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5. STAGING - STAGE I
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- 7 - 9. EXISTING STRUCTURE PLANS - SN 050-0159

STANDARDS

- | | |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY |
| 701006-03 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM EOP |
| 701201-04 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701321-11 | LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER |
| 701901-01 | TRAFFIC CONTROL DEVICES |
| 704001-06 | TEMPORARY CONCRETE BARRIER |

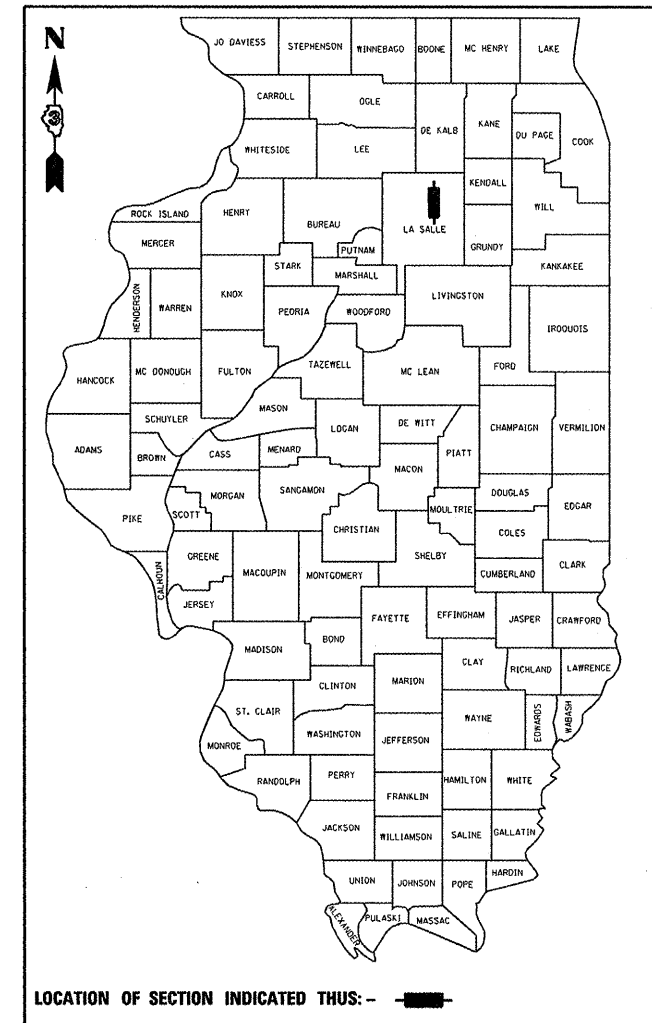
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 68 (IL 23)
SECTION (3BR)BP**

**BRIDGE PAINTING
LASALLE COUNTY
C-93-095-11**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(3BR)BP	LASALLE	9	1
CONTRACT NO. 66B30				
ILLINOIS				

D-93-076-11



LOCATION OF SECTION INDICATED THUS: - - - - -

FUNCTIONAL CLASSIFICATION

RURAL - MINOR ARTERIAL

FAP ROUTE 68 (IL 23)

2010 ADT 1750

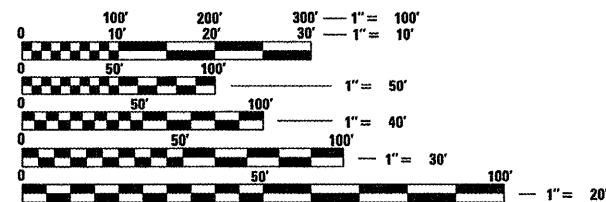
P.V. 85.72% M.U. 7.14% S.U. 7.14%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 4/7 20 11
Eric S. Thacker
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 13 20 11
Scott E. Stitt P.E. I.C.
ENGINEER OF DESIGN AND ENVIRONMENT
May 13 20 11
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

