

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-3)BP	IROQUOIS	8	1
		ILLINOIS	CONTRACT NO. 66C61	

INDEX OF SHEETS 03-08-13 LETTING ITEM 017

1. COVER SHEET
2. GENERAL NOTES
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6. TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)
7. GENERAL PLAN AND ELEVATION FOR STRUCTURE NO. 038-0129
8. STRUCTURAL STEEL DETAILS FOR STRUCTURE NO. 038-0129

STANDARDS

- | | |
|-----------|---|
| 701006-04 | OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701101-03 | OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701201-04 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH |
| 701426-05 | LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH |
| 701901-02 | TRAFFIC CONTROL DEVICES |
| 704001-07 | TEMPORARY CONCRETE BARRIER |

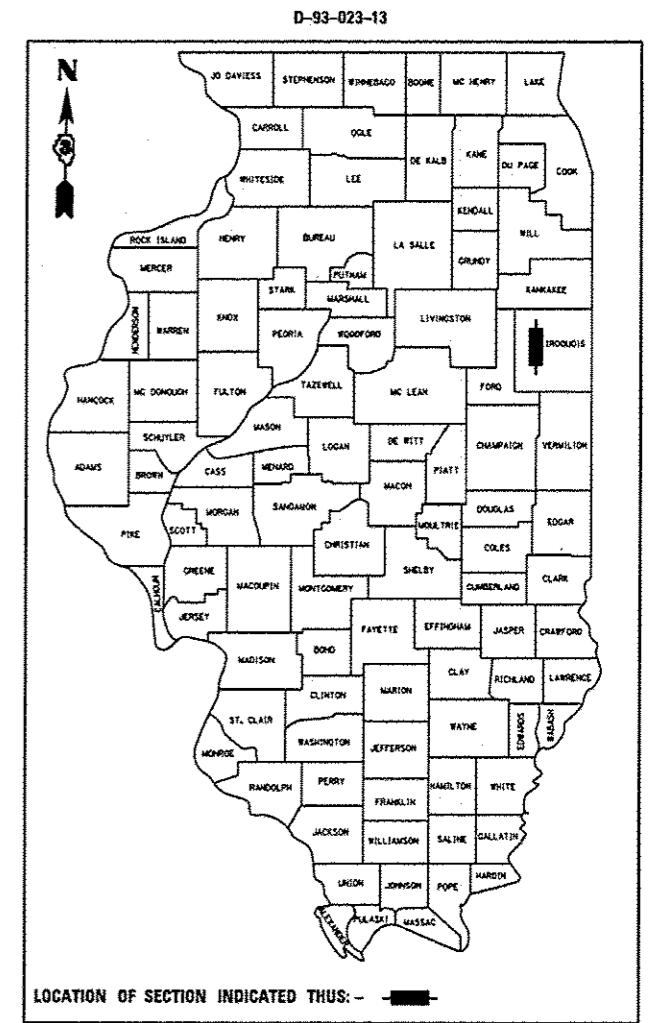
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 57 (I-57)
SECTION (38-5HB-3)BP

**CLEANING AND PAINTING STRUCTURAL STEEL
STRUCTURE NO. 038-0129
TR 58A OVER FAI 57
1.17 MILES SOUTH OF GILMAN INTERCHANGE
IROQUOIS COUNTY**

C-93-022-13



RURAL	
INTERSTATE	
FAI 57 (I-57)	
2011	
ADT	15400
P.V.	64.44%
S.U.	2.44%
M.U.	33.12%

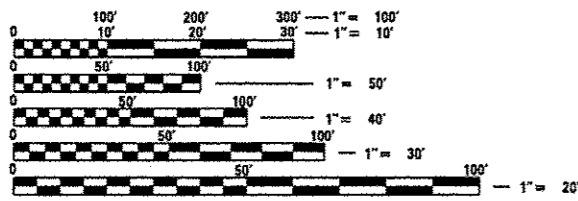
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Dec. 13 2012
Paul [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 1 2013
John D. Baranzolle P.E. [Signature]
acting ENGINEER OF DESIGN AND ENVIRONMENT

