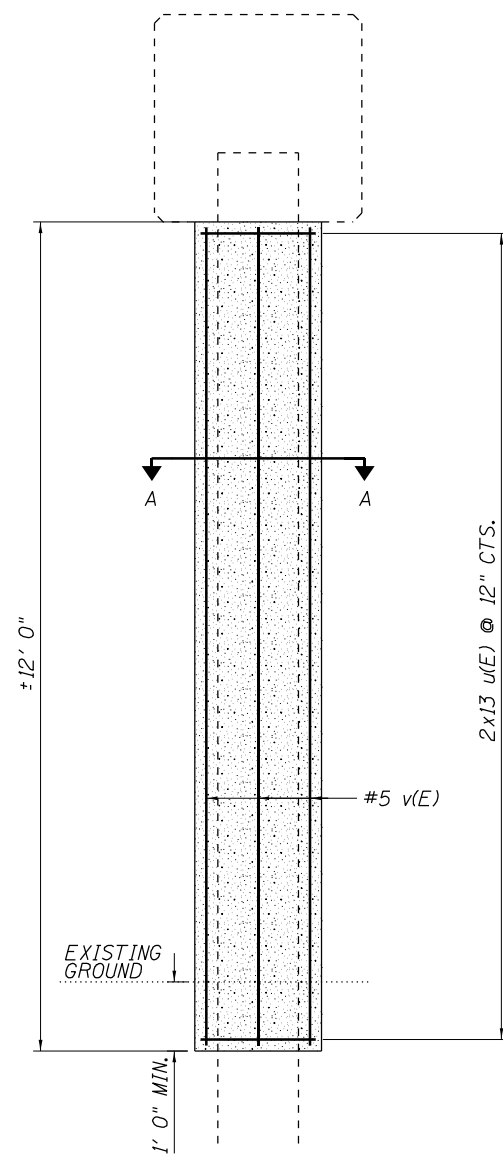
SECTION B-B



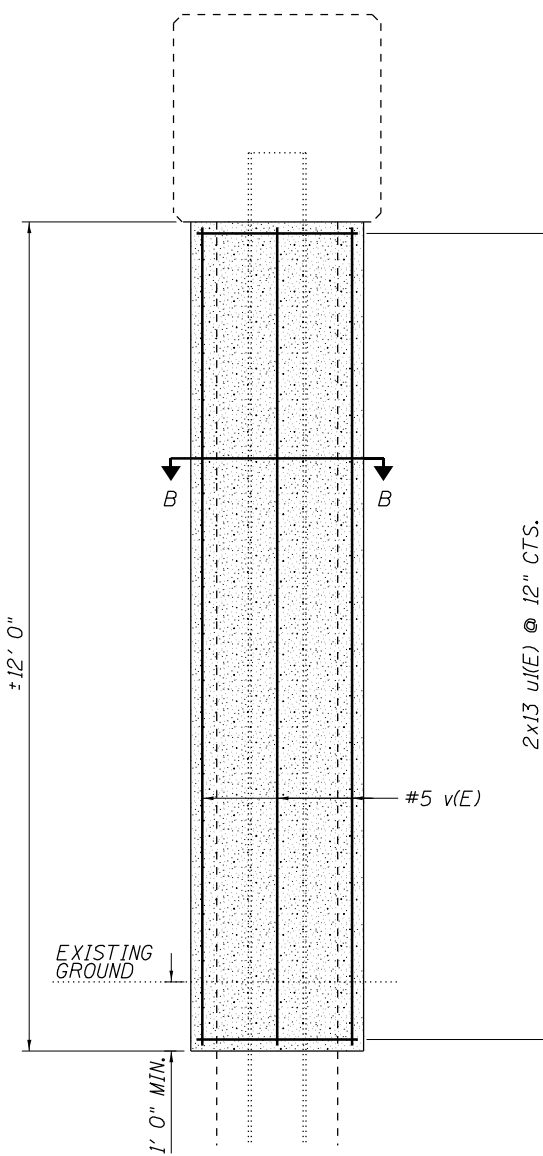
SUBSTRUCTURE BILL OF MATERIAL				
BAR	#	SIZE	LENGTH	SHAPE
u(E)	442	#4	4' 6"	U
u(E)	26	#5	6' 6"	U
v(E)	144	#5	11' 8"	V
REINFORCEMENT BARS (EPOXY COATED)		POUND	3260	
CONC. STRUCTURES		CU YD	17	
STRUCT. REPAIR OF CONC. < 5"		SQ FT	900	

BEAM REACTION TABLE AT TEMPORARY SHORING (SEE SPECIAL PROVISIONS)	
DEAD LOAD	20.2 KIPS
LIVE LOAD	36.2 KIPS
IMPACT	10.8 KIPS
TOTAL	67.2 KIPS

PILE ENCASEMENTS - TYPICAL QUANTITIES				
ENCASE. TYPE	u(E) BARS	u(E) BARS	v(E) BARS	CONC. STR. (CU YD)
TY A	26	0	8	0.9
TY B	0	26	8	1.7



TYPE A ENCASEMENT ELEVATION



TYPE B ENCASEMENT ELEVATION

SUBSTRUCTURE REPAIR SCHEDULE						
SUBSTR. UNIT	TYPE A ENCASEMENT	TYPE B ENCASEMENT	REINF. BAR (EPOXY CTD.) (POUND)	CONCRETE STRUCTURES (CU YD)	STR. REP. CONC. DEPTH < 5" (SQ FT)	TEMP. SHORING AND CRIBBING
N. ABUT.	0	0	0	0	41	0
BENT 2	0	0	0	0	19	0
BENT 3	3	0	527	2.7	4	0
BENT 4	6	0	1053	5.4	0	0
BENT 5	0	0	0	0	1	0
BENT 6	2	0	351	1.8	2	0
BENT 7	0	1	274	1.7	173	3
BENT 8	0	0	0	0	1	0
BENT 9	0	0	0	0	18	0
BENT 10	6	0	1053	5.4	0	0
BENT 11	0	0	0	0	6	0
BENT 12	0	0	0	0	9	0
PIER 1	0	0	0	0	352	0
PIER 2	0	0	0	0	270	1
S. ABUT.	0	0	0	0	0	0
TOTALS	17	1	3258	17	896	4

NOTE: REMOVAL OF UNSOUND CONCRETE, SURFACE PREPARATION, AND REINFORCEMENT PREPARATION ON PILES TO BE ENCASED SHALL CONFORM TO THE SPECIAL PROVISION FOR STRUCTURAL REPAIR OF CONCRETE. COST TO BE INCLUDED IN THE BID PRICE FOR CONCRETE STRUCTURES.

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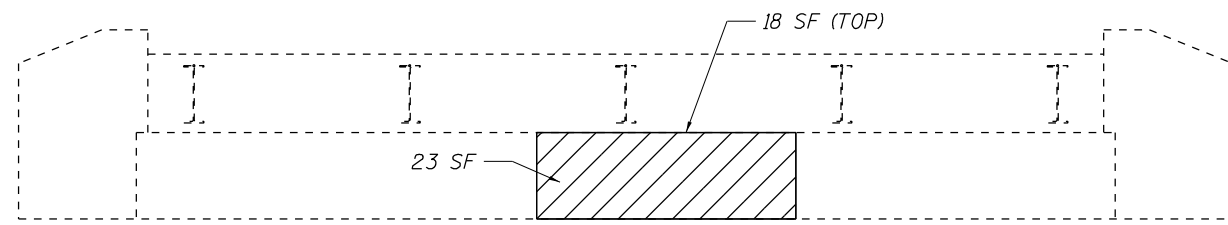
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STATE OF ILLINOIS  
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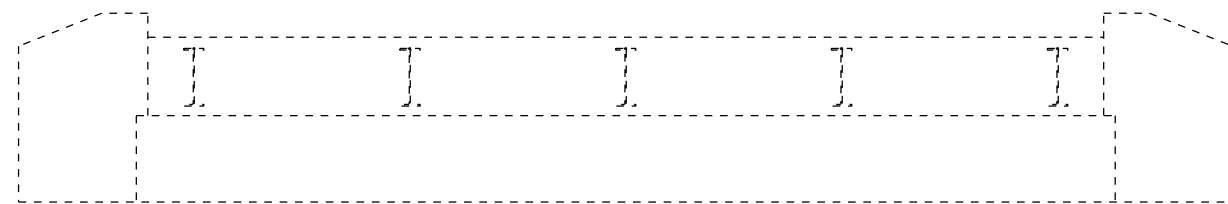
PILE ENCASEMENT DETAILS & SUBSTRUCTURE SCHEDULE  
SN 059-0016

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126 BRR	MACOUPIN	13	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72M84	



**NORTH ABUTMENT (BENT 1) - SOUTH FACE**



**SOUTH ABUTMENT - NORTH FACE**

**LEGEND:**



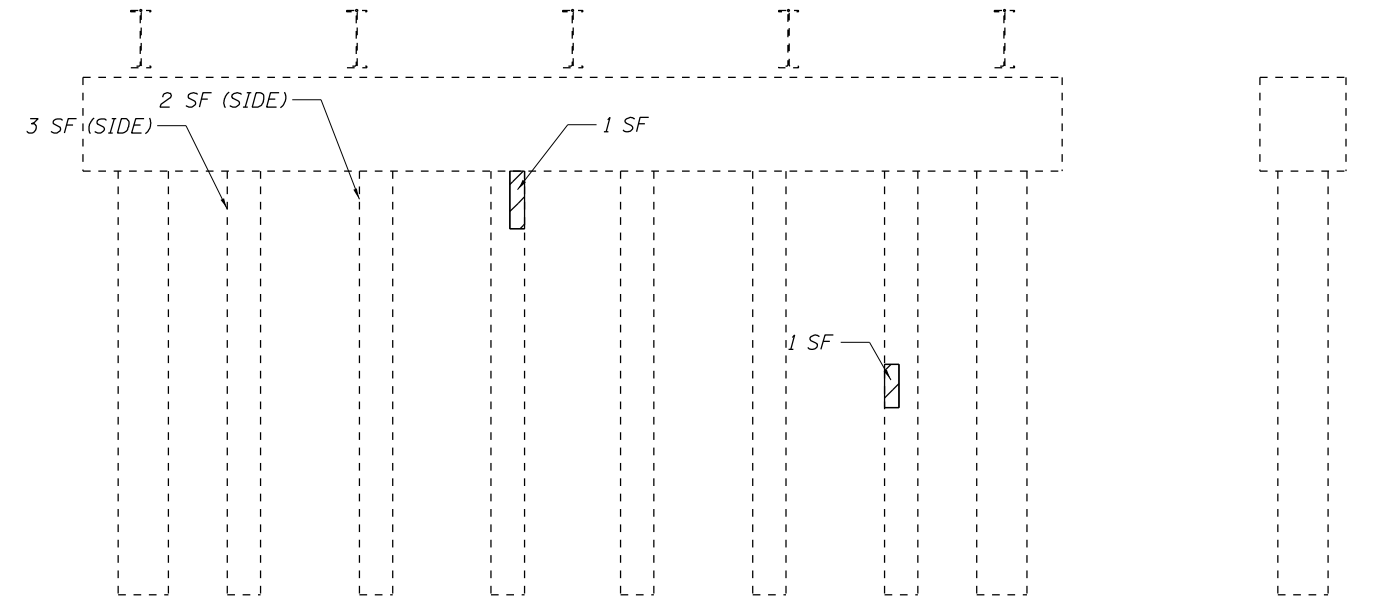
STRUCTURAL REPAIR OF CONCRETE,  
DEPTH EQUAL TO OR LESS THAN 5"



PILES TO BE ENCASED

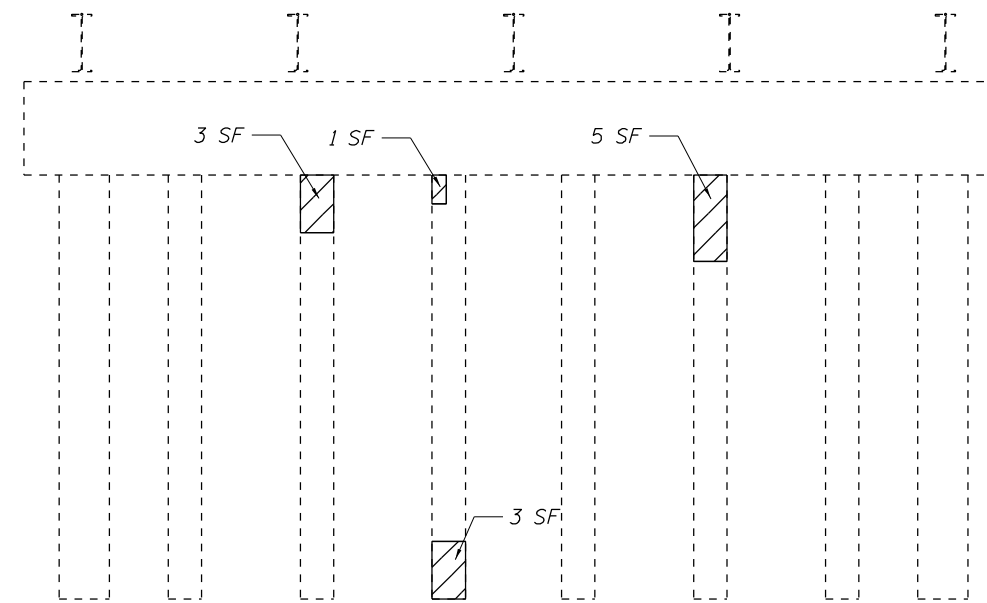
SEE BILL OF MATERIALS AND QUANTITY SCHEDULE ON SHEET 2 OF 10.