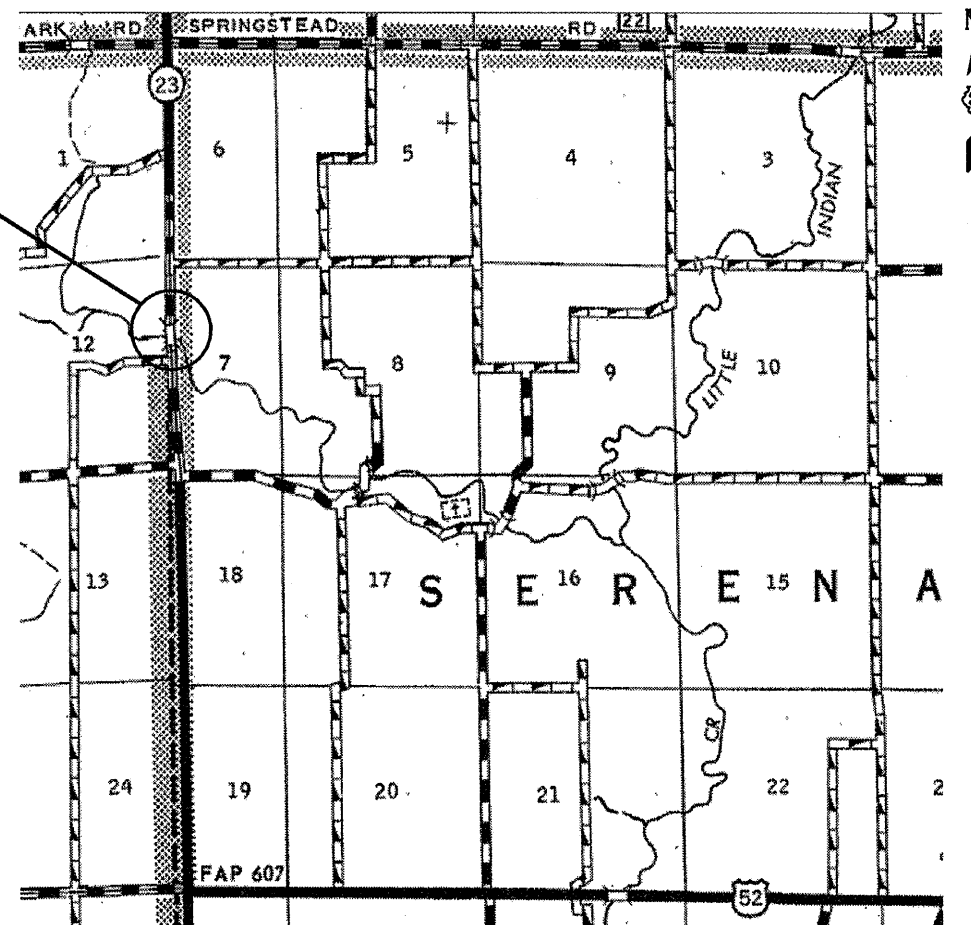
PROJECT LOCATION

FAP ROUTE 68 (IL 23) OVER INDIAN CREEK
2.63 MILES NORTH OF US 52.
SECTION (3BR)BP
S.N. 050-0159



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



POINT LOCATION

PROJECT ENGINEER: JOE KANNEL
UNIT CHIEF: RON WOODSHANK
TOWNSHIPS: SERENA
CONTRACT NO. 66B30

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO ROUTINE 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 THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY FURNISHED BASED UPON THE UNIT BID PRICE FOR THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE "JULIE" NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT (48) HOURS ADVANCE NOTICE IS REQUIRED.

A MINIMUM OF 2 AIR MONITORS WILL BE REQUIRED TO MONITOR ABRASIVE BLASTING AT THIS SITE. SEE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES".

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR SHALL BE REQUIRED TO SECURE WASTE CONTAINERS THAT REMAIN ON THE JOB SITE. THIS WILL ENTAIL THAT ALL WASTE CONTAINERS CAN NOT BE MOVED OR OPENED DURING NON-WORKING HOURS.

WORKING DAYS SHALL BE CHARGED UNTIL THE CONTRACTOR/SUBCONTRACTOR LICENSED TO DISPOSE OF LEAD PAINT REDIDUE HAS REMOVED THE WASTE MATERIAL FROM THE JOB SITE ACCORDING TO ALL FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES.

THE EXISTING STRUCTURAL STEEL ON SN 050-0159 CONTAINS LEAD THE CONTRACTOR SHOULD TAKE APPROPRIATE PRECAUTIONS TO DEAL WITH THE PRESENCE OF LEAD PAINT ON THIS PROJECT.

THE SSPC-QP1 AND SSPC-QP2 "PAINTING CONTRACTOR CERTIFICATIONS" WILL BE REQUIRED FOR THIS PROJECT.

LOCATION 1: SN 050-0159
CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL EXTERIOR AND INTERIOR SURFACES OF THE BEAMS, DIAPHRAGMS, BEARING ASSEMBLIES AND ALL OTHER ASSOCIATED STEEL COMPONENTS SHALL BE CLEANED PER "NEAR WHITE BLAST CLEANING - SSPC-SP10". ALL EXISTING STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF "PAINT SYSTEM 1 - OZ/E/U". THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE "GRAY, MUNSELL NO. 5B 7/1". THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR, BOTTOM FLANGE AND BEARING ASSEMBLIES OF THE FASCIA BEAMS SHALL BE "GREEN, MUNSELL NO. 7.5G 4/8".

DATE:

4/7/2011

PREPARED BY:

Dave Bruniak
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY:

[Signature]
DISTRICT CONSTRUCTION ENGINEER
Wayne L. Phillips
DISTRICT MATERIALS ENGINEER
[Signature]
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = potelyj	DESIGNED - YOGESH PATEL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mar 15, 2011 - 08:37:21 AM	DATE -	REVISED -	ILLINOIS							
SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____										

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				STATE FUNDS 100% STATE STRUCTURE 0014 RURAL
50606701	CLEANING AND PAINTING STEEL BRIDGE LOCATION 1	L SUM	1	1
Z0007112	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
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70400100	TEMPORARY CONCRETE BARRIER	FOOT	402	402
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	402	402
X5067500	BRIDGE CLEANING AND PAINTING WARRANTY	L SUM	1	1
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2

FILE NAME =	USER NAME = patelujj	DESIGNED - YOGESH PATEL	REVISED -
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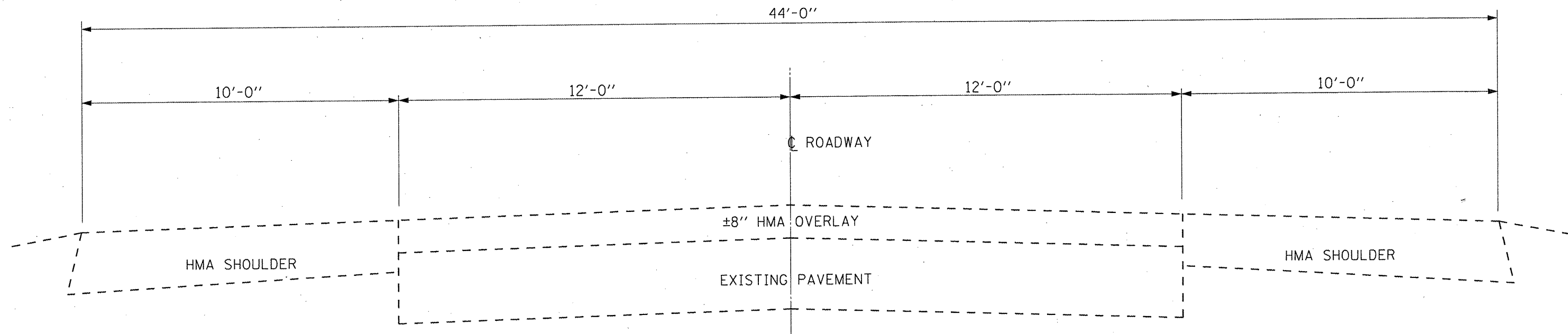
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

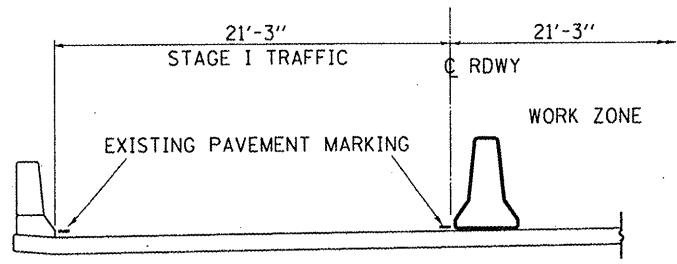
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68	(3BR)BP	LASALLE	9	3
ILLINOIS			CONTRACT NO. 66B30	

Rev.