Feb 1 2013
Omar Osman P.E. [Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT LOCATION
STA. 707 + 86.74



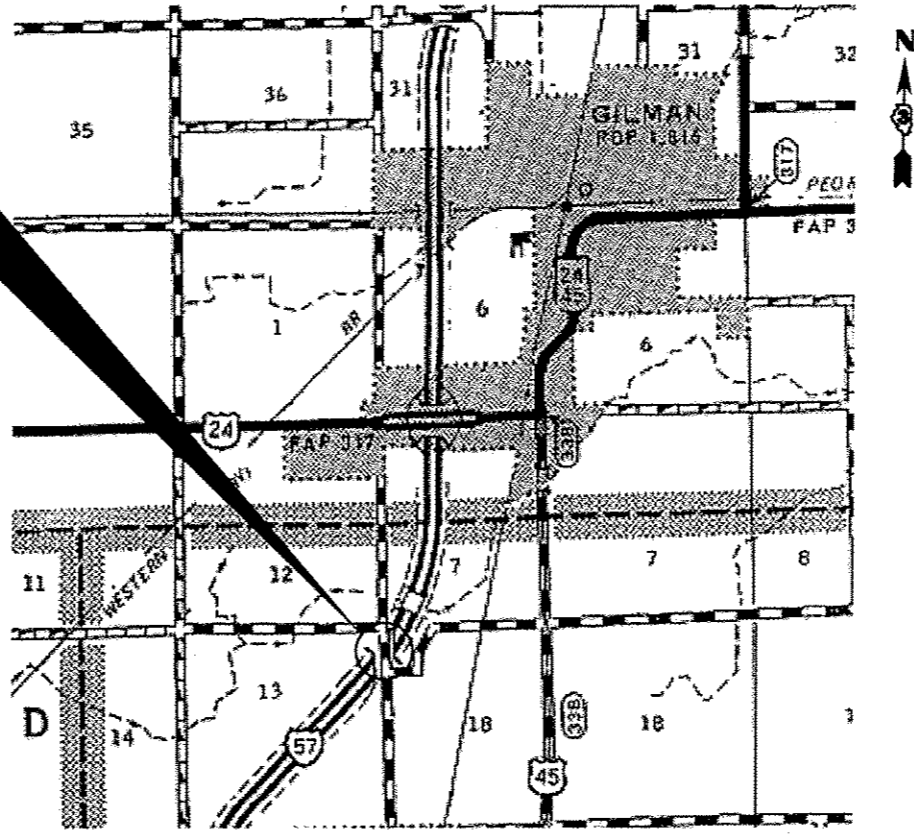
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

DISTRICT NO. 3 (815) 434-6131

PROJECT ENGINEER: JOE KANNEL P.E.
UNIT CHEF: RON WOODSHANK
TOWNSHIP: DOUGLAS

CONTRACT NO. 66C61



GROSS LENGTH = 344 FT. = 0.065 MILE
NET LENGTH = 344 FT. = 0.065 MILE

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO 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 FOR THE WORK.

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

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.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD 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.

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

IF THE CONTRACTOR/SUBCONTRACTOR LISCENSED TO DISPOSE OF LEAD PAINT RESIDUE FAILS TO DISPOSE OF PAINT RESIDUES ON OR BEFORE THE SPECIFIED COMPLETION DATE, LIQUIDATED DAMAGES SHALL BE CHARGED PER CALENDAR DAY ACCORDING TO ARTICLE 108.09 OF THE STANDARD SPECIFICATIONS UNTIL SUCH TIME THAT THE PAINT RESIDUES HAVE BEEN PROPERLY DISPOSED OF.

THE SSPC-OP1 AND SSPC-OP2 PAINTING CONTRACTOR CERTICATIONS WILL BE REQUIRED FOR THIS PROJECT.

STRUCTURE NO. 038-0129

ALL EXISTING STEEL, INCLUDING BEAMS, DIAPHRAGMS, ANGLES, BEARINGS (AND ALL COMPONENTS) ETC. 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/EU. THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE GREY, MUNSELL NO. 5B 7/1. THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANGE OF FASCIA BEAMS SHALL BE GREEN, MUNSELL NO. 7.5G 4/8.