**ABUTMENT ELEVATIONS**



**NORTH FACE**

**WEST FACE**



**SOUTH FACE**

**EAST FACE**

**BENT 2 ELEVATIONS**

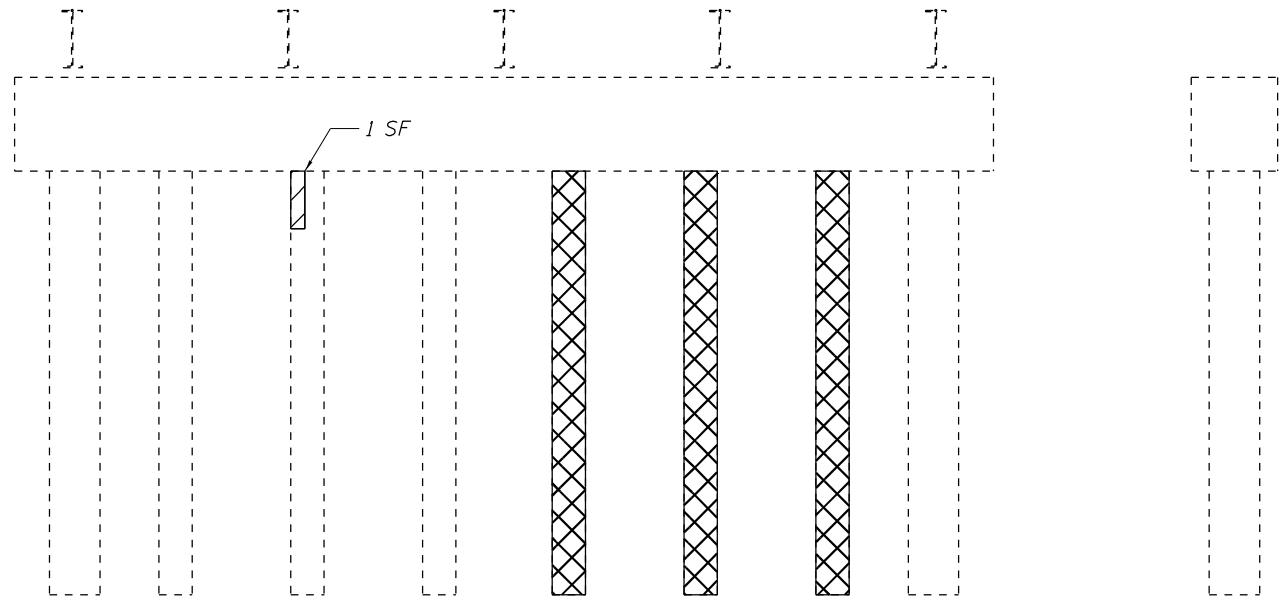
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**STATE OF ILLINOIS  
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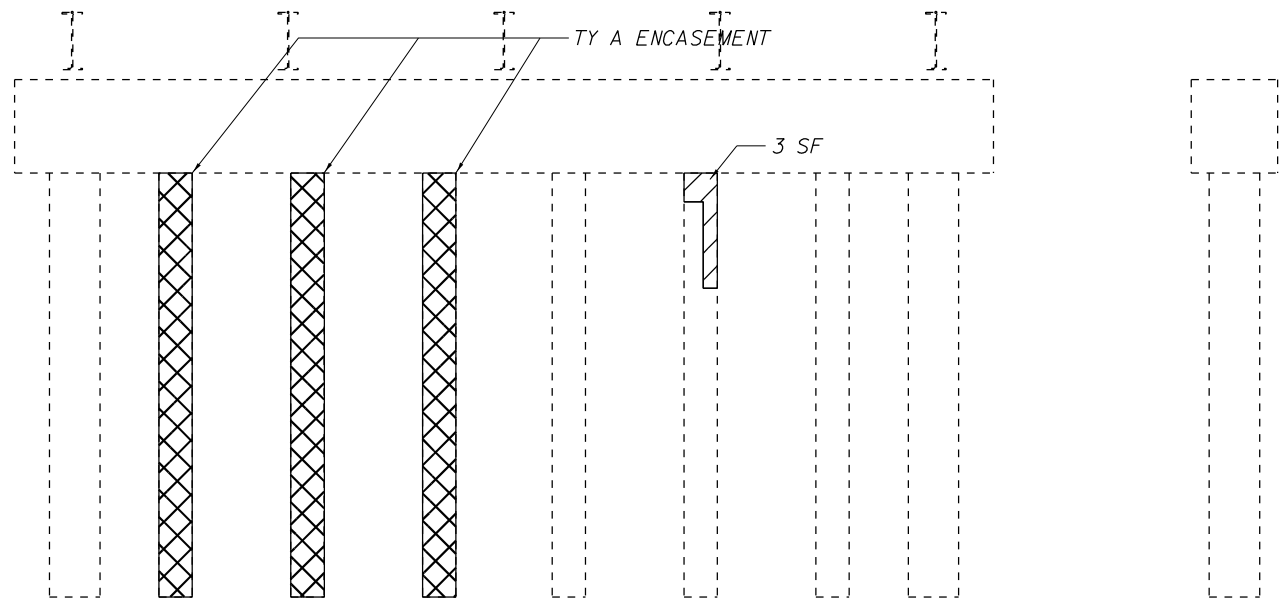
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SCALE:	SHEET 3	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126 BRR	MACOUPIN	13	6
CONTRACT NO. 72M84			ILLINOIS FED. AID PROJECT	



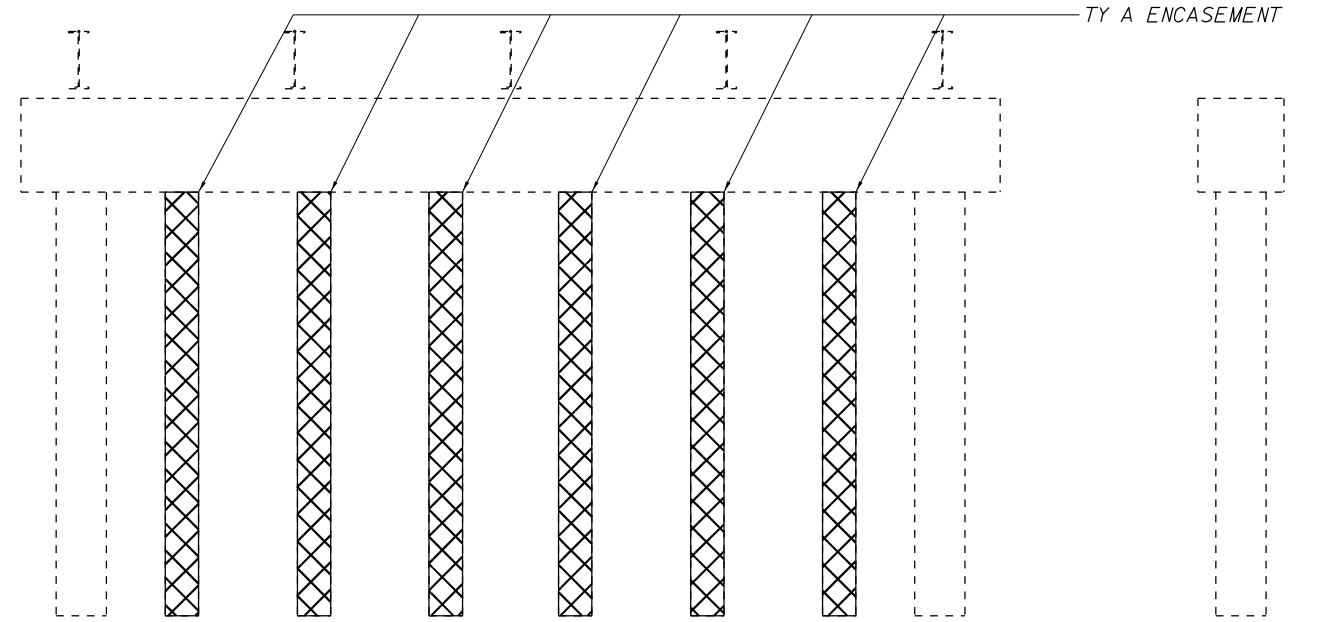
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**WEST FACE**



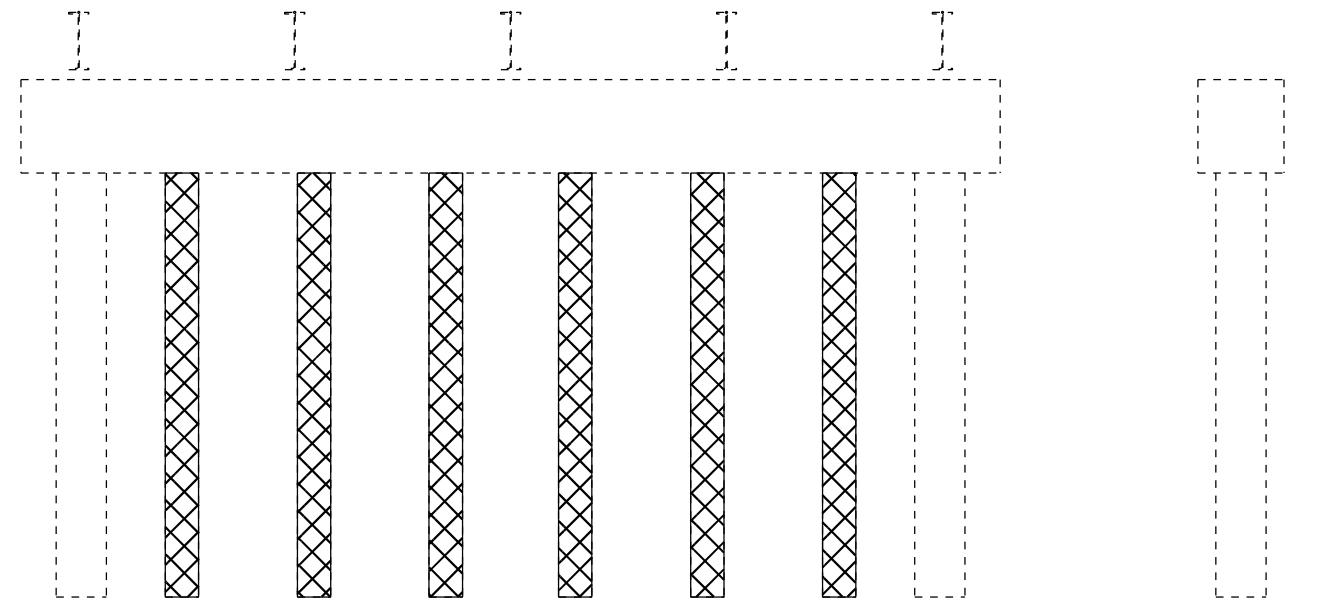
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**EAST FACE**



**NORTH FACE**

**WEST FACE**



**SOUTH FACE**

**EAST FACE**

SEE LEGEND ON SHEET 3 OF 10  
SEE BILL OF MATERIALS AND QUANTITY SCHEDULE ON SHEET 2 OF 10.

**BENT 3 ELEVATIONS**

**BENT 4 ELEVATIONS**

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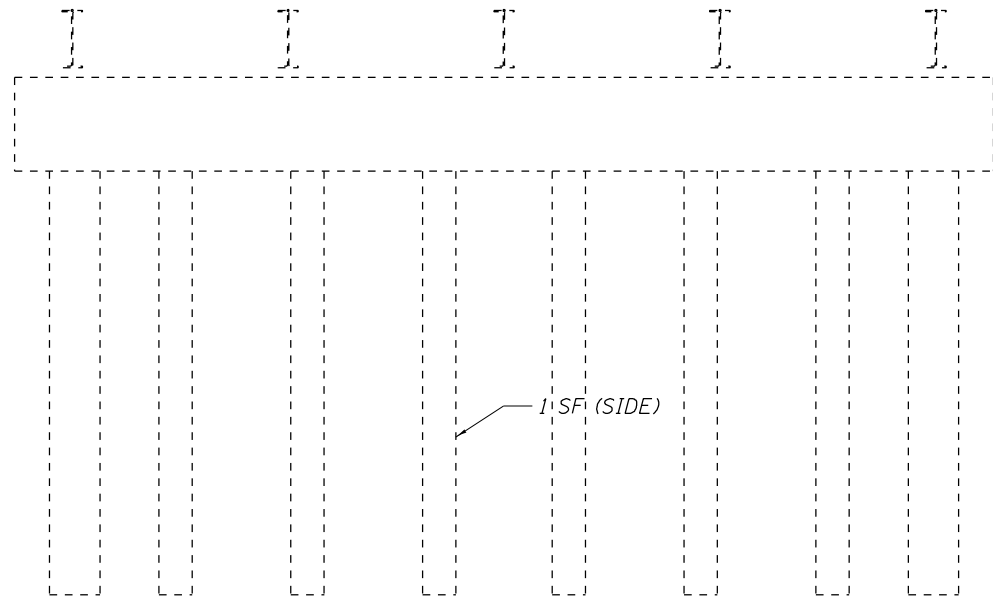
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

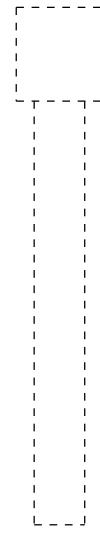
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SN 059-0016**

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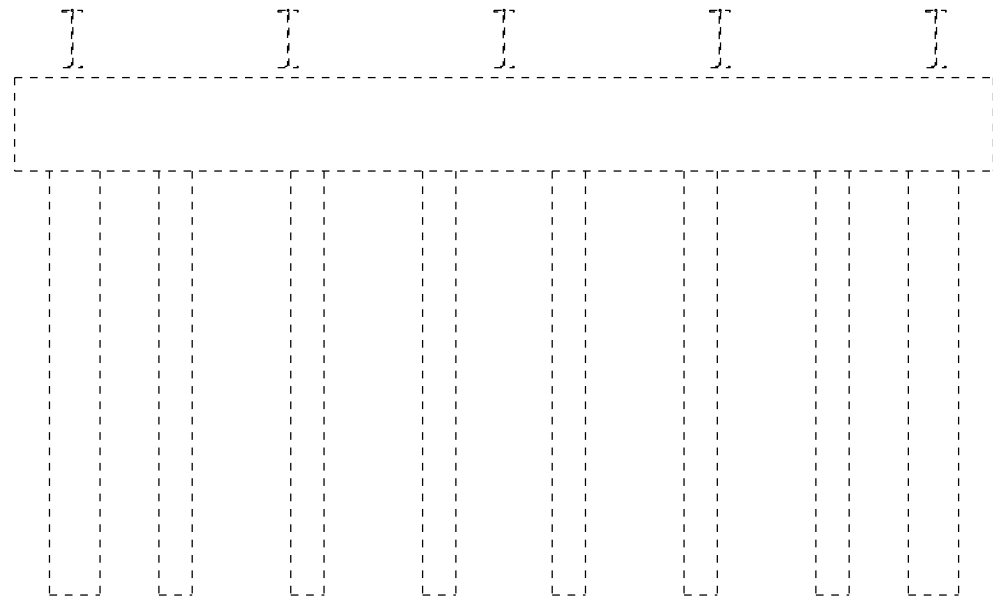
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608	126 BRR	MACOUPIN	13	7
			CONTRACT NO. 72M84	
		ILLINOIS FED. AID PROJECT		