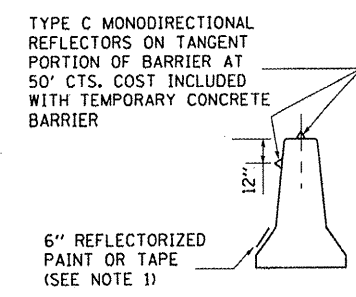


EXISTING TYPICAL SECTION

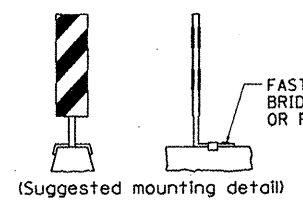
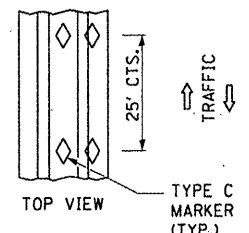
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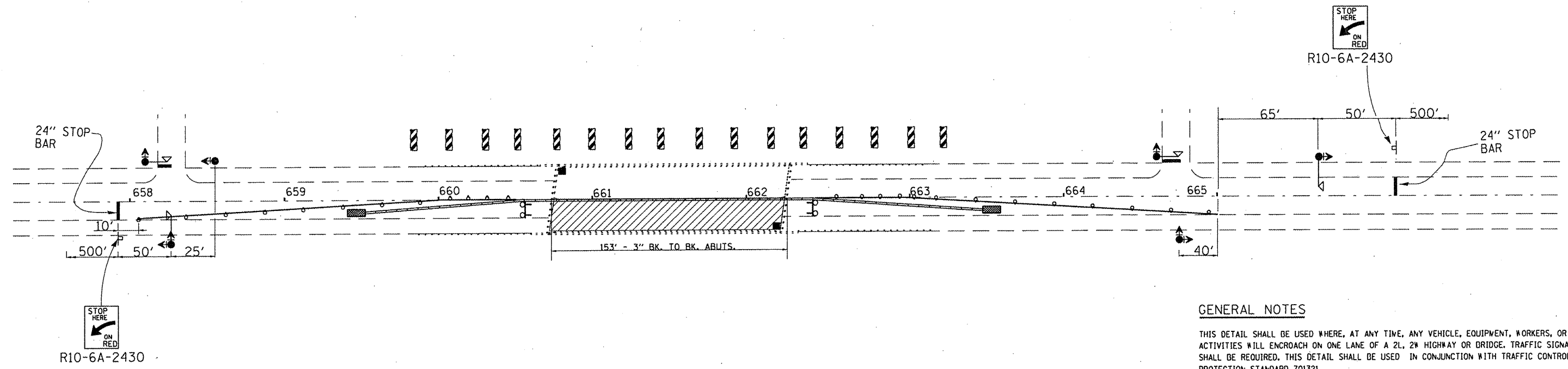
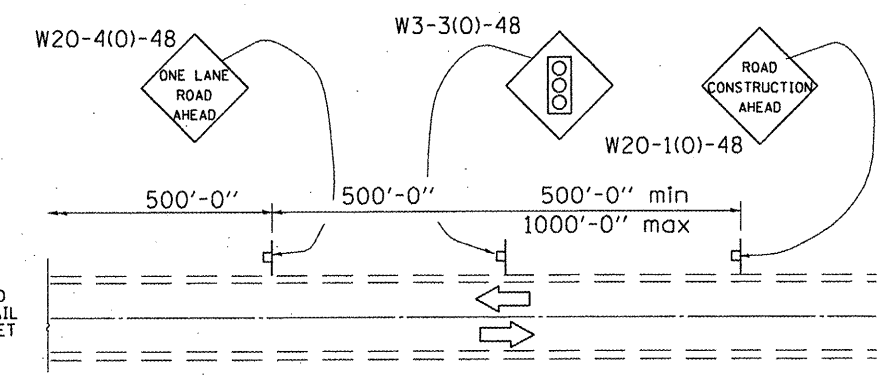
TEMPORARY CONCRETE BARRIER PLACEMENT STAGE I



TEMPORARY CONCRETE BARRIER



VERTICAL PANELS



GENERAL NOTES

THIS DETAIL SHALL BE USED WHERE, AT ANY TIME, ANY VEHICLE, EQUIPMENT, WORKERS, OR THEIR ACTIVITIES WILL ENCROACH ON ONE LANE OF A 2L, 2W HIGHWAY OR BRIDGE. TRAFFIC SIGNALS SHALL BE REQUIRED. THIS DETAIL SHALL BE USED IN CONJUNCTION WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701321.

WHEN TRAFFIC SIGNALS ARE NOT IN OPERATION, FLAGGERS SHALL BE USED AND TRAFFIC CONTROL SHALL CONFORM TO TRAFFIC CONTROL AND PROTECTION STANDARDS 701201 OR 701206.

BIDIRECTIONAL LIGHTS SHALL BE USED AT NIGHT ALONG THE CENTERLINE WHERE THE WORK AREA IS SEPARATED FROM THE TRAVEL LANE USING DRUMS. MONO DIRECTIONAL LIGHTS SHALL BE USED AT NIGHT ON ALL OTHER DRUMS.

EXISTING OR TEMPORARY PAVEMENT MARKING SHALL BE ON BOTH SIDES OF THE OPEN LANE FROM STOP BAR TO STOP BAR. REQUIRED TEMPORARY PAVEMENT MARKING SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION, STANDARD 701321.

