

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35	(38-2HB)BP	IROQUOIS	10	1
		ILLINOIS	CONTRACT NO. 66F78	

**INDEX OF SHEETS**

1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTIONS
5. TRAFFIC CONTROL AND PROTECTION, STANDARD 701400 (SPECIAL)
6. TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)
7. TYPICAL PAVEMENT MARKINGS
- 8-10. EXISTING STRUCTURE PLANS FOR SN 038-0127, (FOR INFORMATION ONLY)

**STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701901-06 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER

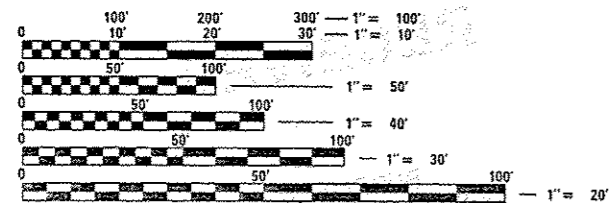
# PROPOSED HIGHWAY PLANS

**TR 35 (3000N RD)  
SECTION (38-2HB)BP  
BRIDGE PAINTING  
IROQUOIS COUNTY**

C-93-004-17



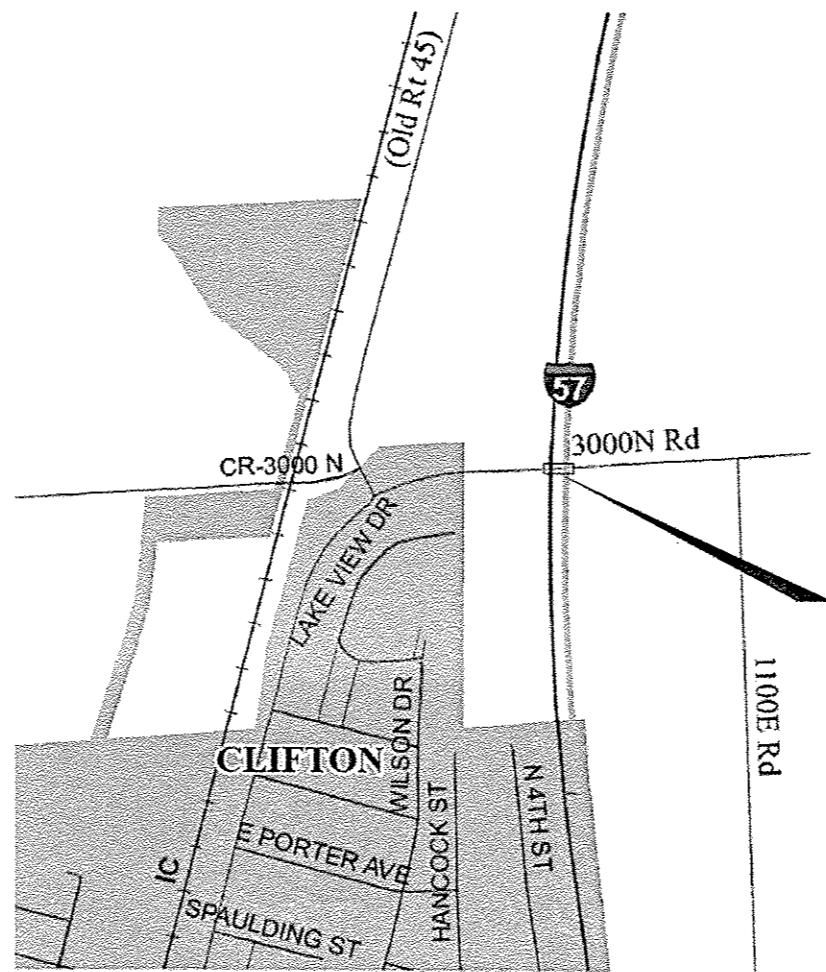
RURAL - INTERSTATE		RURAL - LOCAL ROAD	
IL-57 ADT YR 2015		TR 35 ADT YR 2013	
ADT	15900	ADT	350
P.V	64%	P.V	100%
S.U	7%	S.U	0%
M.U	29%	M.U	0%