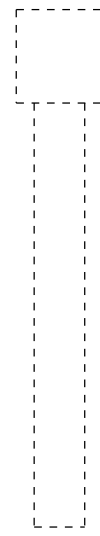
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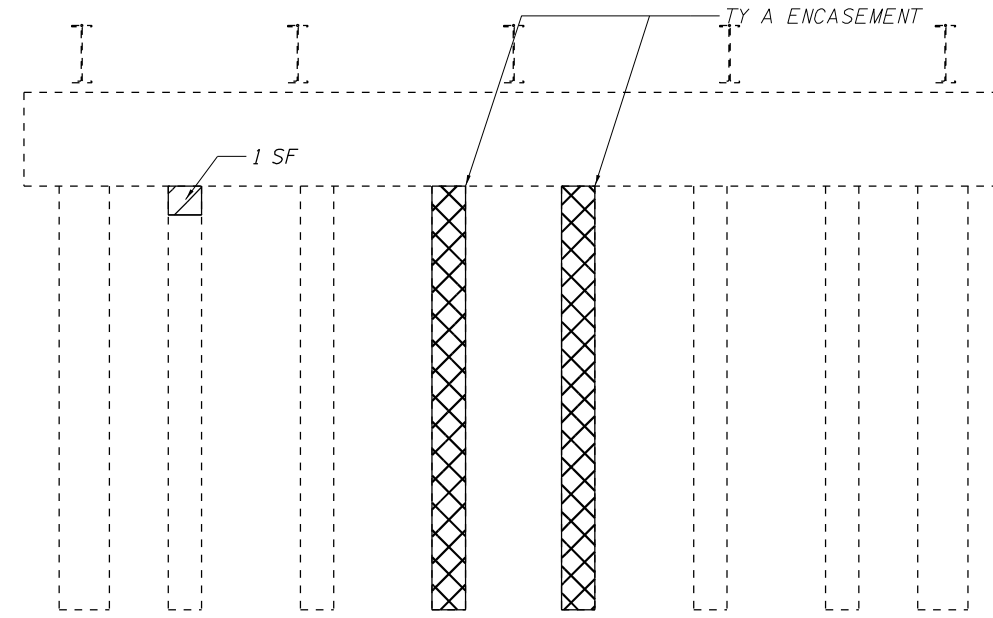
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**SOUTH FACE**



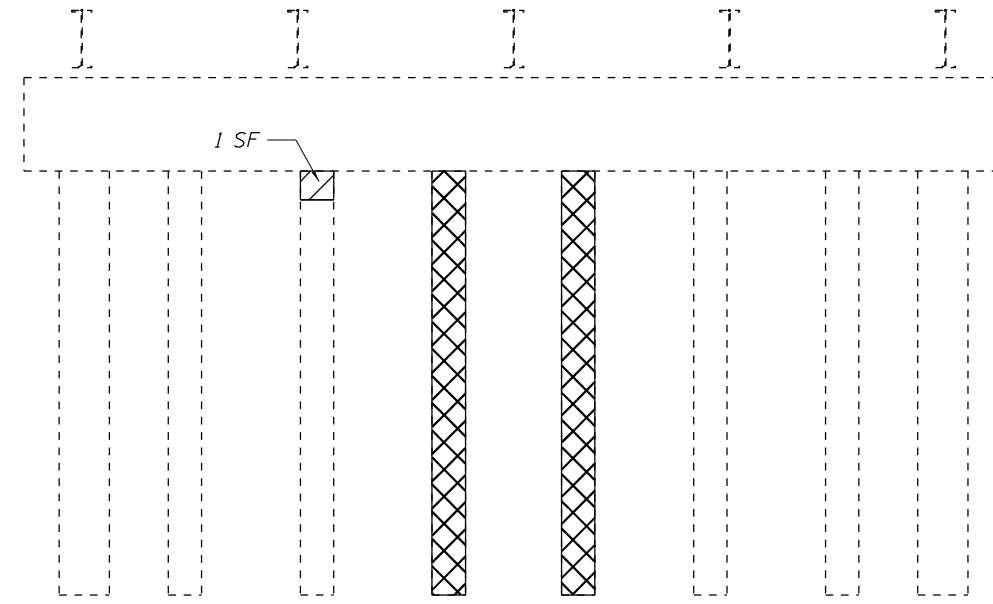
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**NORTH FACE**



**WEST FACE**



**SOUTH FACE**



**EAST FACE**

SEE LEGEND ON SHEET 3 OF 10  
SEE BILL OF MATERIALS AND QUANTITY SCHEDULE ON SHEET 2 OF 10.

**BENT 5 ELEVATIONS**

**BENT 6 ELEVATIONS**

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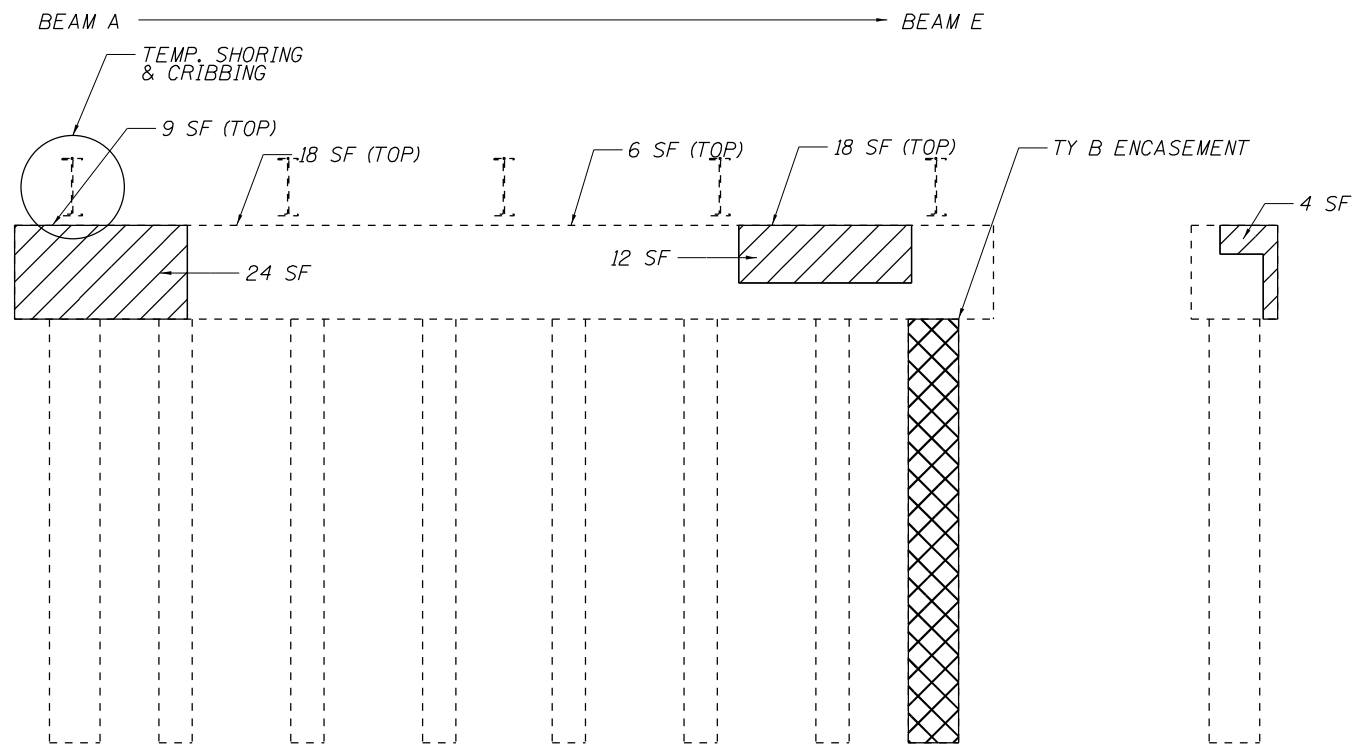
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BENTS 5 & 6 REPAIRS  
SN 059-0016**

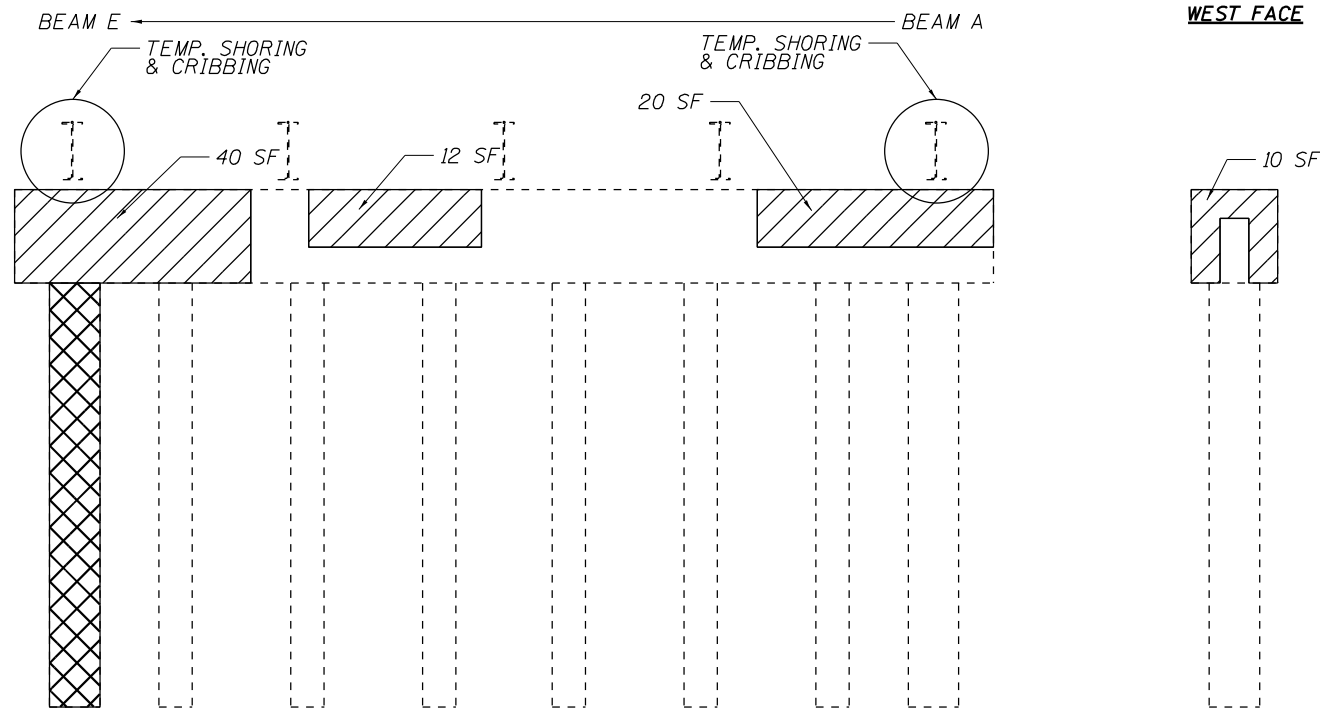
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126 BRR	MACOUPIN	13	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72M84	



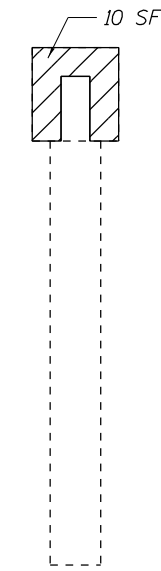


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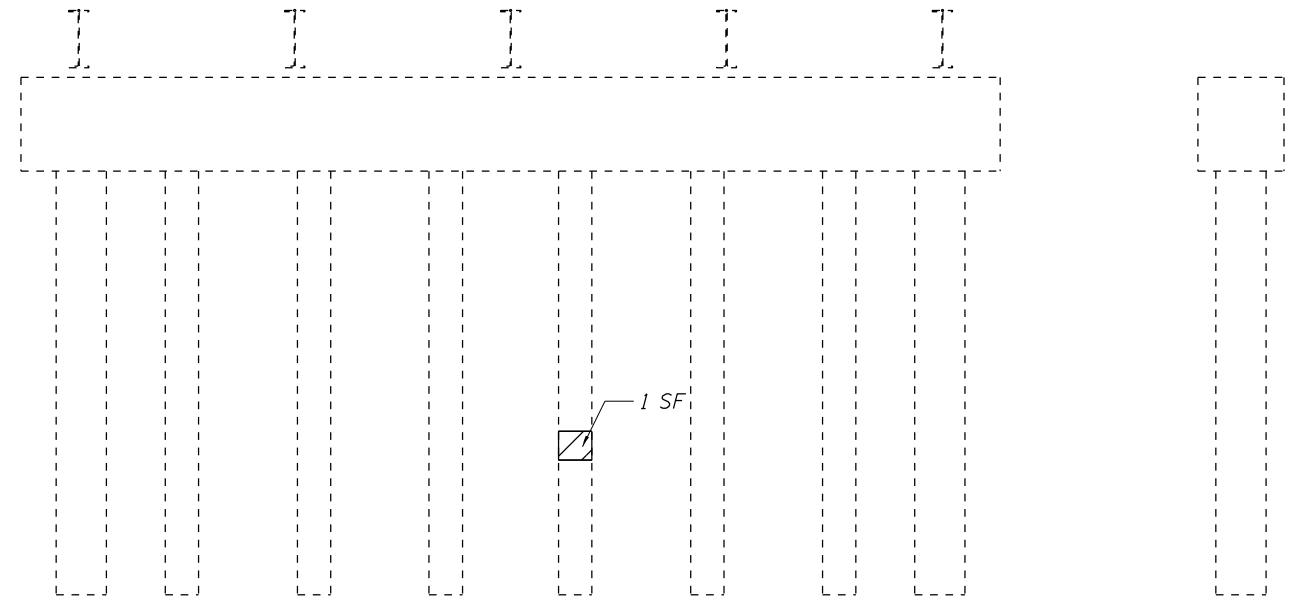