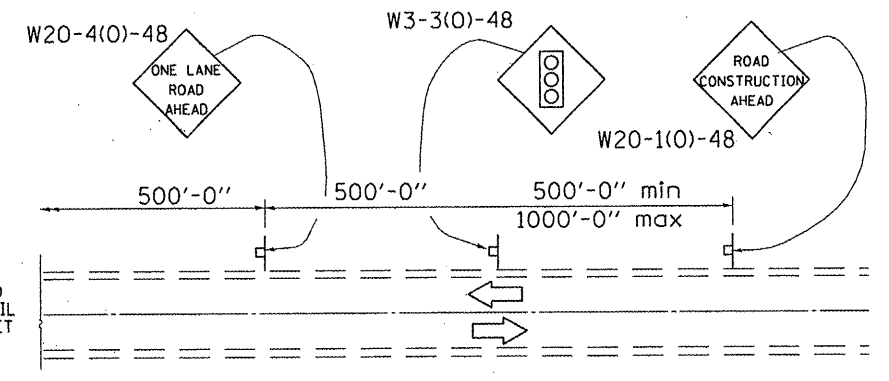
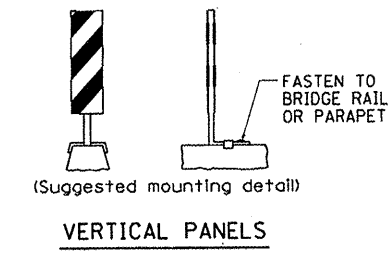
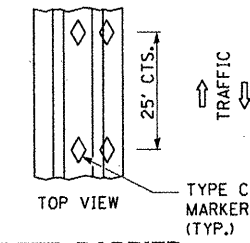
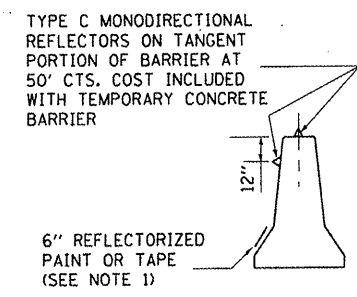
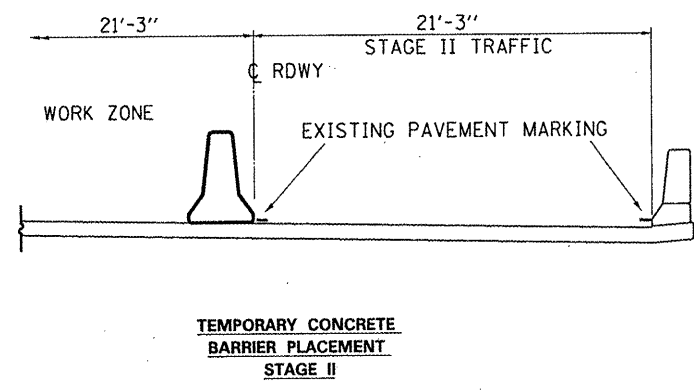
RELOCATION OF TRAFFIC CONTROL DEVICES FOR STAGING SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701321.

SYMBOLS

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH STEADY BURNING LIGHT
- DRUM WITH STEADY BURNING LIGHT
- TRAFFIC SIGNAL WITH BACKPLATE
- DOUBLE VERTICAL PANEL
- MICROWAVE DETECTOR
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- AIR MONITORS

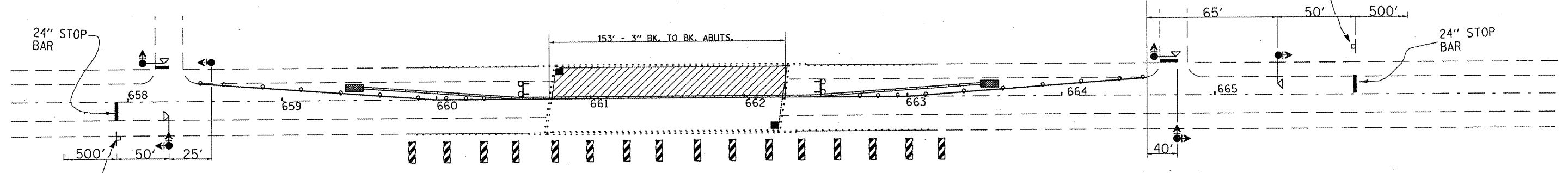
BILL OF MATERIAL

ITEM	UNIT	TOTAL
TEMPORARY CONCRETE BARRIER	FOOT	402



TEMPORARY CONCRETE BARRIER

VERTICAL PANELS



GENERAL NOTES

THIS DETAIL SHALL BE USED WHERE, AT ANY TIME, ANY VEHICLE, EQUIPMENT, WORKERS, OR THEIR ACTIVITIES WILL ENCROACH ON ONE LANE OF A 2L, 2W HIGHWAY OR BRIDGE. TRAFFIC SIGNALS SHALL BE REQUIRED. THIS DETAIL SHALL BE USED IN CONJUNCTION WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701321.

WHEN TRAFFIC SIGNALS ARE NOT IN OPERATION, FLAGGERS SHALL BE USED AND TRAFFIC CONTROL SHALL CONFORM TO TRAFFIC CONTROL AND PROTECTION STANDARDS 701201 OR 701206.

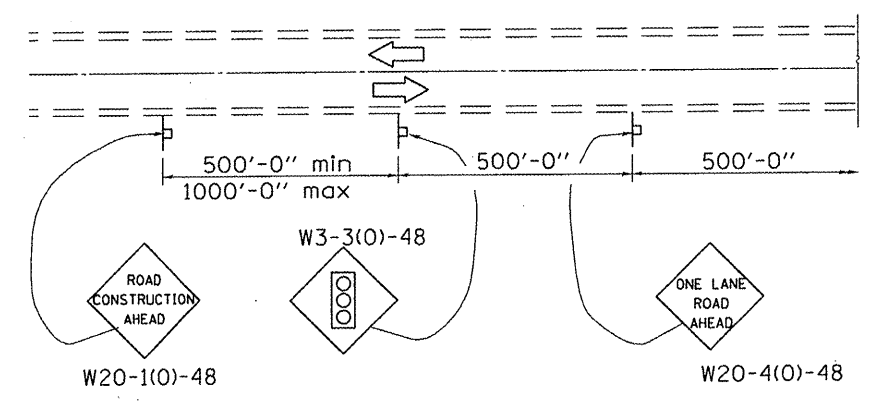
BIDIRECTIONAL LIGHTS SHALL BE USED AT NIGHT ALONG THE CENTERLINE WHERE THE WORK AREA IS SEPARATED FROM THE TRAVEL LANE USING DRUMS. MONO DIRECTIONAL LIGHTS SHALL BE USED AT NIGHT ON ALL OTHER DRUMS.