COMMITMENTS

DATE: 12-13-12

PREPARED BY: *Don Bonil*
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: *Mark Jones*
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

Paul Hunter
DISTRICT OPERATIONS ENGINEER

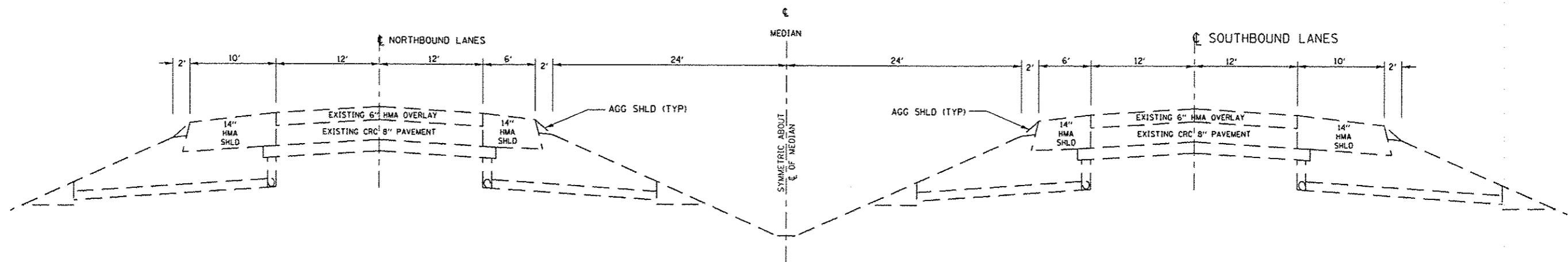
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	PLOT DATE = 12/12/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 66C61					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				STATE FUNDS 100% STATE STRUCTURE 0014 RURAL
50606701	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 1	L SUM	1	1
67100100	MOBILIZATION	L SUM	1	1
70400100	TEMPORARY CONCRETE BARRIER	FOOT	230	230
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	690	690
78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	395	395
78300100	PAVEMENT MARKING REMOVAL	SQ FT	198	198
X0325969	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE BOARD	CAL DA	15	15
X0326880	MESSAGE BOARD VEHICLE DRIVER	HOUR	180	180
X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1	1
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	1	1
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	3	3

* SPECIALITY ITEM

13

FILE NAME =	USER NAME = woodhankr1	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLT DATE = 11/15/2012	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	[ILLINOIS] FED. AID PROJECT	