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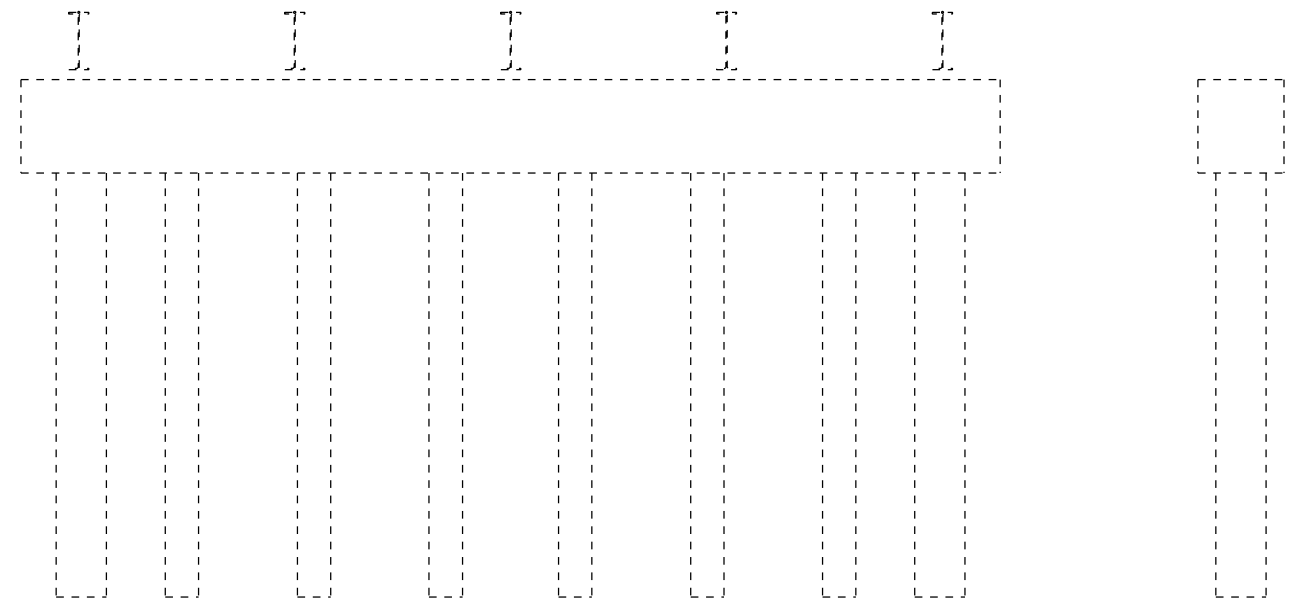
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**EAST FACE**



**NORTH FACE**



**SOUTH FACE**

**WEST FACE**

**EAST FACE**

SEE LEGEND ON SHEET 3 OF 10  
 SEE BILL OF MATERIALS AND QUANTITY SCHEDULE ON SHEET 2 OF 10  
 SEE BEAM REACTION TABLE ON SHEET 2 OF 10.

**BENT 7 ELEVATIONS**

**BENT 8 ELEVATIONS**

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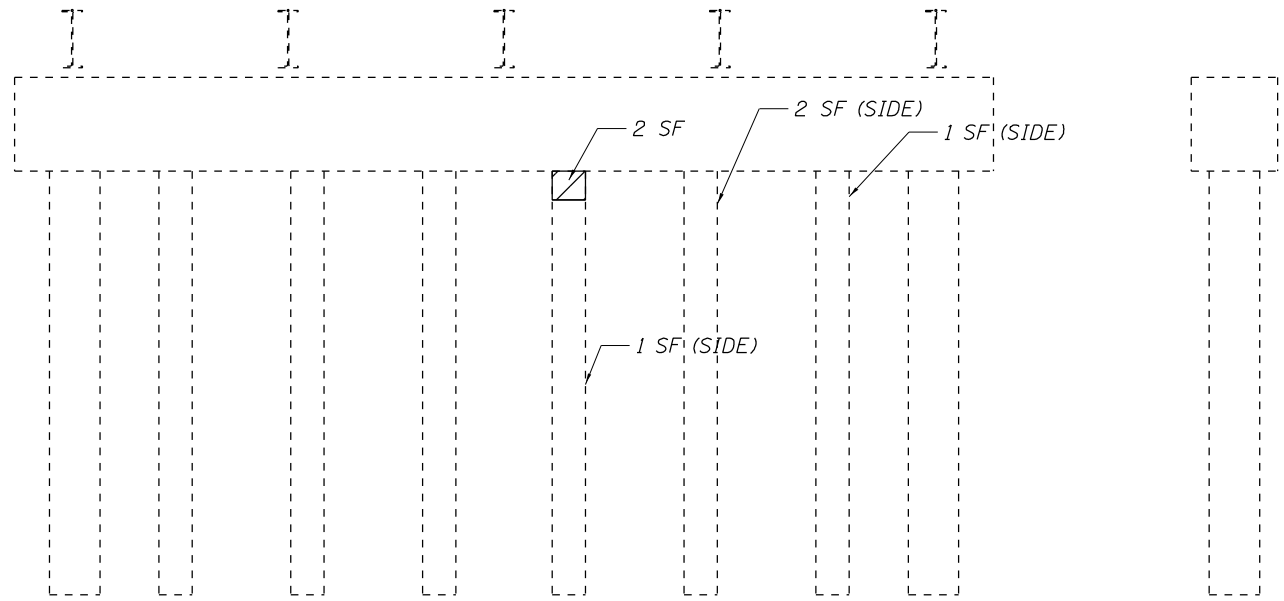
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BENTS 7 & 8 REPAIRS  
 SN 059-0016**

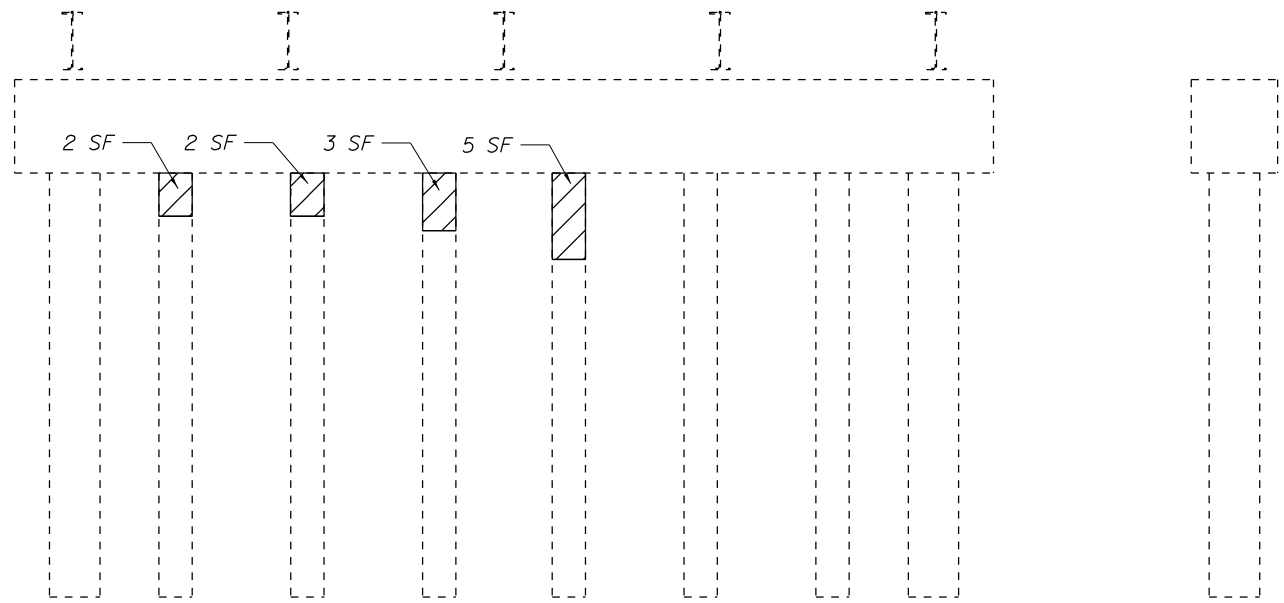
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126 BRR	MACOUPIN	13	9
			CONTRACT NO. 72M84	
ILLINOIS FED. AID PROJECT				



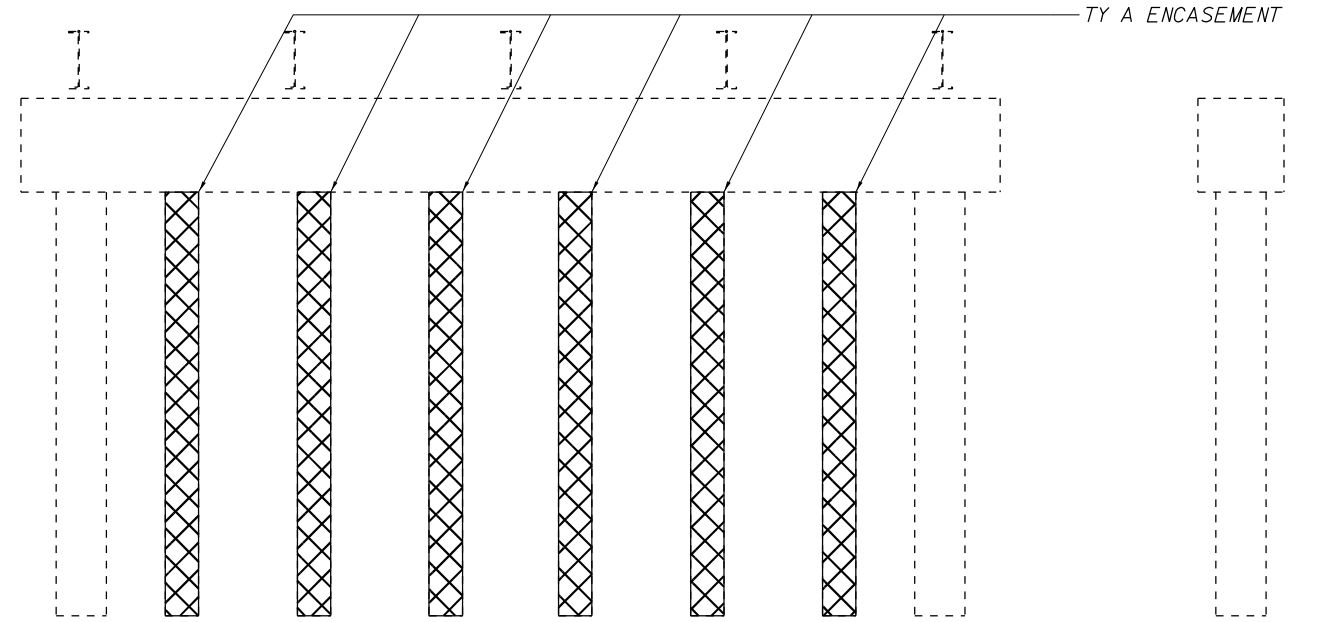
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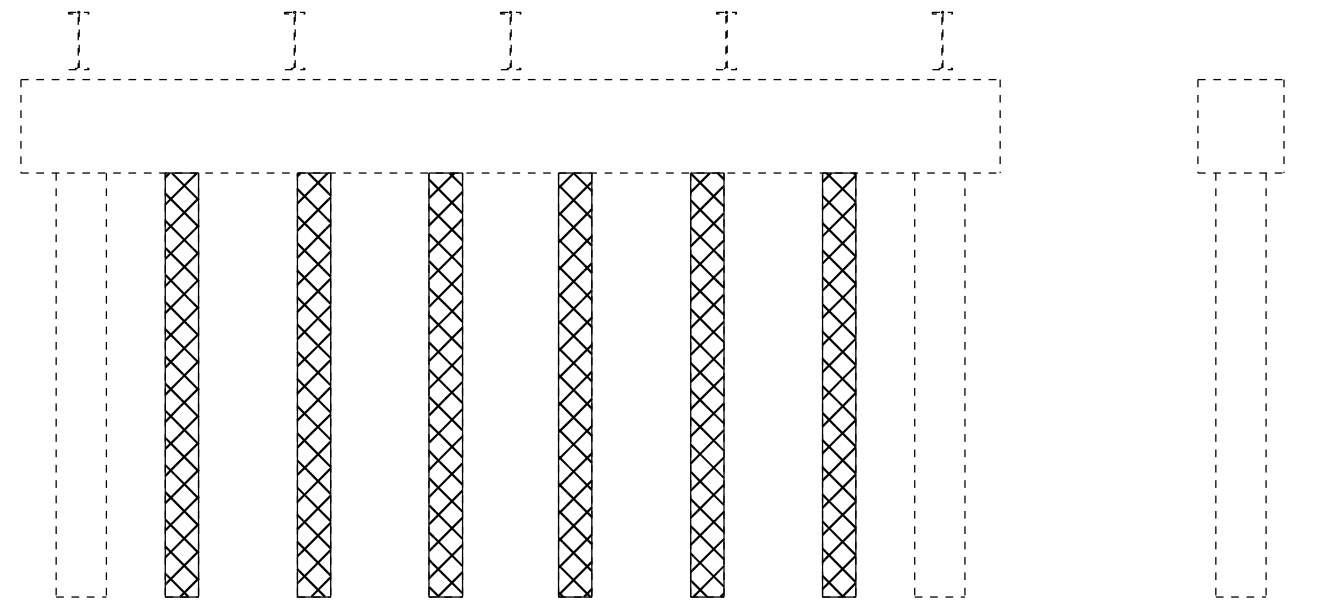
**SOUTH FACE**

**EAST FACE**



**NORTH FACE**

**WEST FACE**



**SOUTH FACE**

**EAST FACE**

SEE LEGEND ON SHEET 3 OF 10  
SEE BILL OF MATERIALS AND QUANTITY SCHEDULE ON SHEET 2 OF 10.