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 3 NO. (815) 434-6131  
PROJECT ENGINEER: JOE KANNEL, P.E.  
UNIT CHIEF: RON WOODSHANK  
CONTRACT NO. 66F78



**PROJECT LOCATION**  
SN. 038-0127  
TR 35 OVER I 57  
4.27 MILES SOUTH  
OF CHEBANSE INTERCHANGE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 2-9-2017  
[Signature]  
REGIONAL ENGINEER

Mar 24 2017  
Muhammad M. Addis, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 2017  
[Signature]  
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

1. 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 WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
2. STRUCTURE NO. 038-0127 SHALL BE DESIGNATED AS "LOCATION 1".
3. THE SSPC-QP1 AND SSPC-QP2 "PAINTING CONTRACTOR CERTIFICATIONS" WILL BE REQUIRED FOR THIS PROJECT.
4. A MINIMUM OF TWO AIR MONITORS SHALL BE REQUIRED FOR EACH STRUCTURE. THE CONTRACTOR SHALL FURNISH AND INSTALL THE MONITORS AS SHOWN ON PLAN DETAILS. (SEE THE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES".)
5. CLEANING AND PAINTING OF EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES" AND AS SPECIFIED BELOW.
  - a) ALL EXISTING STRUCTURAL STEEL, (INCLUDING BEAMS, DIPHRAGMS, CROSS/LATERAL FRAMING WHEN PRESENT, BEARING ASSEMBLIES AND ALL OTHER ASSOCIATED STEEL COMPONENTS SHALL BE CLEANED PER THE REQUIREMENTS OF "NEAR WHITE BLAST CLEANING - SSPC-SP-10.
  - b) ALL EXISTING STRUCTURAL STEEL, (INCLUDING BEAMS, DIPHRAGMS, CROSS/LATERAL FRAMING WHEN PRESENT, BEARING ASSEMBLIES AND ALL OTHER ASSOCIATED STEEL COMPONENTS SHALL BE PAINTED PER THE REQUIREMENTS OF "PAINT SYSTEM 1 - OZ/EU".
    - 1) THE FINAL FINISH COAT FOR ALL INTERIOR STRUCTURAL STEEL SHALL BE "GRAY, MUNSELL NO. 5B 7/1".
    - 2) FINISH COAT FOR EXTERIOR FACE, BOTTOM FLANGE AND BEARING ASSEMBLIES OF THE FASCIA BEAMS SHALL BE "GREEN, MUNSELL NO. 7.5G 1/2.
6. 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.
7. WORKING DAYS SHALL BE CHARGED UNTIL THE CONTRACTOR/SUBCONTRACTOR LISCENSED TO DISPOSE OF LEAD PAINT RESIDUES HAS REMOVED THE WASTE MATERIAL FROM THE JOB SITE ACCORDING TO ALL FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES, IF THE LISCENSED CONTRACTOR OR SUBCONTRACTOR FAILS TO DISPOSE OF THE LEAD PAINT RESIDUES ON OR BEFORE THE SPECIFIED COMPLETION DATE, LIQUIDATED DAMAGES SHALL BE CHARGED PER CALENDAR DAY ACCORDING TO ARTICLE 109.09 OF THE STANDARD SPECIFICATIONS UNTIL SUCH TIME THAT ALL PAINT RESIDUE MATERIALS HAVE BEEN PROPERLY REMOVED AND DISPOSED OF.

**COMMITMENTS**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

START & END DATES  
OF CONSTRUCTION:

INSPECTORS:

DATE: 2-9-17

PREPARED BY: Tom Brown  
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: Joe Wick  
DISTRICT CONSTRUCTION ENGINEER  
Shy L. Phillips  
DISTRICT MATERIALS ENGINEER  
Tom H. [Signature]  
DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A. TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	woodshankr1	AJE	_____			35	(38-2HB)BP	IRROUOIS	10	2	
		DRAWN :	REVISED :			SCALE: _____	SHEET 1	OF 1	SHEETS	STA. _____	TO STA. _____
		CHECKED :	REVISED :			ILLINOIS FED. AID PROJECT					
		DATE :	REVISED :								