EXISTING OR TEMPORARY PAVEMENT MARKING SHALL BE ON BOTH SIDES OF THE OPEN LANE FROM STOP BAR TO STOP BAR. REQUIRED TEMPORARY PAVEMENT MARKING SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION, STANDARD 701321.

RELOCATION OF TRAFFIC CONTROL DEVICES FOR STAGING SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701316.

SYMBOLS

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH STEADY BURNING LIGHT
- DRUM WITH STEADY BURNING LIGHT
- TRAFFIC SIGNAL WITH BACKPLATE
- DOUBLE VERTICAL PANEL
- MICROWAVE DETECTOR
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- AIR MONITORS



BILL OF MATERIAL

ITEM	UNIT	TOTAL
RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	402

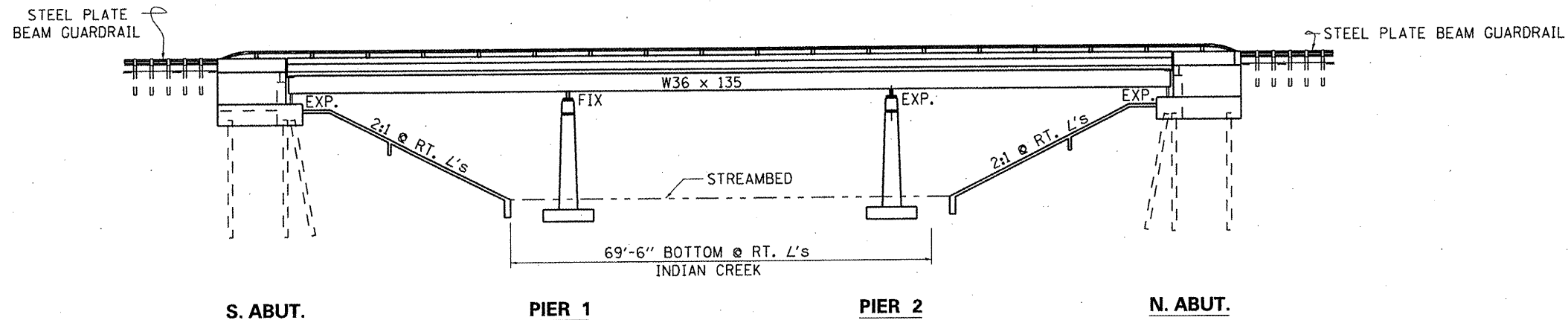
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING - STAGE II

SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____

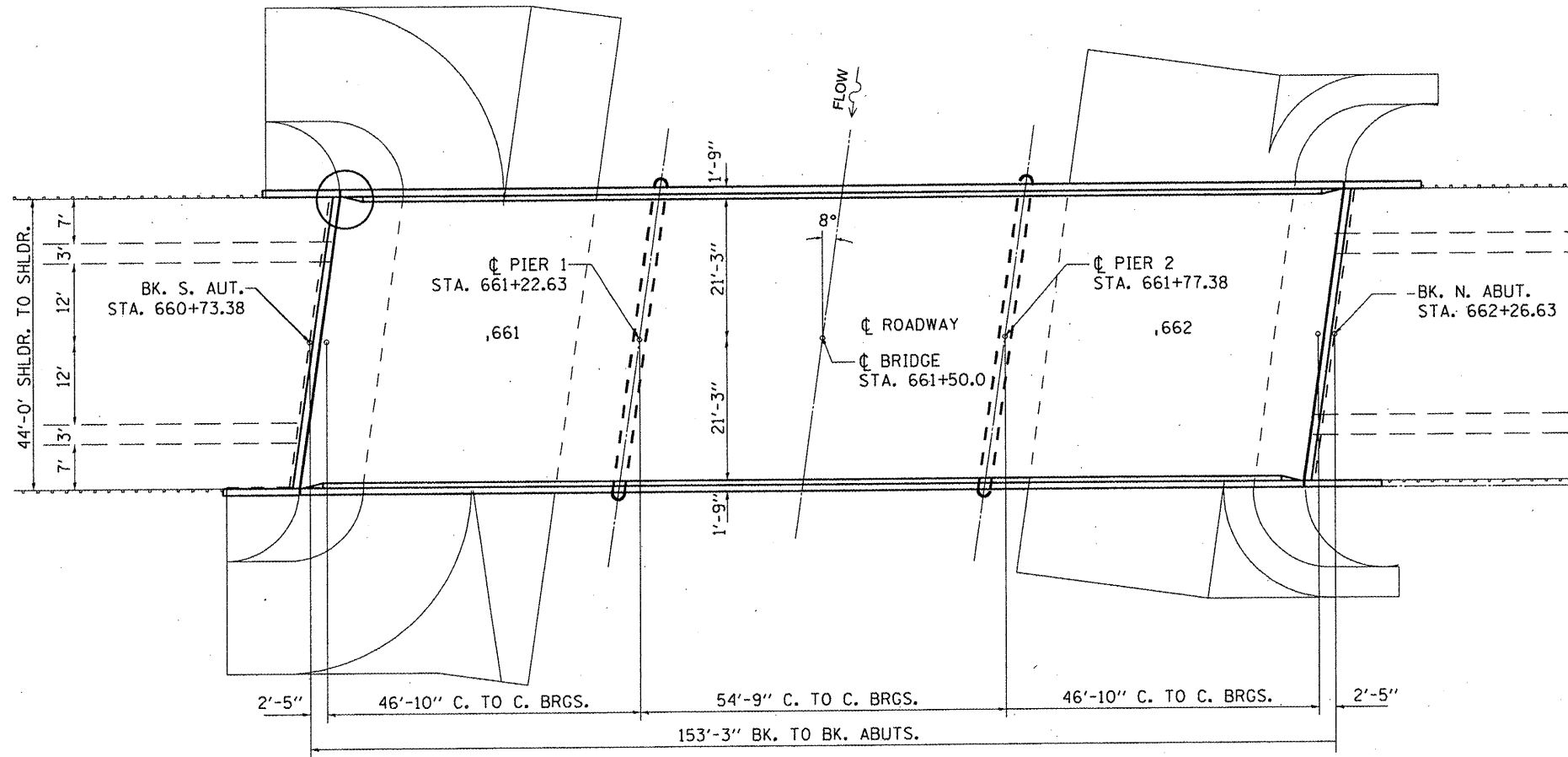
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
68	(3BR)BP	LASALLE	9 6
			CONTRACT NO. 66B30
ILLINOIS			