**BENT 9 ELEVATIONS**

**BENT 10 ELEVATIONS**

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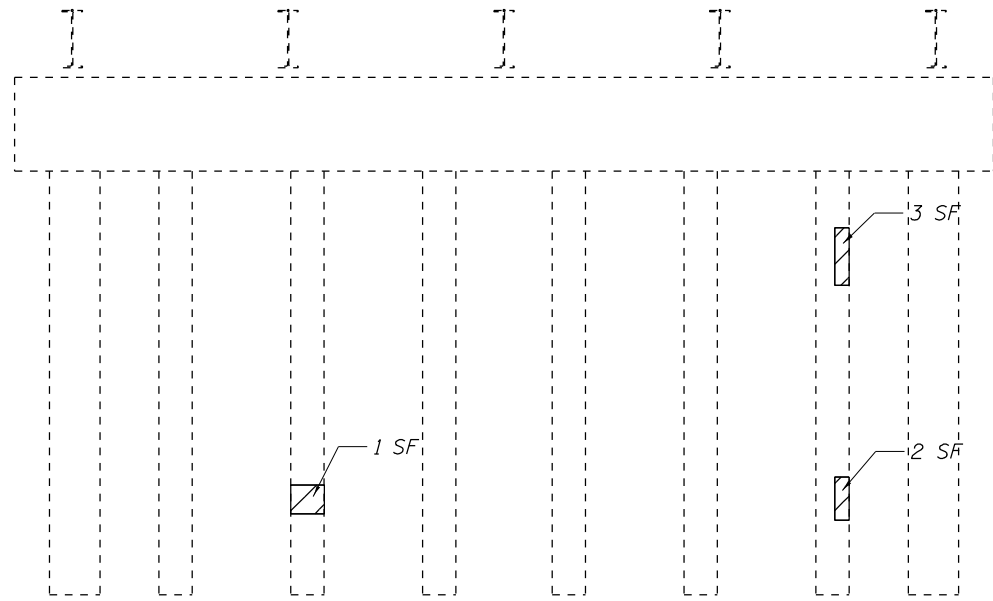
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**STATE OF ILLINOIS  
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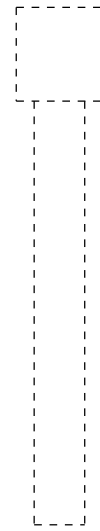
**BENTS 9 & 10 REPAIRS  
SN 059-0016**

SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

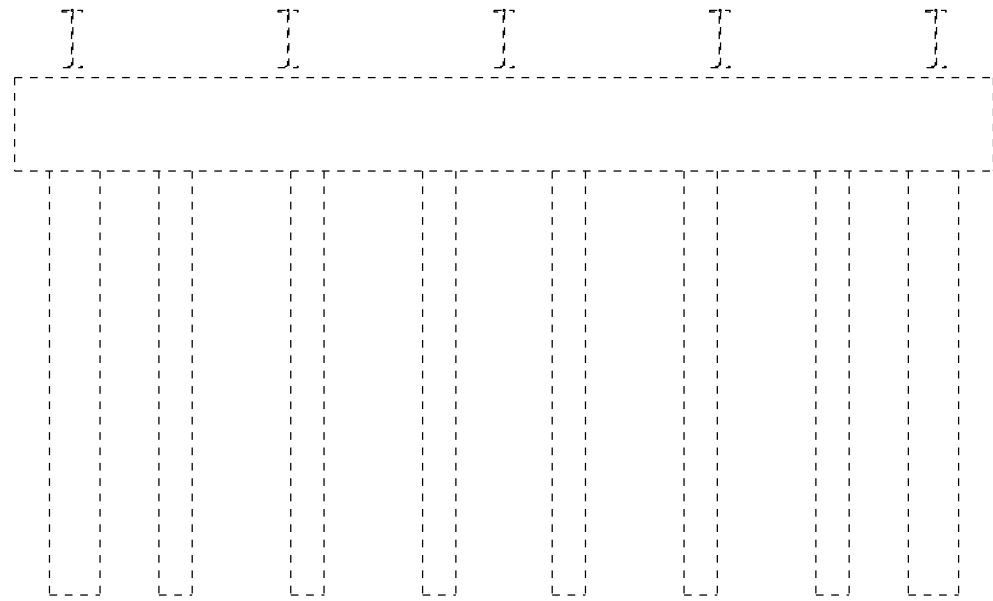
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126 BRR	MACOUPIN	13	10
			CONTRACT NO. 72M84	
			ILLINOIS FED. AID PROJECT	



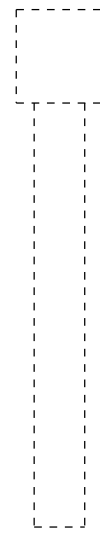
**NORTH FACE**



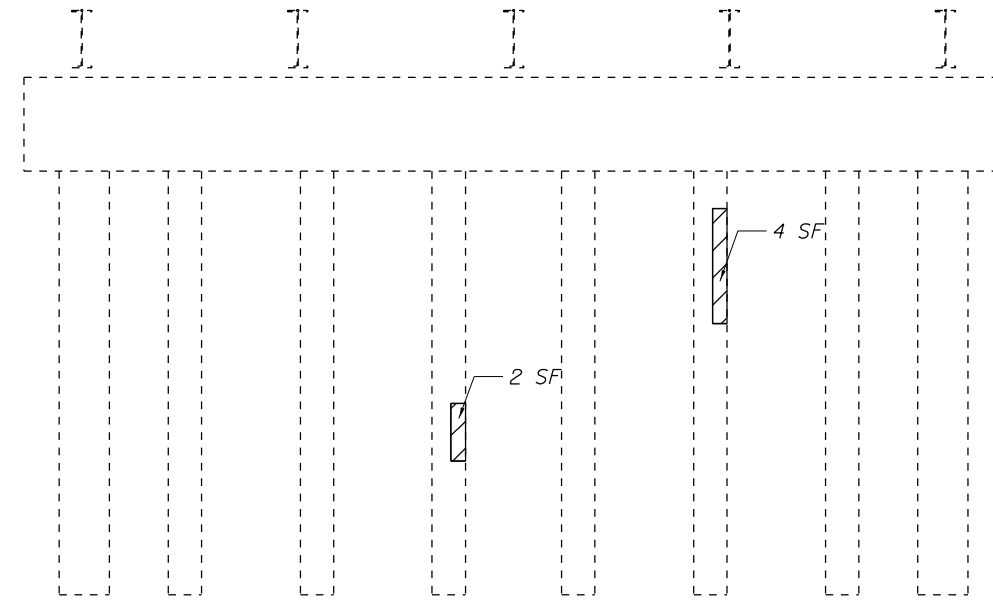
**WEST FACE**



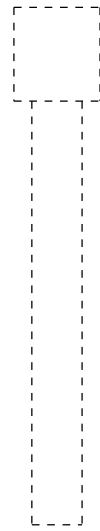
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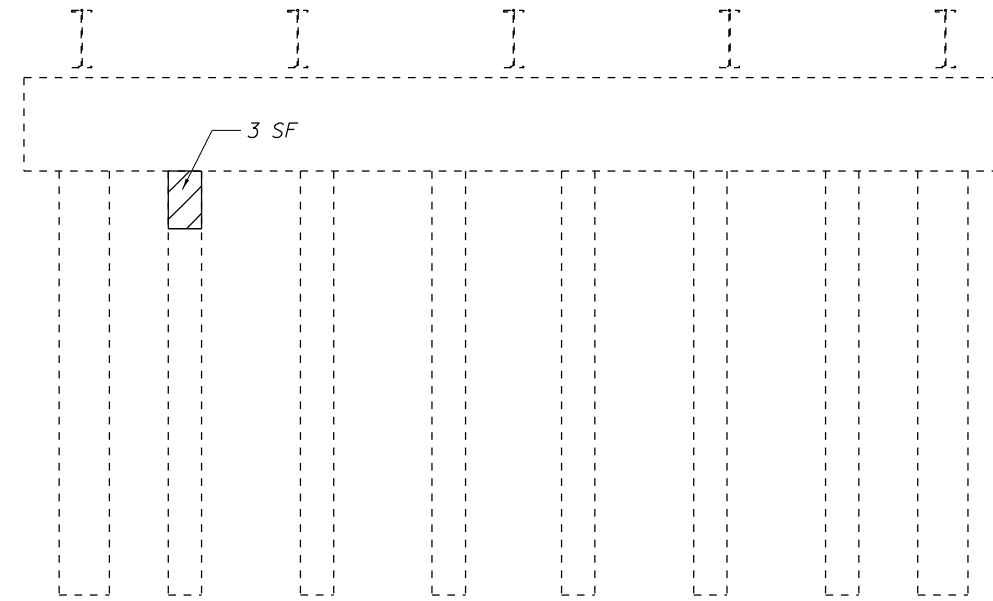
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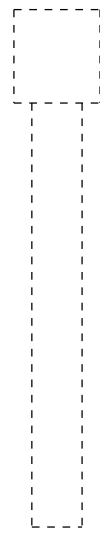
**NORTH FACE**



**WEST FACE**



**SOUTH FACE**



**EAST FACE**

SEE LEGEND ON SHEET 3 OF 10  
SEE BILL OF MATERIALS AND QUANTITY SCHEDULE ON SHEET 2 OF 10.

**BENT 11 ELEVATIONS**

**BENT 12 ELEVATIONS**

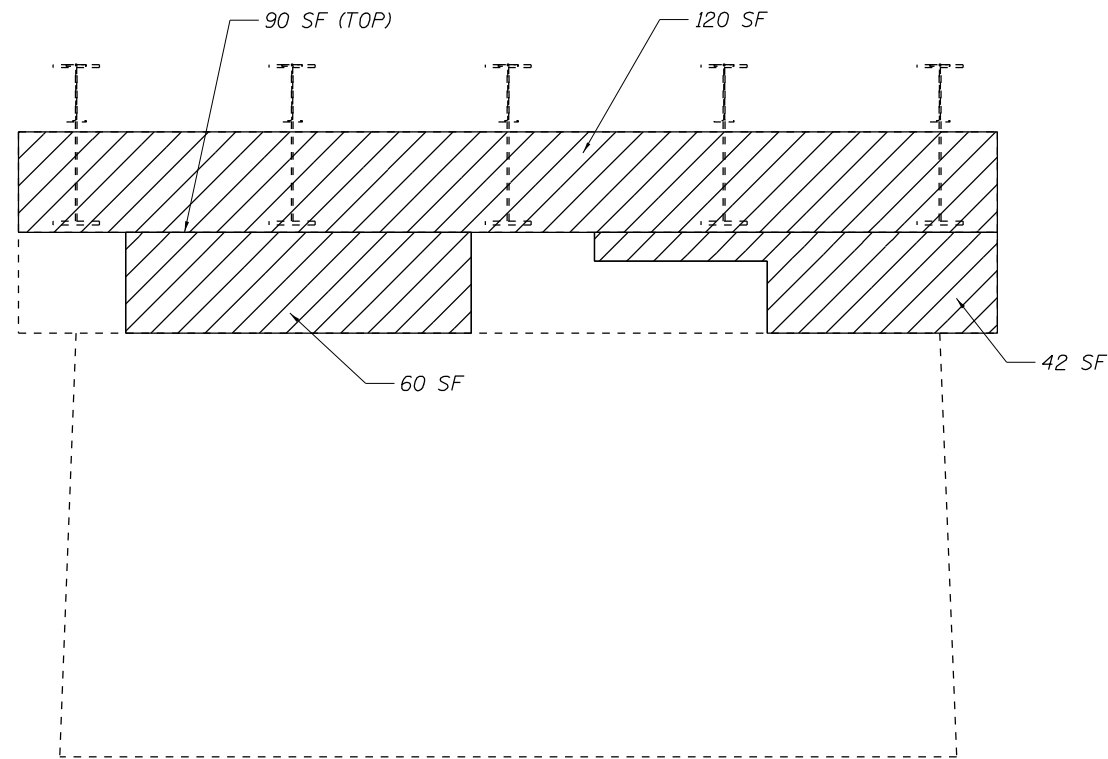
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USER NAME = dudleybm	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/23/2021	CHECKED -	REVISED -
	DATE -	REVISED -

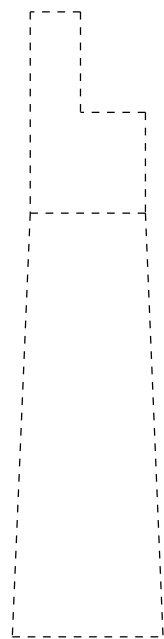
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BENTS 11 &amp; 12 REPAIRS SN 059-0016</b>			
SCALE:	SHEET 8	OF 10 SHEETS	STA. TO STA.