REV

RURAL

CONSTR. CODE
B. P. O.
100% STATE ✓
BRIDGE
0014 ✓
S. N. 038-0127

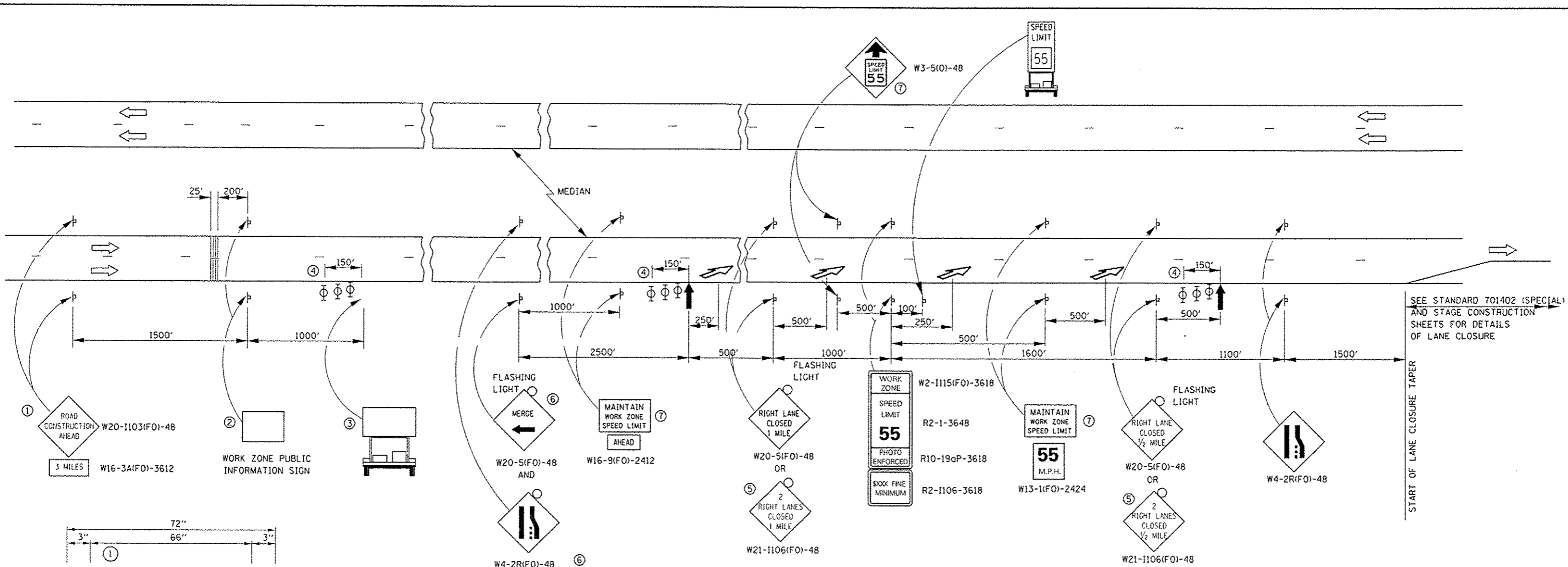
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
50606701	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 1	LSUM	1	1
67100100	MOBILIZATION	LSUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	3
70800105	TEMPORARY WATER FILLED BARRIER	FOOT	325	325
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	540	540
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	270	270
X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	LSUM	1	1
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	1	1
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	LSUM	1	1
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	21	21

12 \* SPECIALITY ITEMS

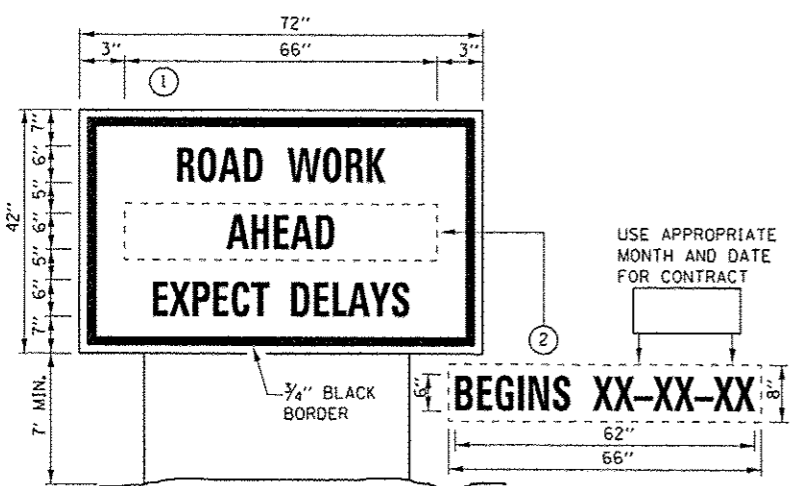
40112 010111  
 DISTRICT 3  
 DISTRICT 3 PROJECTS