ELEVATION

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1
CONTAINMENT AND DISPOSAL OF LEAD BASED CLEANING RESIDUES	L SUM	1
BRIDGE CLEANING AND PAINTING WARRANTY	L SUM	1



PLAN

**PLAN AND ELEVATION VIEWS
FAP ROUTE 68
(IL 23)
SECTION (3BR)BP
LASALLE COUNTY
S.N. 050-0159**

FOR INFORMATION ONLY

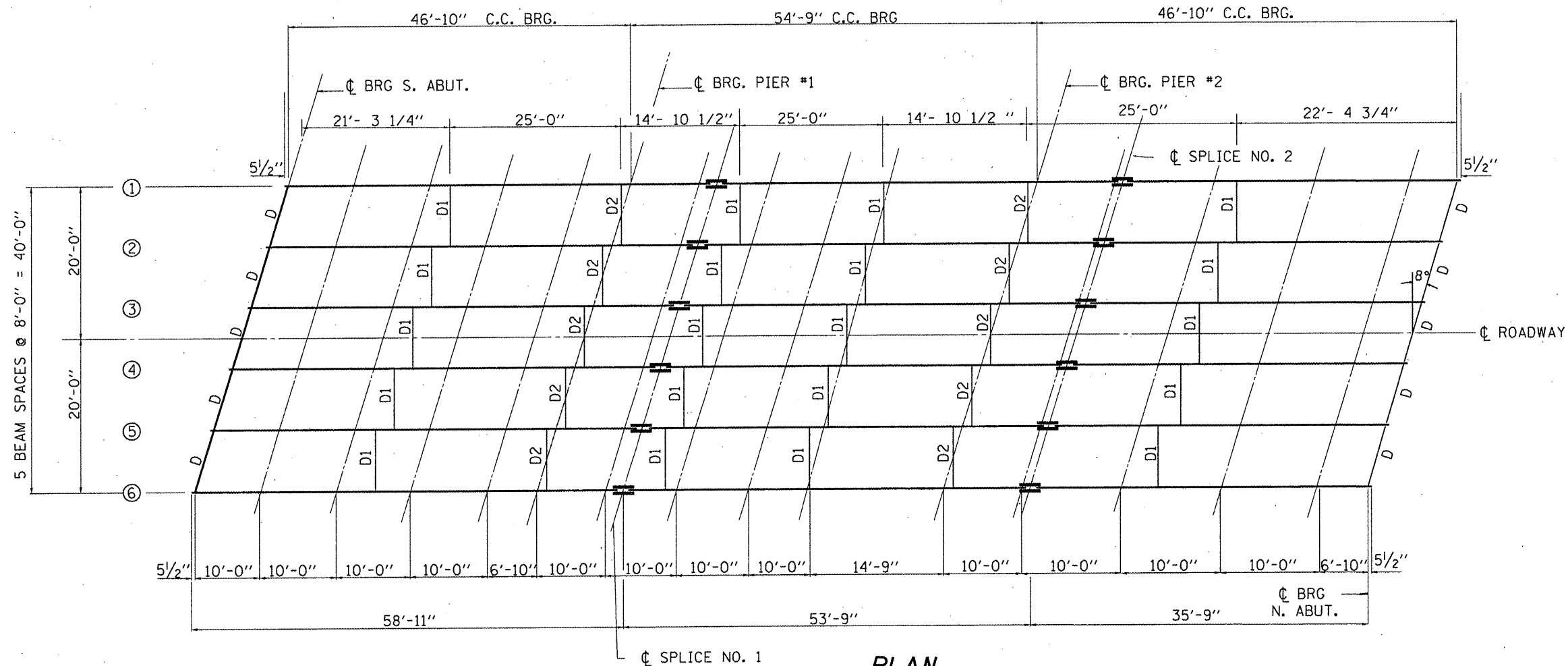
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING STRUCTURE PLANS

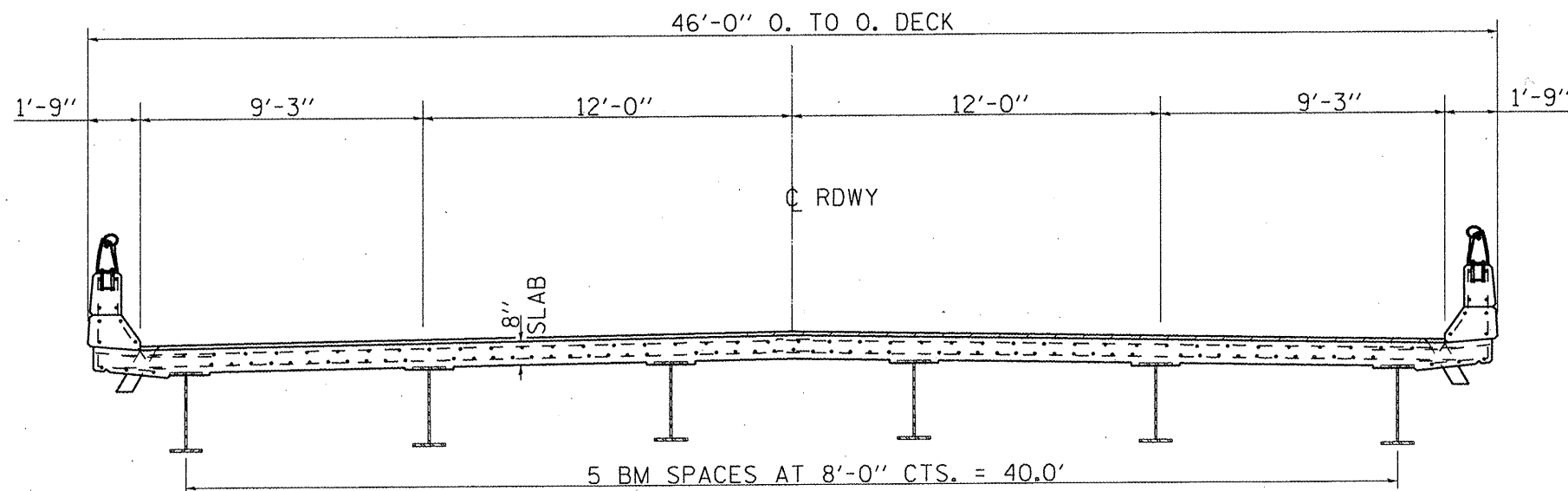
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 68	SECTION (3BR)BP	COUNTY LASALLE	TOTAL SHEETS 9	SHEET NO. 7
CONTRACT NO. 66B30				ILLINOIS