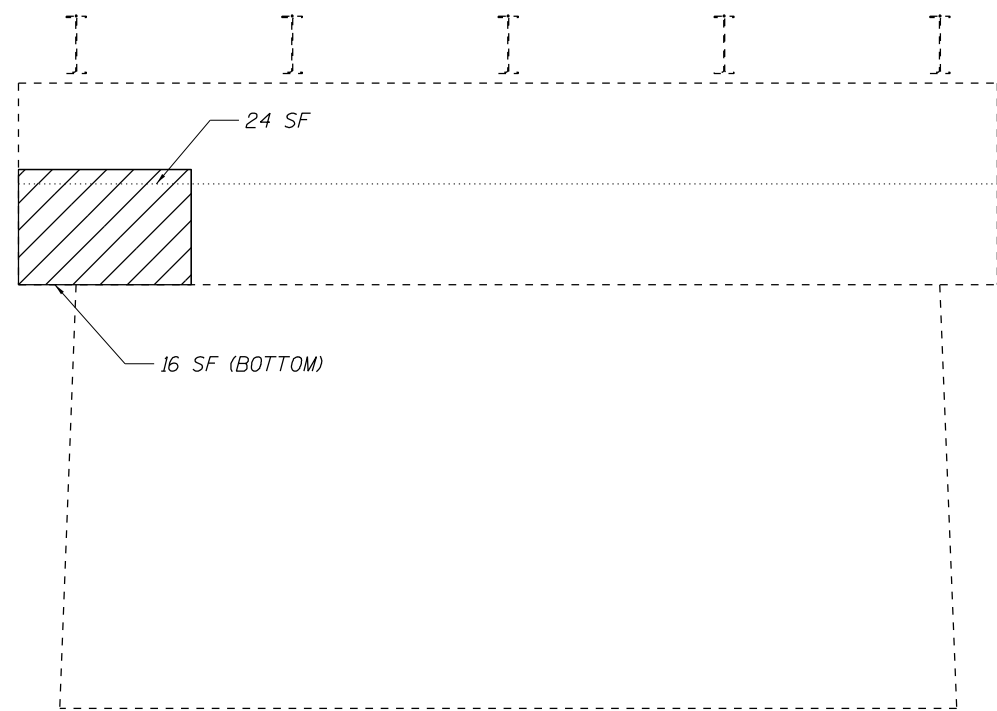
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126 BRR	MACOUPIN	13	11
CONTRACT NO. 72M84				
ILLINOIS FED. AID PROJECT				



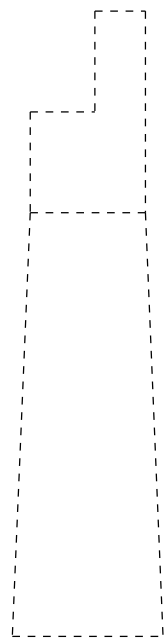
**SOUTH FACE**



**EAST FACE**



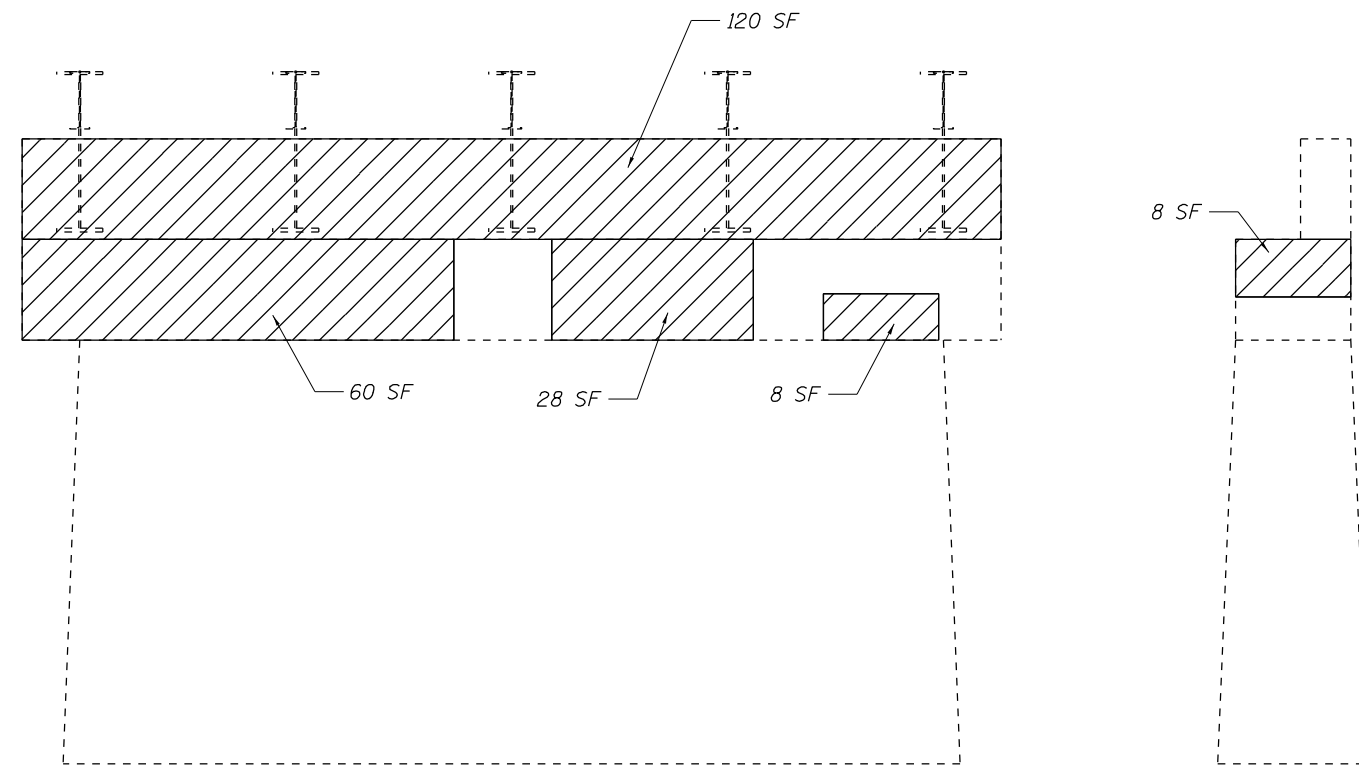
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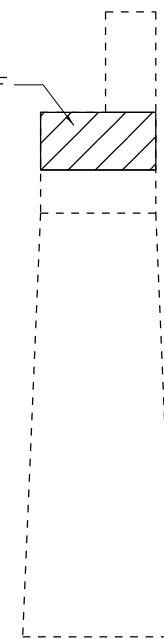
**WEST FACE**

SEE LEGEND ON SHEET 3 OF 10  
 SEE BILL OF MATERIALS AND QUANTITY SCHEDULE ON SHEET 2 OF 10  
 SEE BEAM REACTION TABLE ON SHEET 2 OF 10.

**PIER 1 ELEVATIONS**

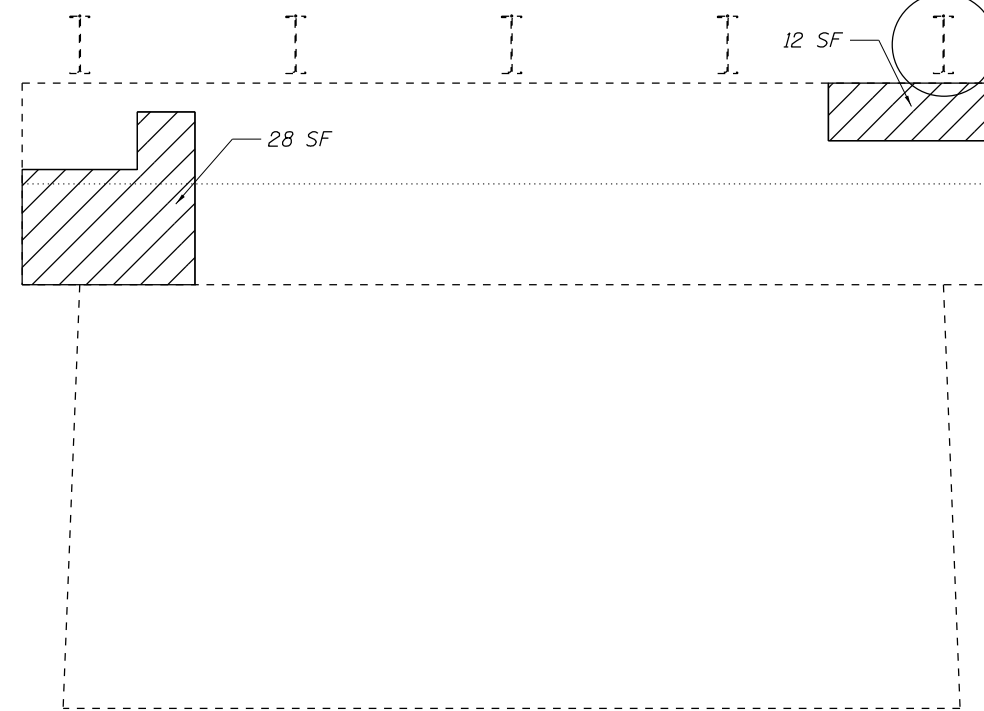


**NORTH FACE**

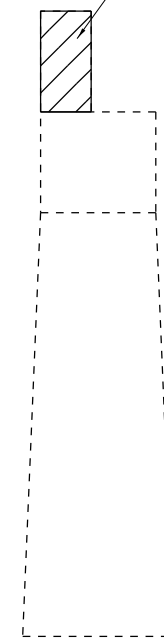


**WEST FACE**

BEAM E ← TEMP. SHORING & CRIBBING BEAM A



**SOUTH FACE**



**EAST FACE**

**PIER 2 ELEVATIONS**

MODEL: Default  
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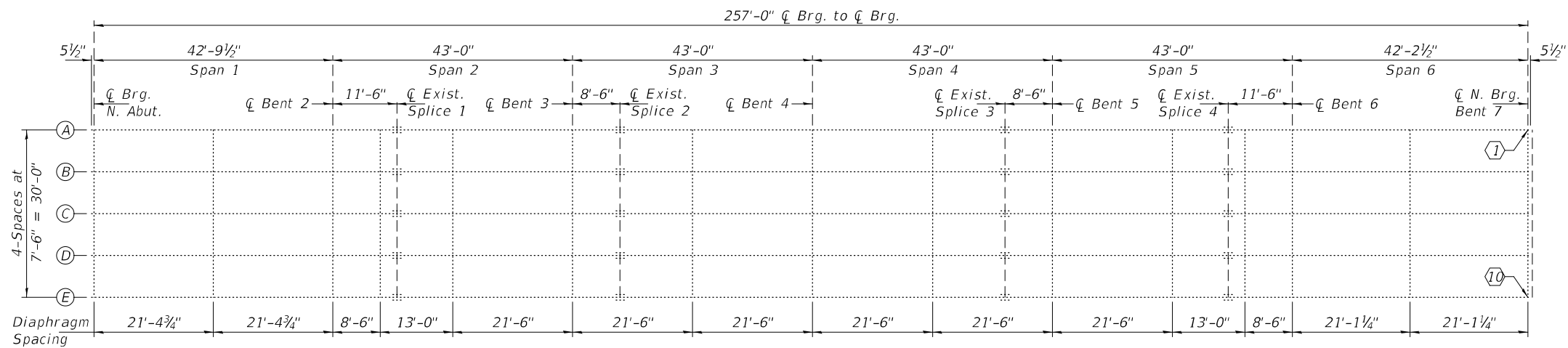
USER NAME = dudleybm	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

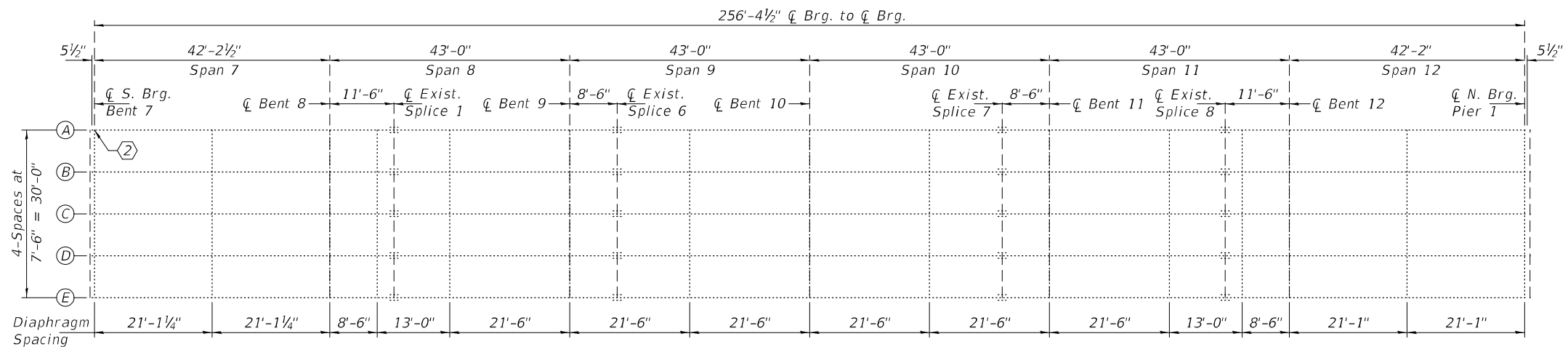
**PIERS 1 & 2 REPAIRS  
 SN 059-0016**

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

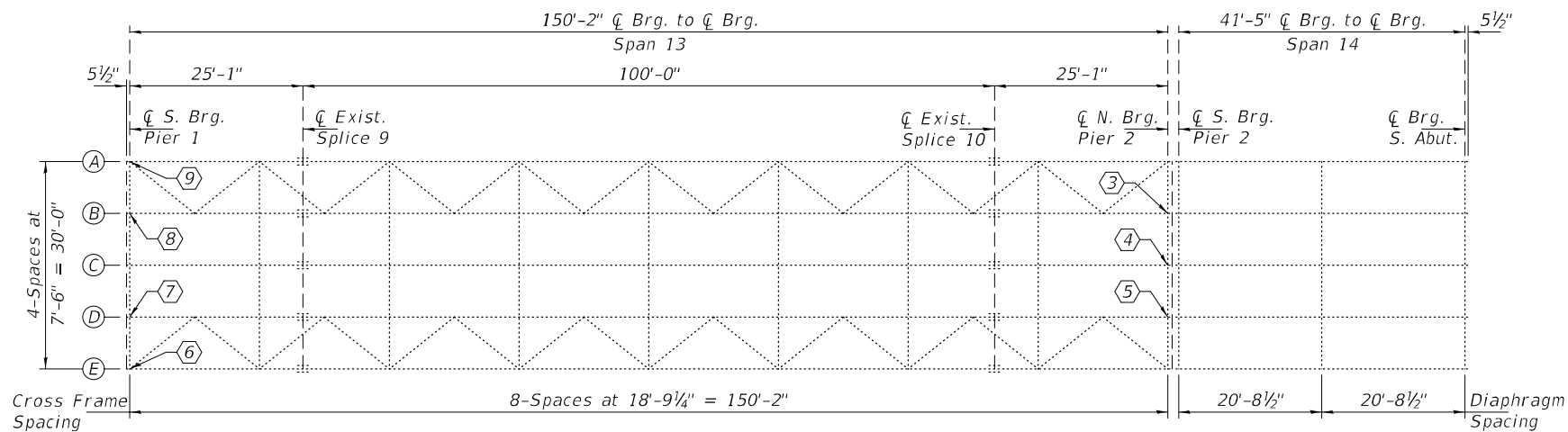
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126 BRR	MACOUPIN	13	12
			CONTRACT NO. 72M84	
ILLINOIS FED. AID PROJECT				