REV





SEE STANDARD 701402 (SPECIAL) AND STAGE CONSTRUCTION SHEETS FOR DETAILS OF LANE CLOSURE

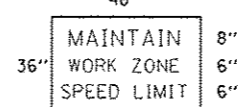


**TEMPORARY INFORMATION SIGNING**

- NOTES:**
- USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
  - ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
  - ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
  - REMOVE PANEL ② ON THAT DATE.
  - SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
  - WILL BE PAID FOR PER 50 FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 50 FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

- THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- 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"
- THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 50' CENTERS.
- THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

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



- ↑ 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 RUMBLE STRIPS
- SPEED LIMIT 45
- SPEED DISPLAY TRAILER

**GENERAL NOTE:**

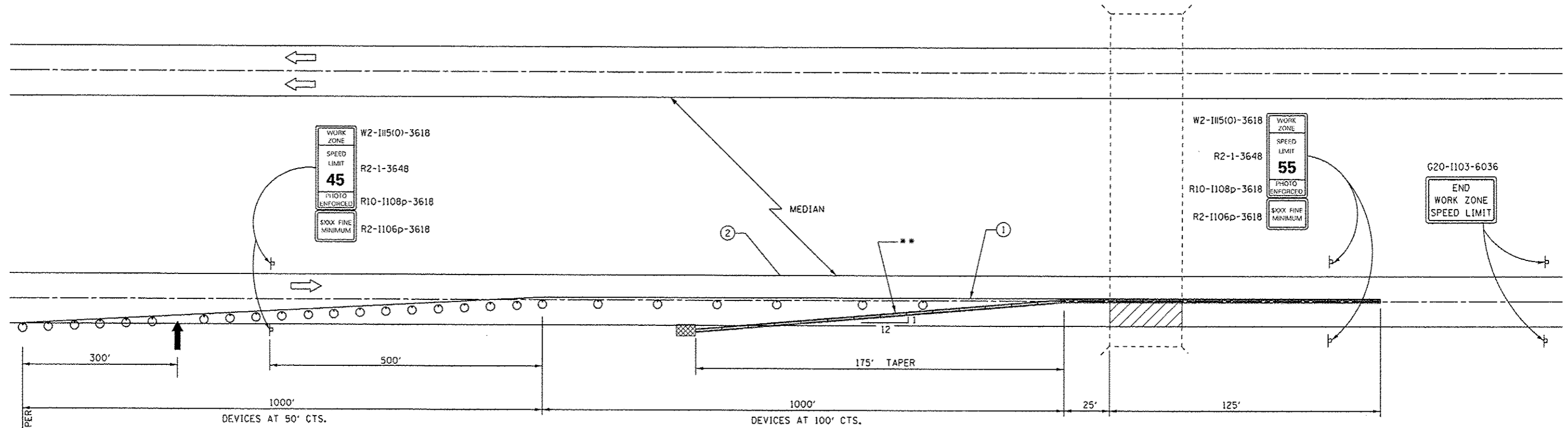
THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

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: p:\NLS\04E810\INTEG\Illinois.gov\PH001\Documents\1001\Offices\District 3\Projects\036\DRAWING\036678-details.dgn	USER NAME: woodshankr1	DESIGNED: AJE	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION STANDARD 701400 (SPECIAL)</b>	T.R. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
PLOT SCALE: 100.0000 / in.	CHECKED: RW	REVISIONS:	35			(38-2HB)BP	IRO00015	10	5	
PLOT DATE: 2/4/2017	DATE: 1-4-17	REVISIONS:	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.							
ILLINOIS FED. AID PROJECT										