PLAN

ALL BEAMS ARE W36 x 135

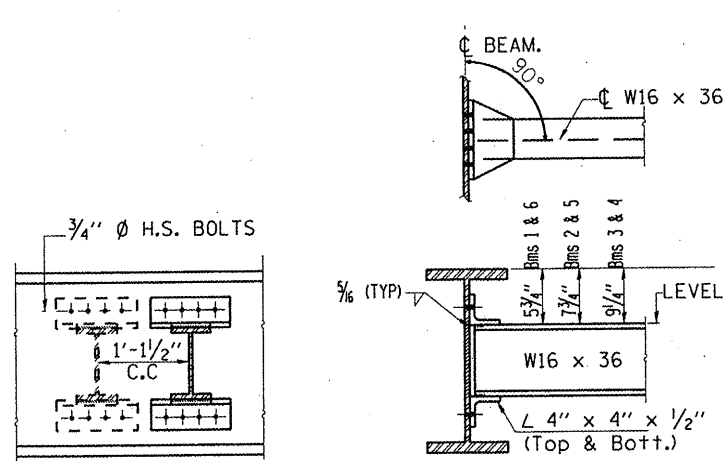


CROSS SECTION
LOOKING NORTH

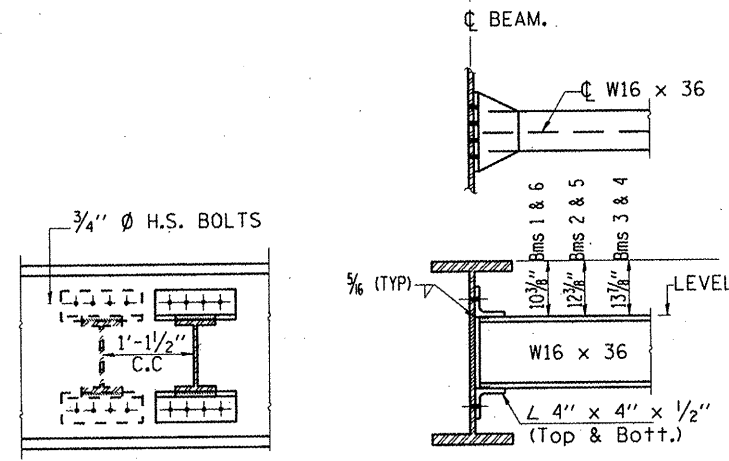
FOR INFORMATION ONLY

STRUCTURAL STEEL DETAILS
FAP ROUTE 68
(IL 23)
SECTION (3BR)BP
LASALLE COUNTY
S.N. 050-0159

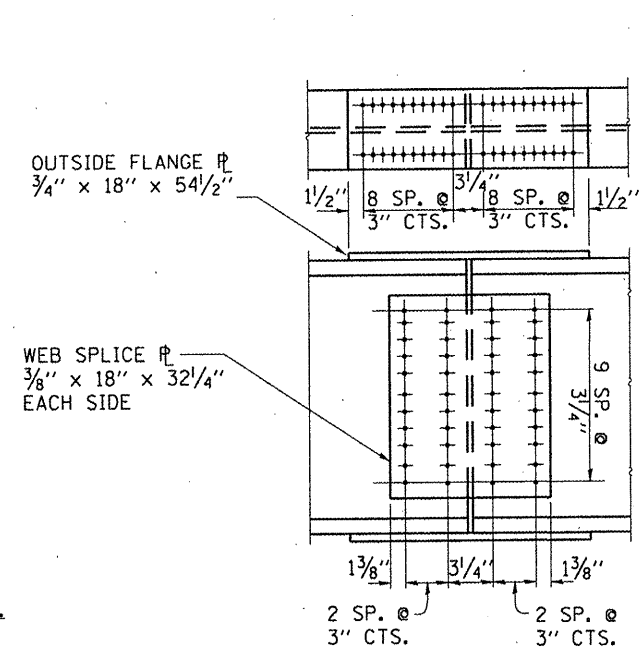
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c:\pwork\pwork\patelyj\d0257969\036630-shr-cover.dgn	DRAWN - YOGESH PATEL	REVISED -	68			(3BR)BP	LASALLE	9	8	
PLOT SCALE = 1/8" = 1'-0"	CHECKED - RON WOODSHANK	REVISED -	CONTRACT NO. 66B30							
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					SCALE: _____	SHEET NO. 1 OF 1 SHEETS		STA. _____ TO STA. _____		