FRAMING PLAN - UNIT I



FRAMING PLAN - UNIT II



FRAMING PLAN - UNITS III & IV

SCOPE OF WORK

⬡ - Repair Detail

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 3/4"Ø, open holes 1 1/16"Ø, unless otherwise noted.  
 All new structural steel shall be hot-dipped galvanized. See Special Provisions for "Hot Dip Galvanizing for Structural Steel."  
 Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the special provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".  
 Cost of removal and re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Structural Steel Repair.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	1260

Expires: November 30, 2022

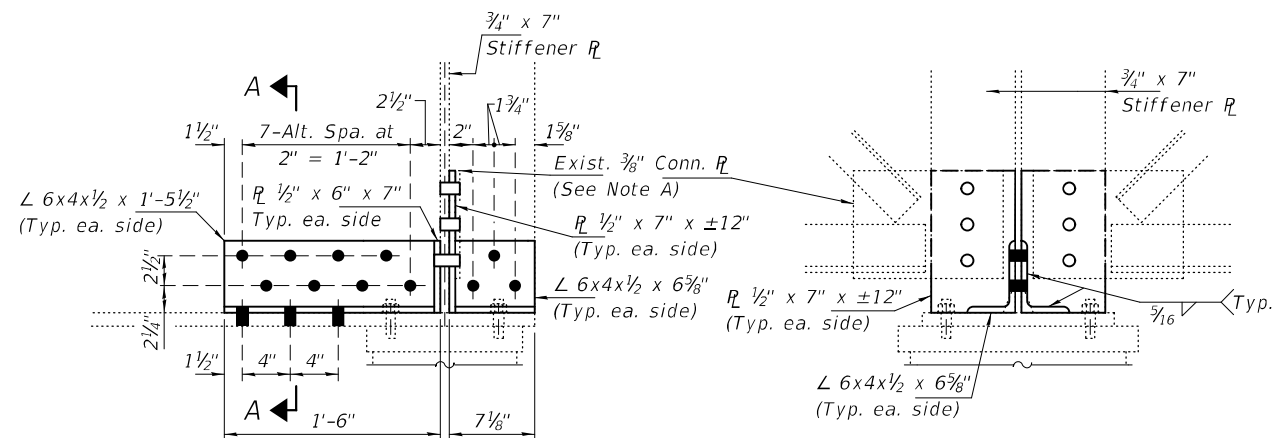
DESIGNED - STEPHEN M. RYAN	EXAMINED	DATE - MAY 3, 2021
CHECKED - VICTOR H. VELIZ	ENGINEER OF STRUCTURAL SERVICES	
DRAWN - STEFFEN	PASSED	REVISED -
CHECKED - SMR VHV	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FRAMING PLAN & ELEVATION  
ILLINOIS ROUTE 111 OVER MACOUPIN CREEK  
SN 059-0016

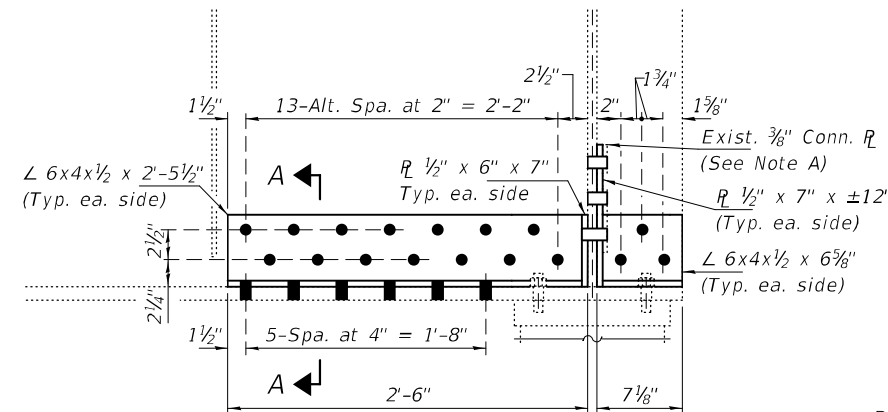
SHEET NO. 1 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126BR	MACOUPIN	13	13
CONTRACT NO. 72M84				
ILLINOIS FED. AID PROJECT				

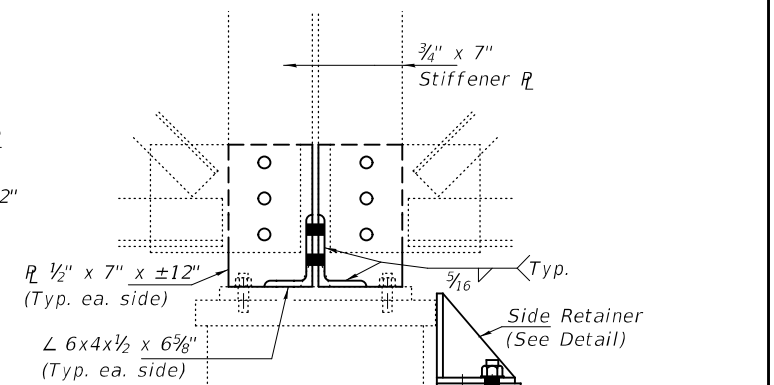


REPAIR DETAIL 3 & 4 - ELEVATION

REPAIR DETAIL 3 & 4 - END VIEW



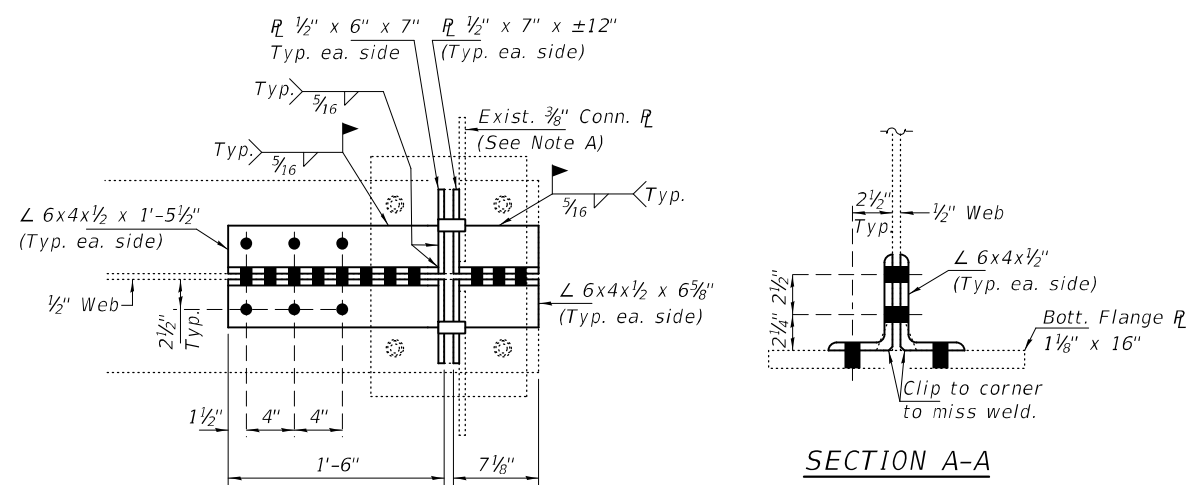
REPAIR DETAIL 5 - ELEVATION



Burn existing anchor bolt flush with existing concrete surface. Grind existing anchor bolt smooth and seal with epoxy. Cost included with Structural Steel Repair.

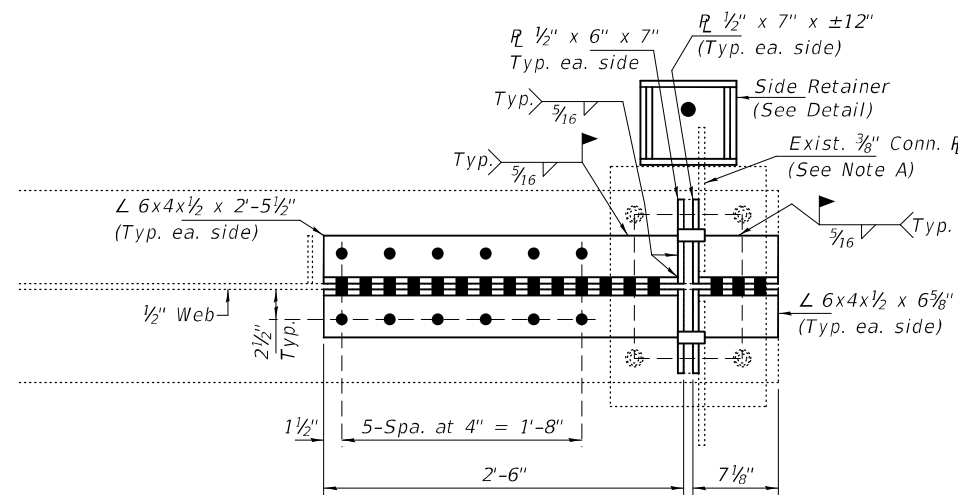
REPAIR DETAIL 5 - END VIEW

Cost of Side Retainer and Anchor Bolt included with Structural Steel Repair.

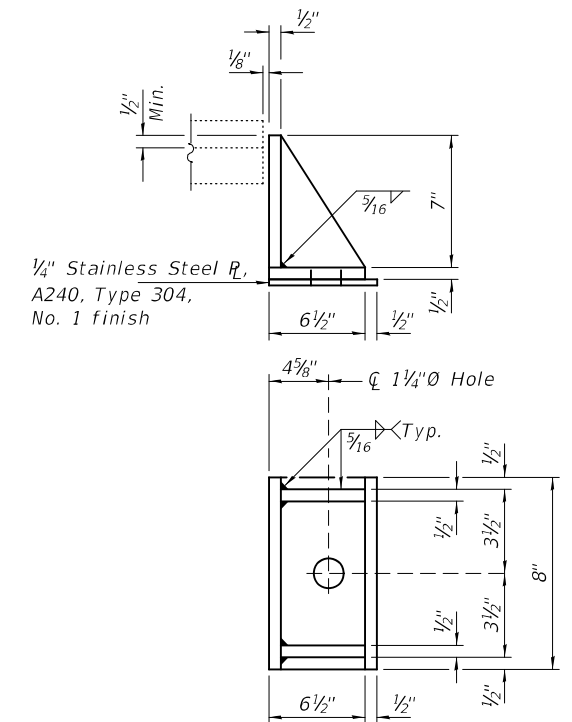


REPAIR DETAIL 3 & 4 - PLAN

SECTION A-A



REPAIR DETAIL 5 - PLAN



SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

Note A:  
Existing Cross Frame Connection R to be unbolted and rebolted to new Repair R & Fill R

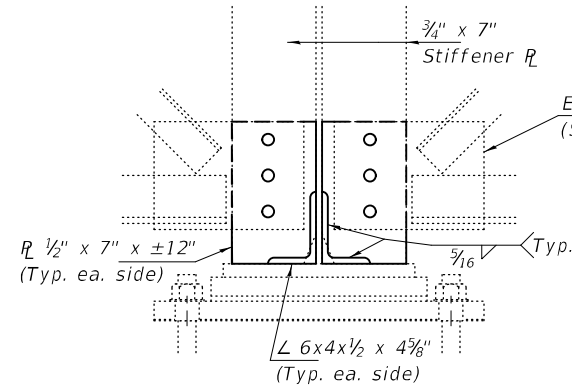
DESIGNED - SMR	EXAMINED - <i>Timothy A. Daulton</i>	DATE - MAY 3, 2021
CHECKED - VHV	ENGINEER OF STRUCTURAL SERVICES	
DRAWN - STEFFEN	PASSED - <i>Carl Ruyter</i>	REVISED -
CHECKED - SMR VHV	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

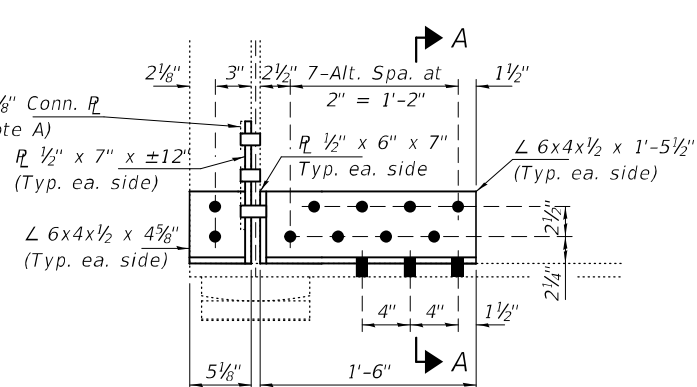
REPAIR DETAILS  
SN 059-0016

SHEET NO. 2 OF 4 SHEETS

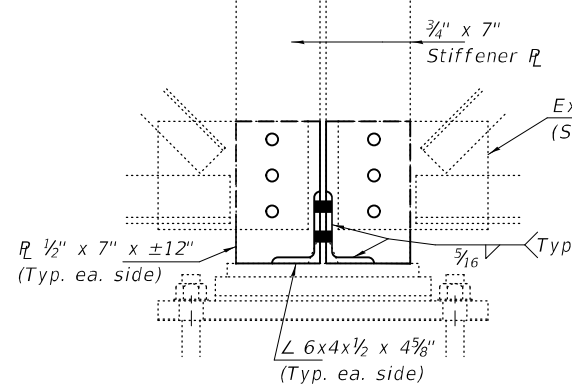
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126BR	MACOUPIN	13	13A
CONTRACT NO. 72M84				
ILLINOIS FED. AID PROJECT				