TYPICAL SECTIONS

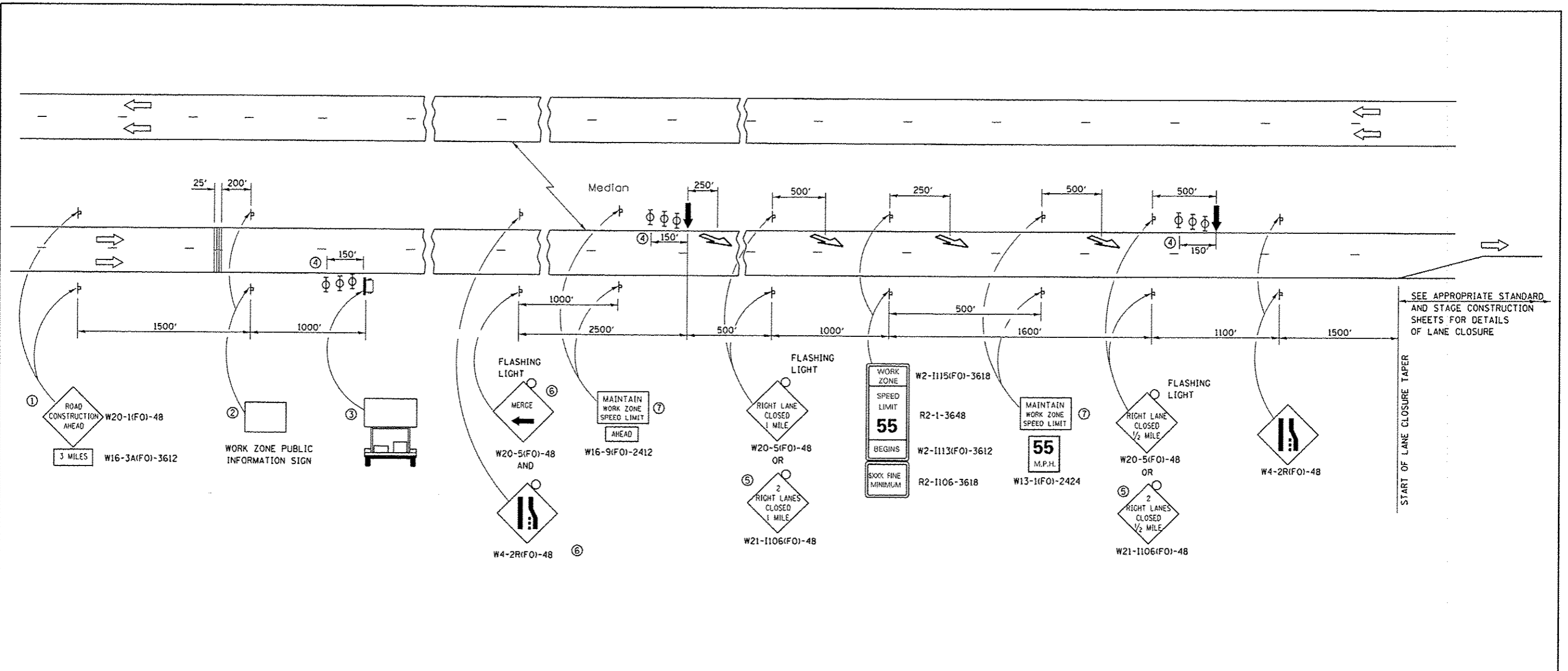
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	PLOT DATE = 11/15/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICALS SECTIONS

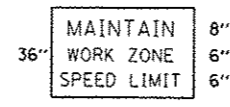
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-3)BP	IRROOUOIS	8	4
CONTRACT NO. 66C61				
ILLINOIS FED. AID PROJECT				



- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
"RIGHT LANE CLOSED" / " x MILES AHEAD"
"LEFT LANE CLOSED" / " x MILES AHEAD"
"ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 50' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.

⑦ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.
48"



- ↑ ARROW BOARD
- PORTABLE CHANGEABLE MESSAGE SIGN
- ⊥ SIGN
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- ↘ LANE DROP ARROW - SEE STANDARD 780001
- ▨ TEMPORARY THERMOPLASTIC RUMBLE STRIPS

GENERAL NOTE:

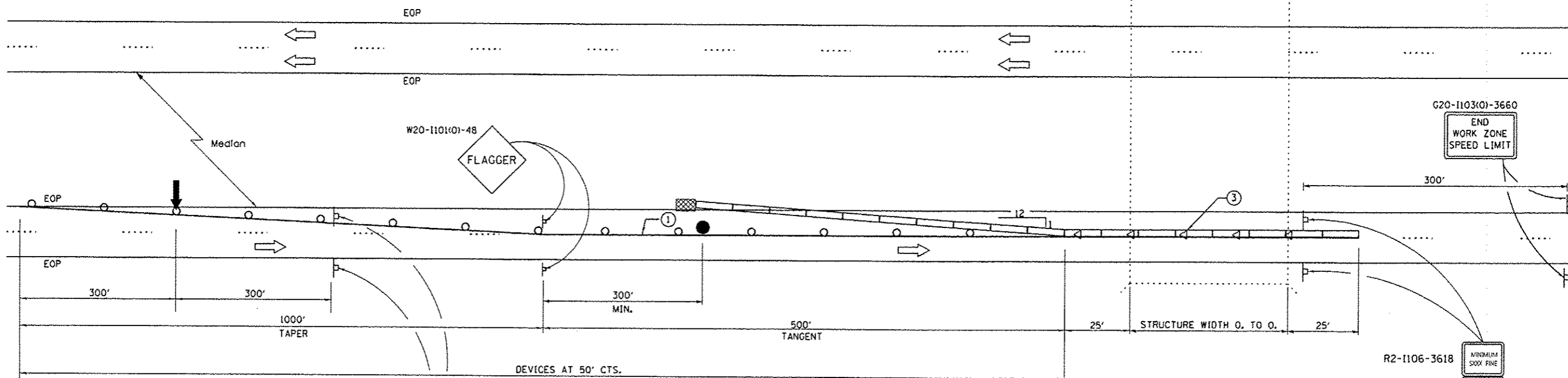
THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