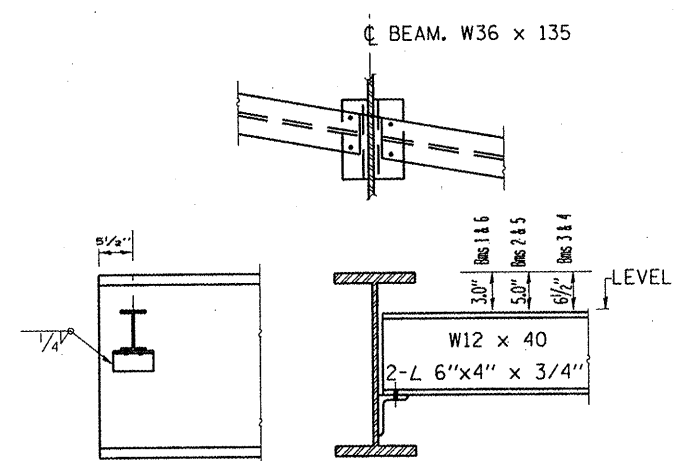
DIAPHRAGM D1
20 REQUIRED



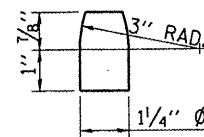
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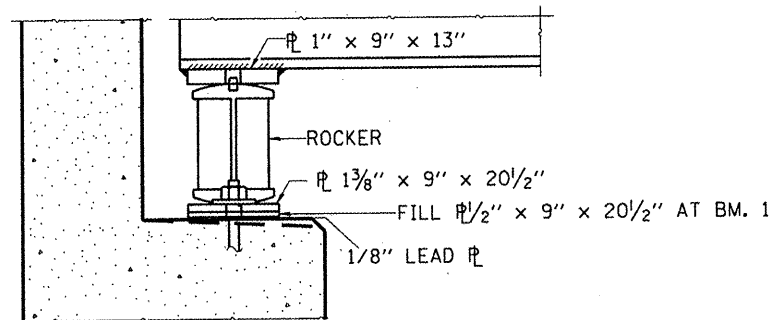
SPLICE DETAIL



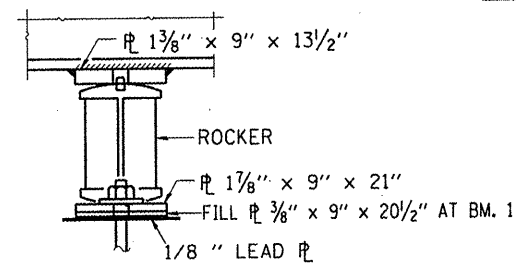
DIAPHRAGM D
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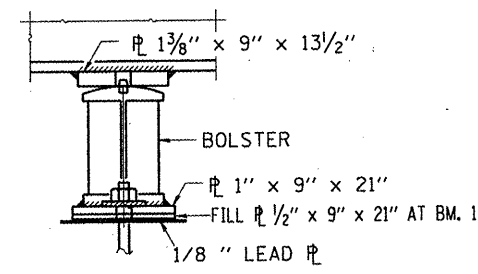
DETAIL OF PINTLE



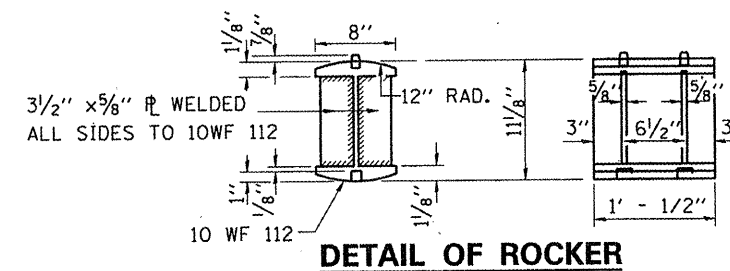
SECTION AT ABUTMENTS



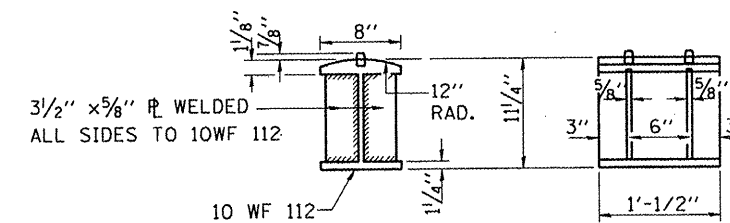
ELEVATION



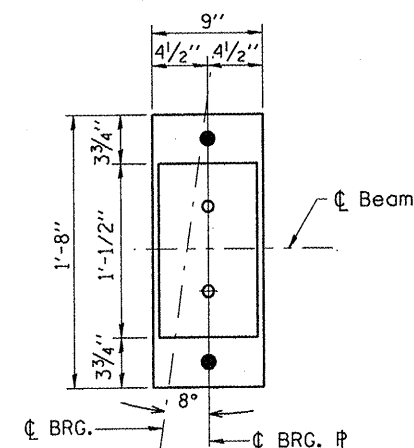
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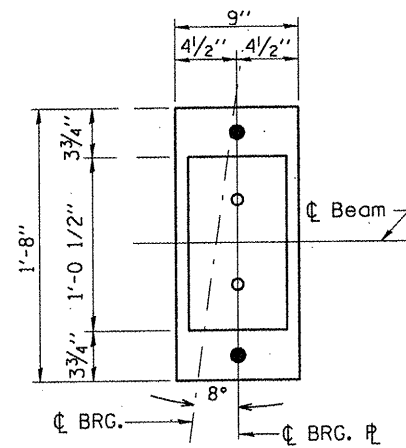
DETAIL OF ROCKER



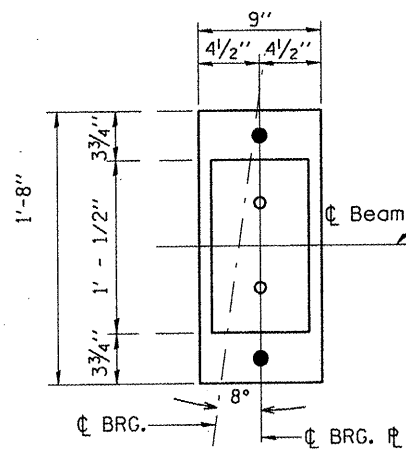
BOLSTER



PLAN



PLAN AT PIER 2



PLAN AT PIER 2

FOR INFORMATION ONLY

STRUCTURAL STEEL DETAILS
FAP ROUTE 68
(IL 23)
SECTION (3BR)BP
LASALLE COUNTY
S.N. 050-0159

FILE NAME =	USER NAME = potelyj	DESIGNED - YOGESH PATEL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE PLANS	F.A.P. RTE. 68	SECTION (3BR)BP	COUNTY LASALLE	TOTAL SHEETS 9	SHEET NO. 9		
ct:\pw\work\p\p\potelyj\0257969\0368838-shr-cover.dgn	DRAWN - YOGESH PATEL	CHECKED - RON WOODSHANK	REVISED -			SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 66B30		
PLOT SCALE = 100.0526' / IN.	DATE	DATE	REVISED -			ILLINOIS						
PLOT DATE = Mar 15, 2011 - 08:43:24 AM	DATE	DATE	REVISED -									