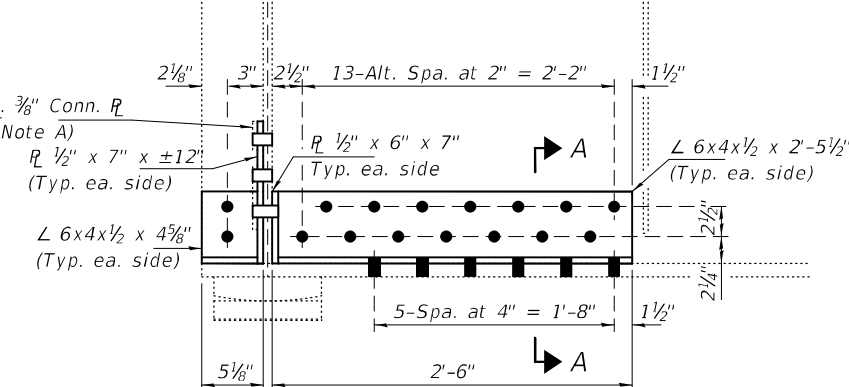
REPAIR DETAIL 7 - END VIEW



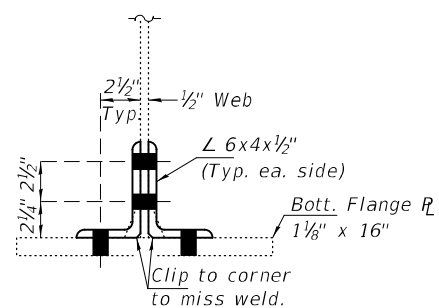
REPAIR DETAIL 7 - ELEVATION



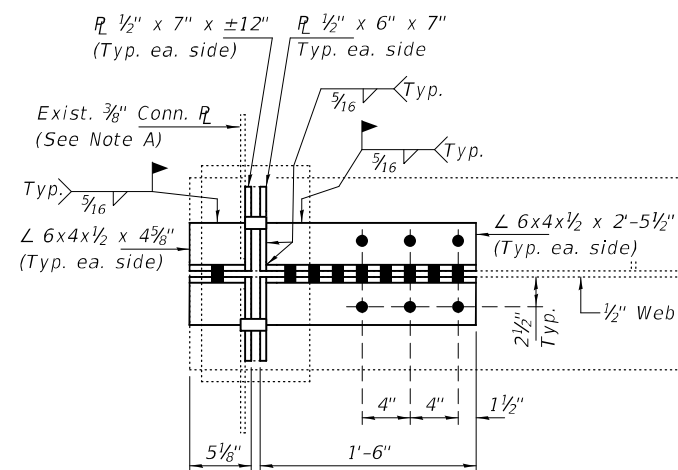
REPAIR DETAIL 8 - END VIEW



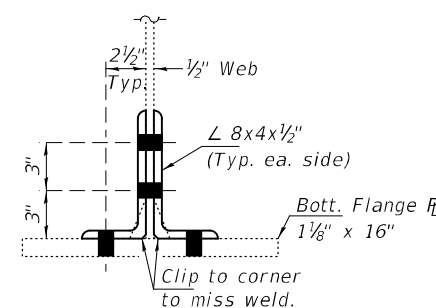
REPAIR DETAIL 8 - ELEVATION



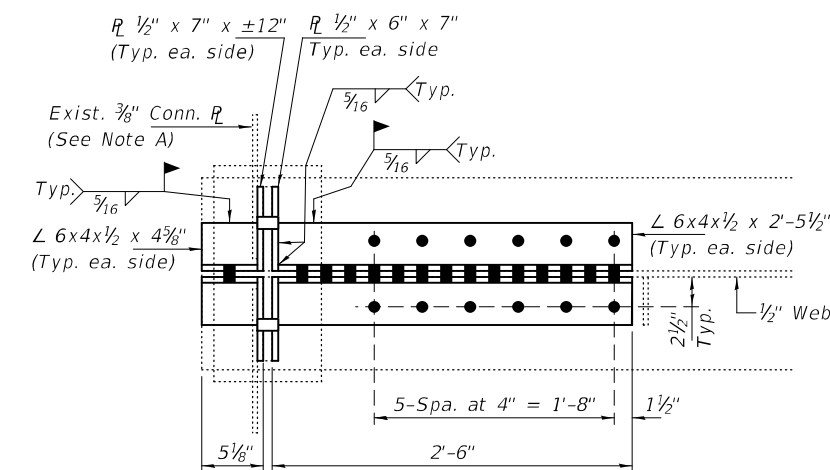
SECTION A-A



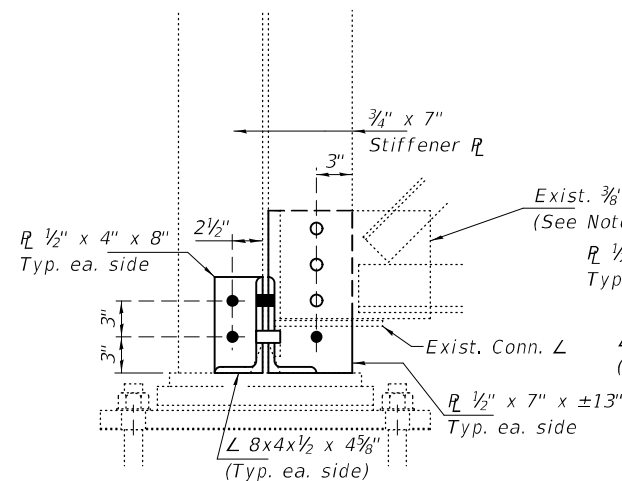
REPAIR DETAIL 7 - PLAN



SECTION B-B

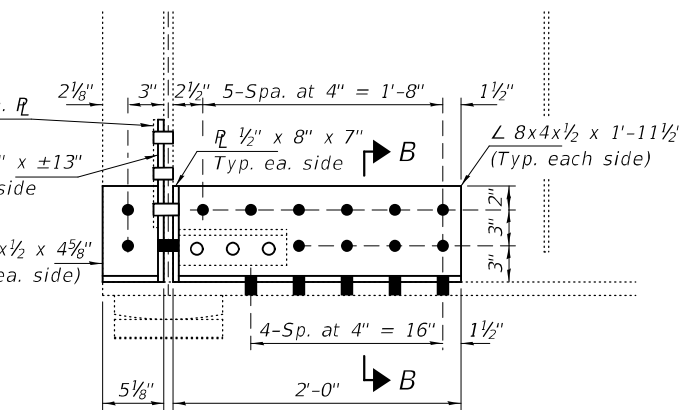


REPAIR DETAIL 8 - PLAN



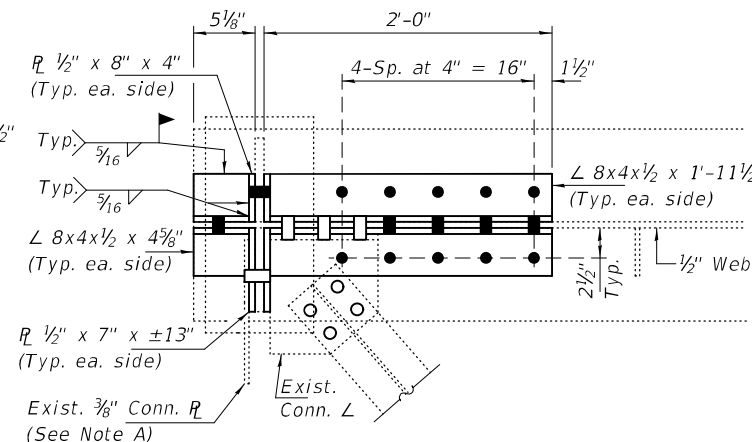
REPAIR DETAIL 6 & 9 - END VIEW

(Repair Detail 9 shown, Repair Detail 6 opposite.)



REPAIR DETAIL 6 & 9 - ELEVATION

(Repair Detail 9 shown, Repair Detail 6 opposite.)



REPAIR DETAIL 6 & 9 - PLAN

(Repair Detail 9 shown, Repair Detail 6 opposite.)

Note A:  
Existing Cross Frame Connection  
to be unbolted and rebolted to  
new Repair R & Fill R

**BOLT HOLE LEGEND**

- - Field Drill holes using holes in existing steel as template.
- - Shop Drilled Holes

DESIGNED - SMR	EXAMINED - <i>Timothy A. Daulton</i>
CHECKED - VHV	ENGINEER OF STRUCTURAL SERVICES
DRAWN - STEFFEN	PASSED - <i>Carl R. Rupp</i>
CHECKED - SMR VHV	ENGINEER OF BRIDGES AND STRUCTURES

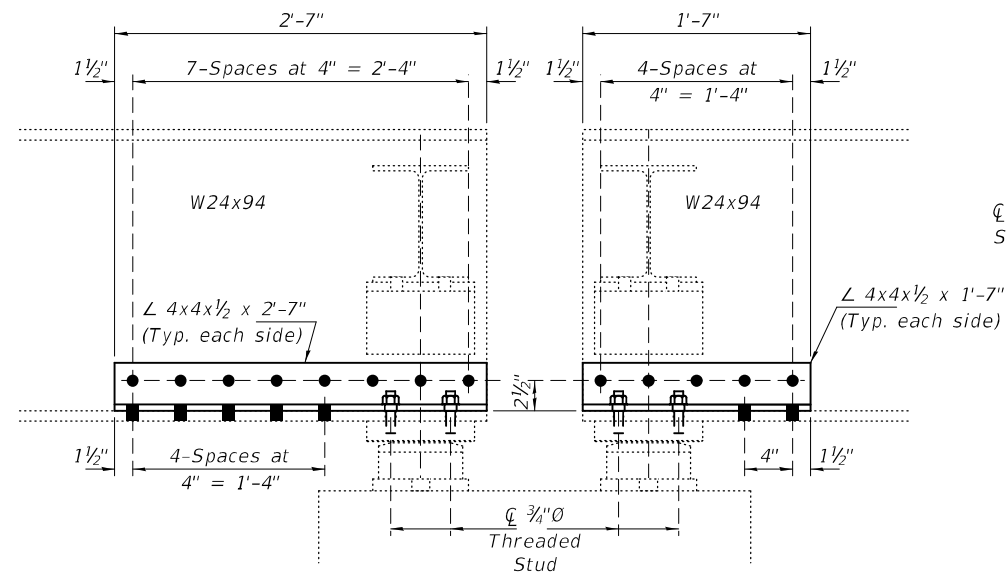
DATE - MAY 3, 2021	REVISI
REVISI	REVISI

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

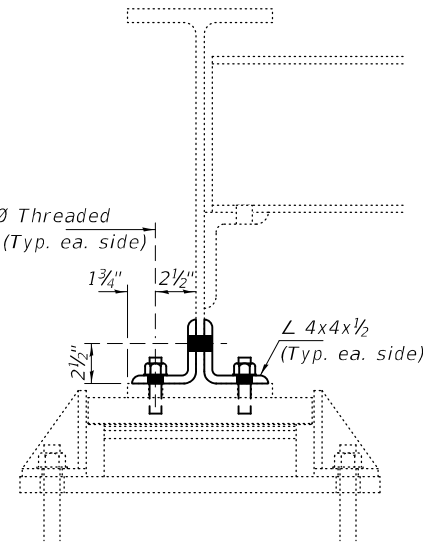
REPAIR DETAILS  
SN 059-0016

SHEET NO. 3 OF 4 SHEETS

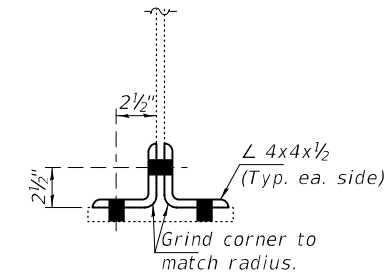
F.A.P. RTE. 608	SECTION 126BR	COUNTY MACOUPIN	TOTAL SHEETS 13	SHEET NO. 13B
CONTRACT NO. 72M84				ILLINOIS FED. AID PROJECT



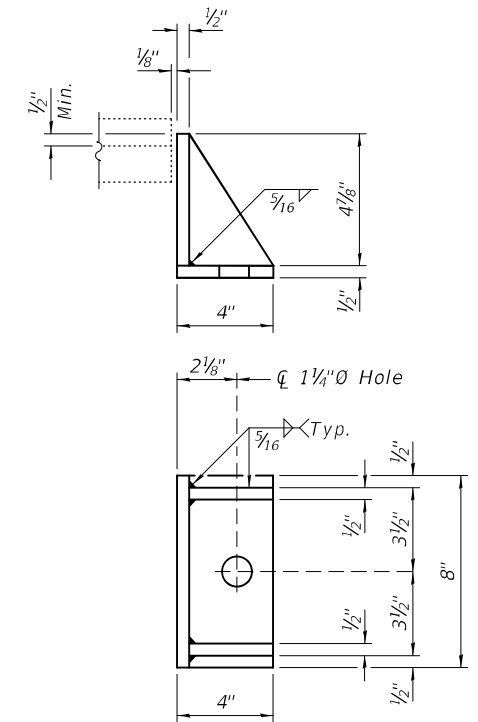
**REPAIR DETAIL 1 & 2 - ELEVATION**



**REPAIR DETAIL 1 & 2  
SECTION AT BEARING**



**REPAIR DETAIL 1 & 2  
SECTION AWAY FROM BEARING**



**DETAIL 10 - SIDE RETAINER**

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

DESIGNED - SMR	EXAMINED	DATE - MAY 3, 2021
CHECKED - VHV	<i>Timothy A. Daulton</i> ENGINEER OF STRUCTURAL SERVICES	REVISED -
DRAWN - STEFFEN	PASSED	REVISED -
CHECKED - SMR VHV	<i>Carl Ruyter</i> ENGINEER OF BRIDGES AND STRUCTURES	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REPAIR DETAILS  
SN 059-0016**

SHEET NO. 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
608	126BR	MACOUPIN	13	13C
CONTRACT NO. 72M84				
ILLINOIS FED. AID PROJECT				