FILE NAME *	USER NAME *	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701400 (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE * 11/15/2012	DATE -	REVISED -			SCALE: SHEET 1 OF 1 SHEETS STA. TO STA. [ILLINOIS] FED. AID PROJECT					



PLAN

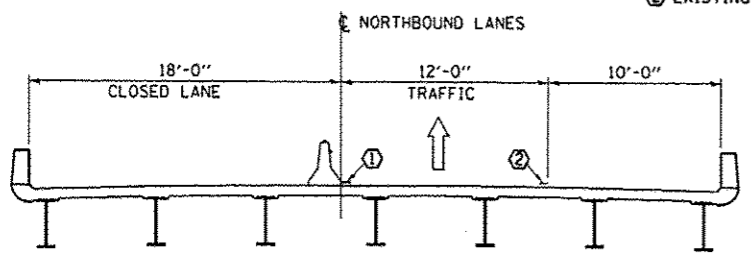
SYMBOLS

- ↑ ARROW BOARD
- ▨ WORK AREA
- ⊥ SIGN
- TRAFFIC CONTROL DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLAGGER
- ▬ TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- ▩ IMPACT ATTENUATOR

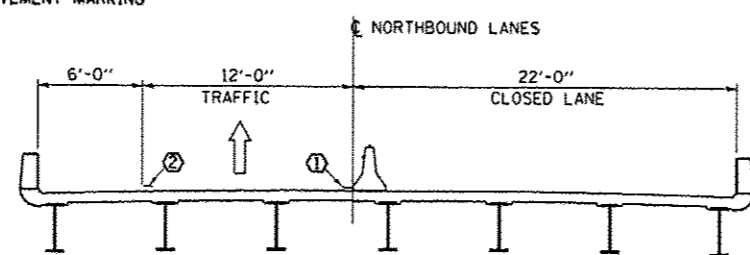
- R2-1106-3618 MINIMUM 500X FINE
- W2-1113(O)-3612 BEGINS
- R2-1-3648 45 SPEED LIMIT
- W2-1115(O)-3618 WORK ZONE

- G20-1103(O)-3660 END WORK ZONE SPEED LIMIT
- R2-1106-3618 MINIMUM 500X FINE
- W2-1113(O)-3612 BEGINS
- R2-1-3648 55 SPEED LIMIT
- W2-1115(O)-3618 WORK ZONE

- ① TEMPORARY PAVEMENT MARKING
- ② EXISTING PAVEMENT MARKING



LEFT LANE CLOSURE
LOOKING IN DIRECTION OF TRAFFIC



RIGHT LANE CLOSURE
LOOKING IN DIRECTION OF TRAFFIC

NOTE: TRAFFIC CONTROL AND PROTECTION FOR TWO-LANE ROADS SHALL BE ACCORDING TO STANDARD 701201.

GENERAL NOTES

THIS STANDARD IS USED WHERE AT ANY TIME ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES WILL ENCROACH ON THE PAVEMENT OR ON THE SHOULDER WITHIN 24 INCHES OF THE EDGE OF PAVEMENT FOR DAYLIGHT OPERATION EXCEEDING ONE DAY AND WHERE TEMPORARY CONCRETE BARRIER IS UTILIZED.

THIS STANDARD MUST BE USED IN COMBINATION WITH STANDARD 701400 (SPECIAL).

WHEN WORK IS BEING PERFORMED IN THE LEFT LANE, THE SET UP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.