**PLAN  
STAGE I**

\*\* TEMPORARY WATER-FILLED BARRIER  
 STAGE I: SHOWN ON PLAN DETAIL  
 STAGE II: RELOCATE TAPER SECTION ONLY  
 STAGE III: RELOCATE ENTIRE LENGTH OF BARRIER  
 STAGE IV: RELOCATE TAPER SECTION ONLY

**GENERAL NOTES**

THIS STANDARD IS USED WHERE AT ANY TIME ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES WILL ENCR OACH ON THE PAVEMENT OR ON THE SHOULDER WITHIN 24 (600) OF THE EDGE OF PAVEMENT FOR DAYLIGHT OPERATION EXCEEDING ONE DAY AND WHERE TEMPORARY CONCRETE BARRIER IS UTILIZED.

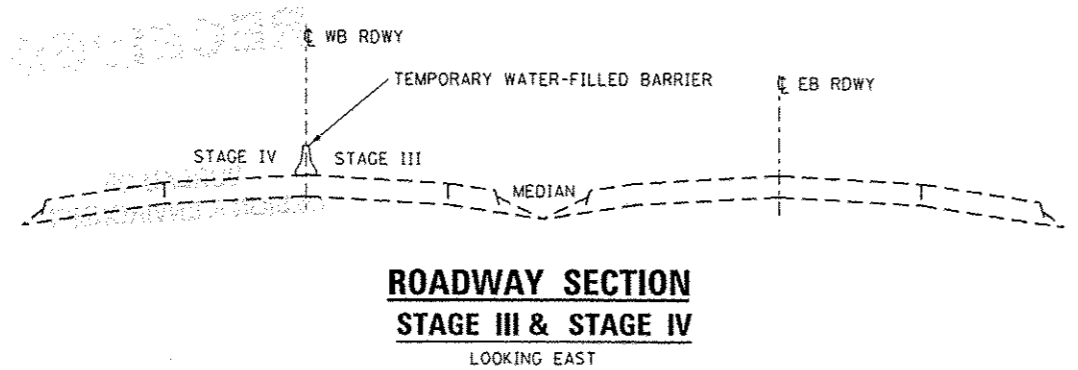
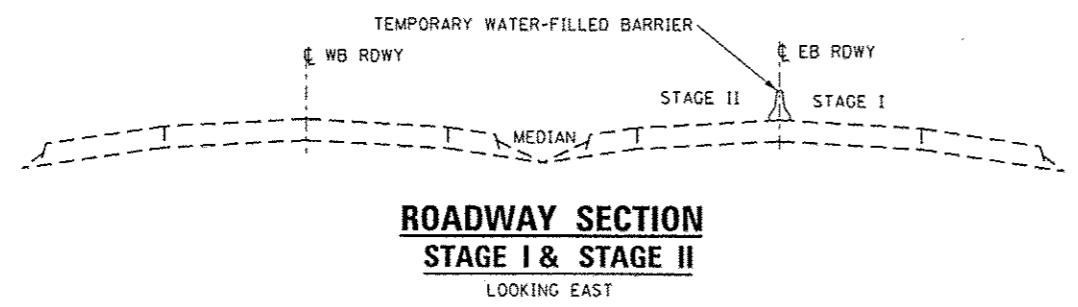
THIS STANDARD MUST ALWAYS BE USED IN COMBINATION WITH STANDARD 701400.

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

TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

- ① TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND ALONG-SIDE THE WORK AREA. THE RIGHT EDGE LINE SHALL BE WHITE AND THE LEFT EDGE LINE SHALL BE YELLOW.
- ② EXISTING PAVEMENT MARKING