FLAGGER, FLAGGER SIGNS AND SPEED LIMIT SIGNS SHALL BE REQUIRED WHENEVER TEMPORARY CONCRETE BARRIER IS NOT IN PLACE. WHEN TEMPORARY CONCRETE BARRIER IS IN PLACE, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED AND THE FLAGGER NOT REQUIRED.

TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

- ① TEMPORARY PAVEMENT MARKING TAPE ① OR EXISTING PAVEMENT MARKING ② SHALL BE PLACED THROUGHOUT THE TAPER AND ALONGSIDE THE WORK AREA, THE RIGHT EDGE LINE SHALL BE WHITE AND THE LEFT EDGE LINE SHALL BE YELLOW.
- ③ BARRIER WALL/GUARDRAIL MARKERS AT 25'. MARKERS ON RIGHT SHALL BE CRYSTAL AND MARKERS ON LEFT SHALL BE AMBER. COST INCLUDED WITH TEMPORARY CONCRETE BARRIER.

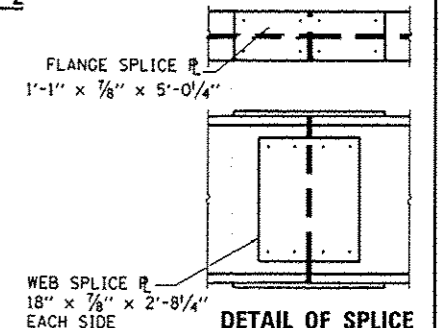
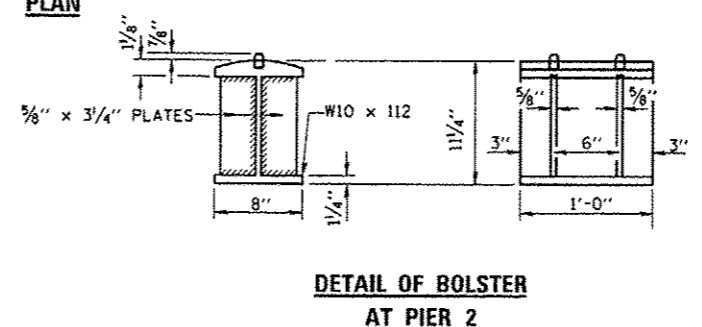
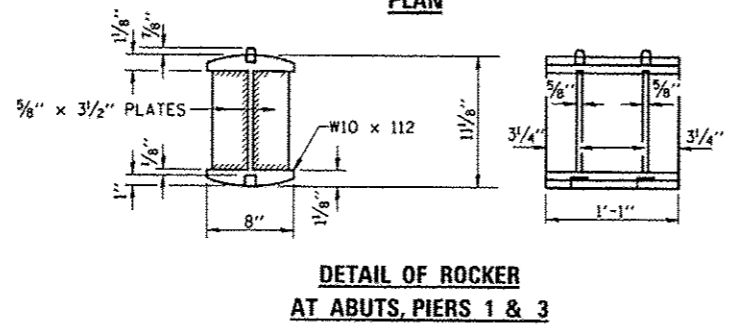
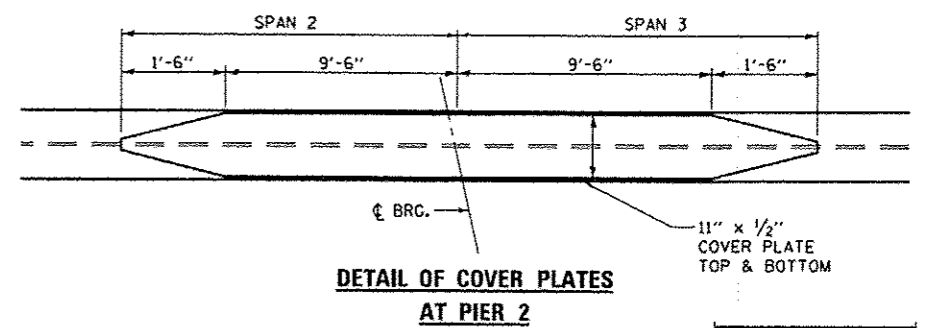
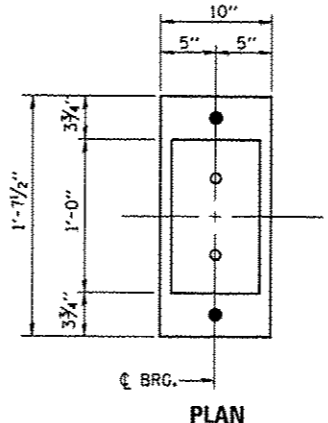
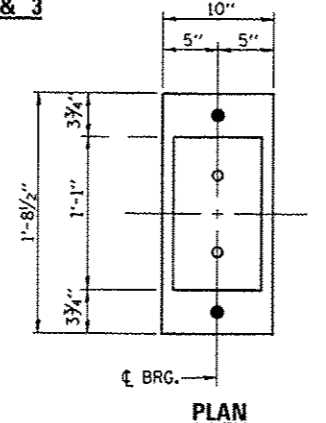
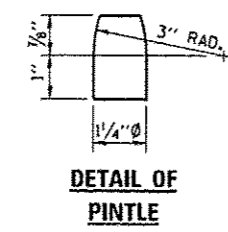
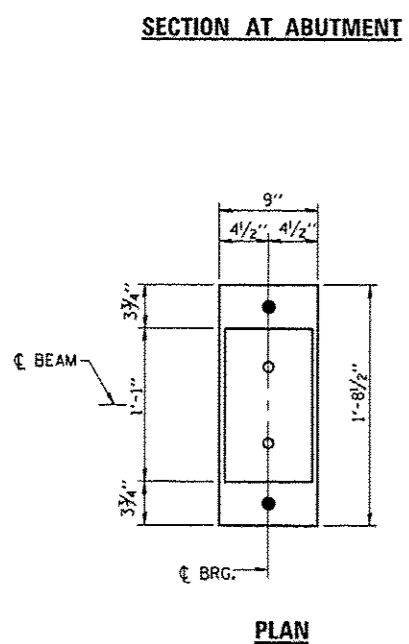
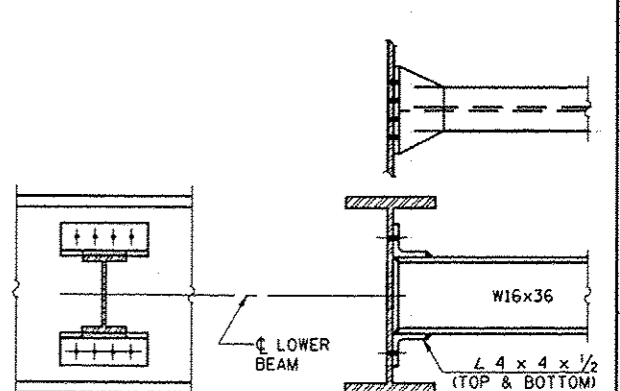
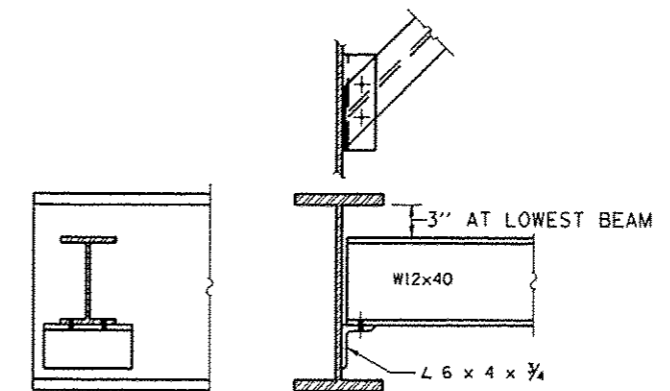
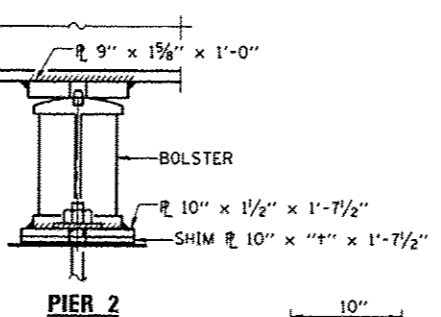
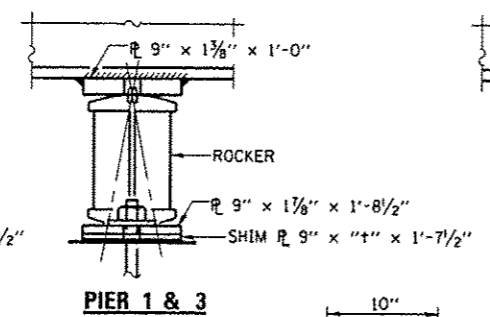
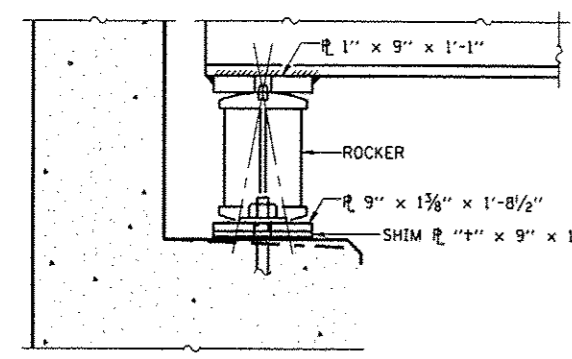
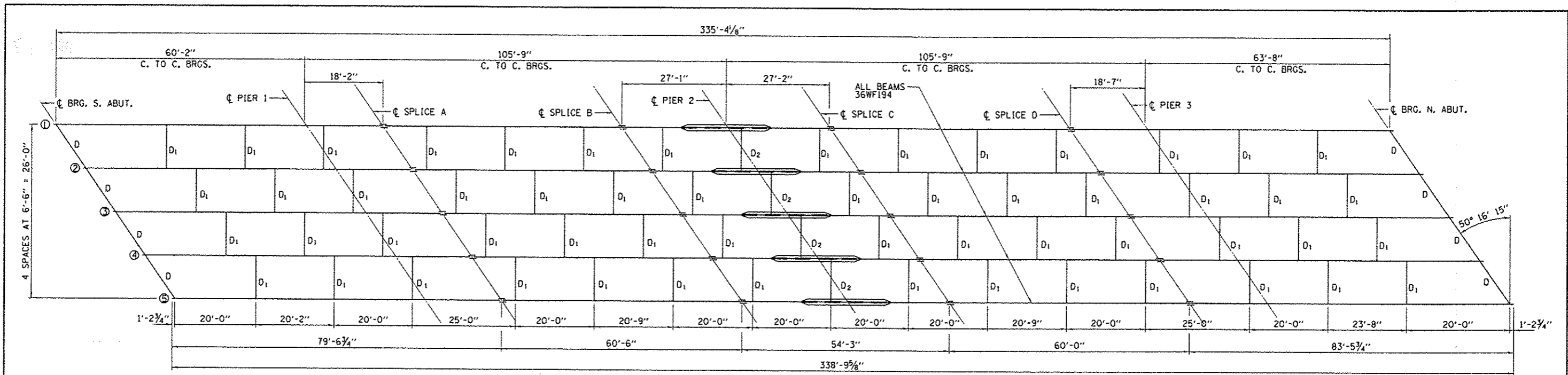
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	PLOT DATE = 11/15/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION
STANDARD 701402 (SPECIAL)

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

F.A.I. RTE. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5HB-3)BP	IRROUOIS	8	6
CONTRACT NO. 66C61				
[ILLINOIS] FED. AID PROJECT				



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PLOT SCALE: 1/8" = 1'-0"	PLOT DATE: 11/15/2012	DRAWN: RW	REVISED:			57	(38-5HB-3BP)	ILLINOIS	8	8	
CHECKED:	DATE:	REVISED:	REVISED:			CONTRACT NO. 66C61	ILLINOIS FED. AID PROJECT				
SCALE:	SHEET 1 OF 1 SHEETS	STA. 28+0.05 TO STA. 31+47.63									