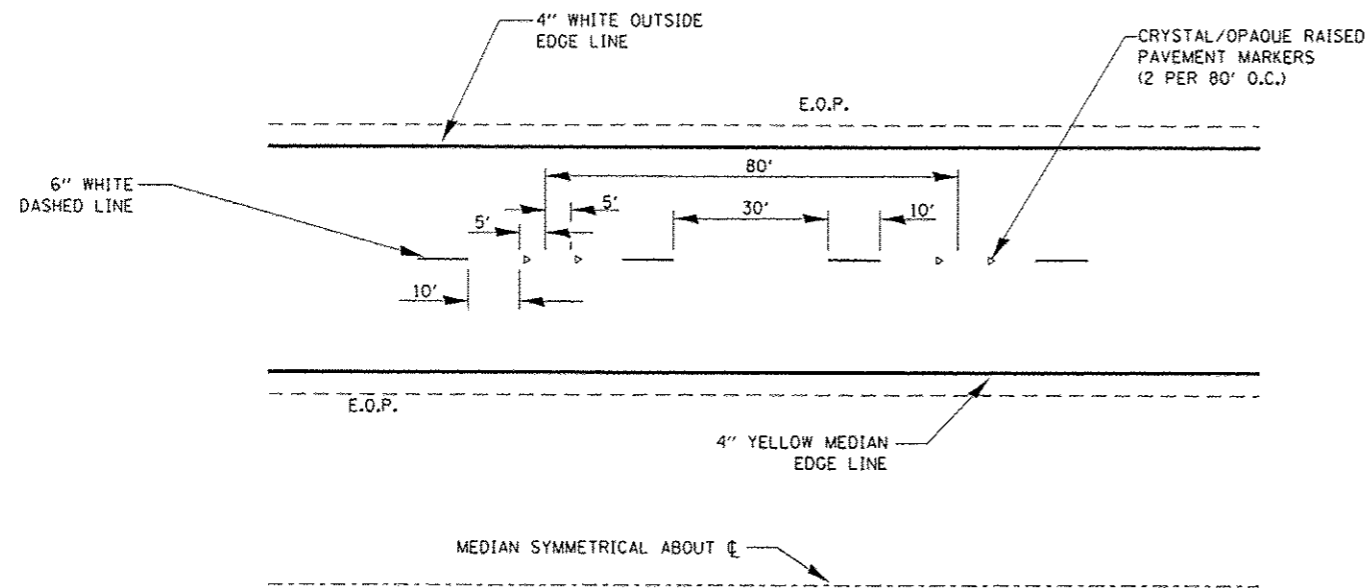
SEE STANDARD 701400 (SPECIAL) FOR APPROACH START OF LANE CLOSURE TAPER



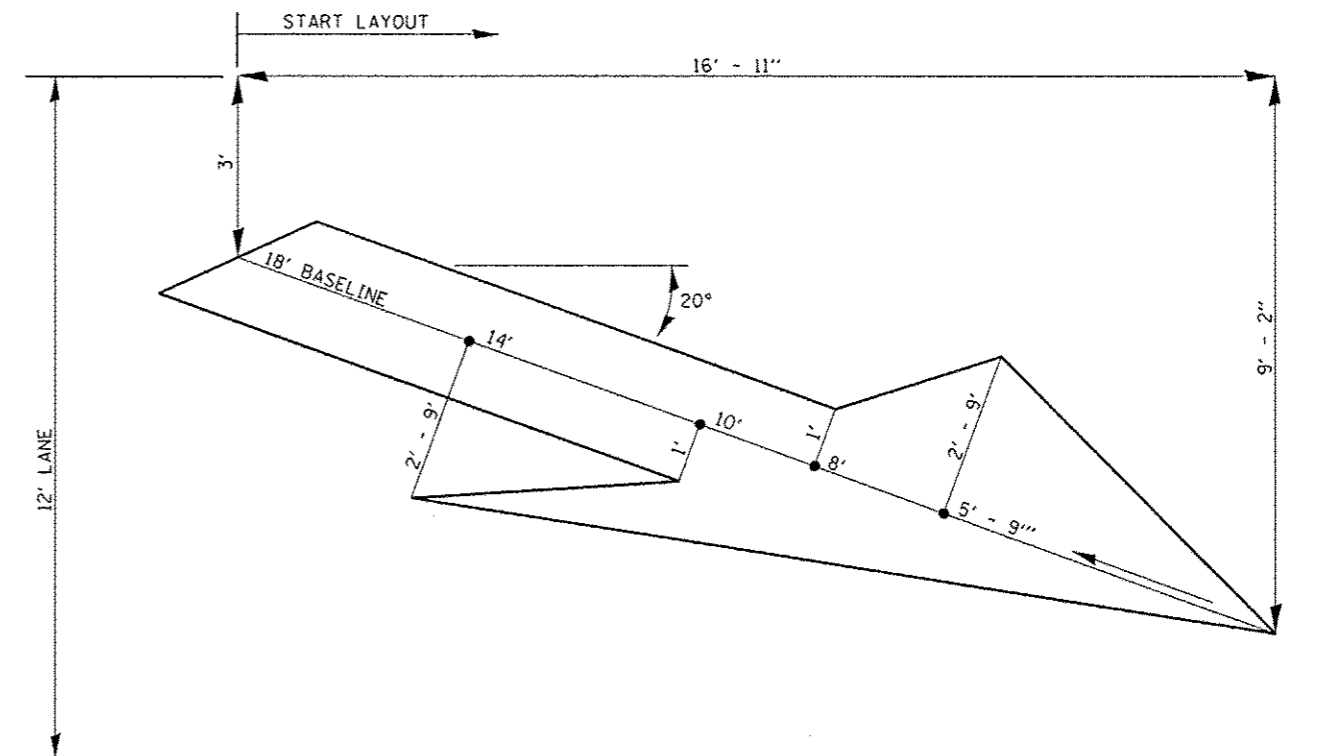
**SYMBOLS**

- ↑ ARROW BOARD
- ▨ WORK AREA
- ⊥ SIGN
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY WATER-FILLED BARRIER
- ▣ IMPACT ATTENUATOR

FILE NAME : p:\11084CB\BID\TEG.illinois.gov\FW1001\Documents\1001 Offices\District 3\Projects\0361\DRAWNData\11084CB78-details.dgn	USER NAME : woodshank1	DESIGNED - AJE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION STANDARD 701402 (SPECIAL)</b>	T.R. RTE. 35	SECTION 138-2HB18P	COUNTY IROQUOIS	TOTAL SHEETS 10	SHEET NO. 6		
PLOT SCALE = 1/8" = 100.0000' / 1"	CHECKED - RW	DATE 1-4-17	REVISED -			SCALE: _____	SHEET 1 OF 1 SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT			
PLOT DATE = 2/4/2017			REVISED -									
			REVISED -									



**TYPICAL PAVEMENT MARKINGS**

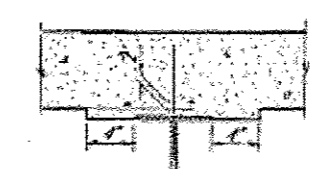
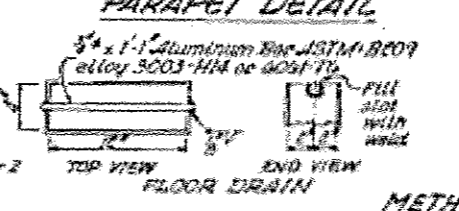
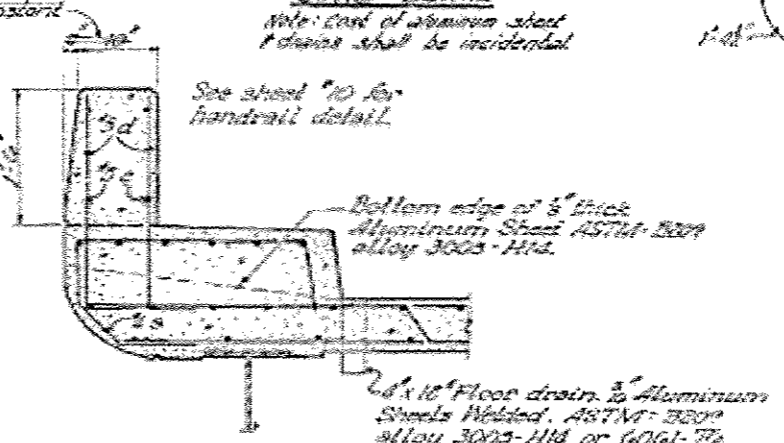
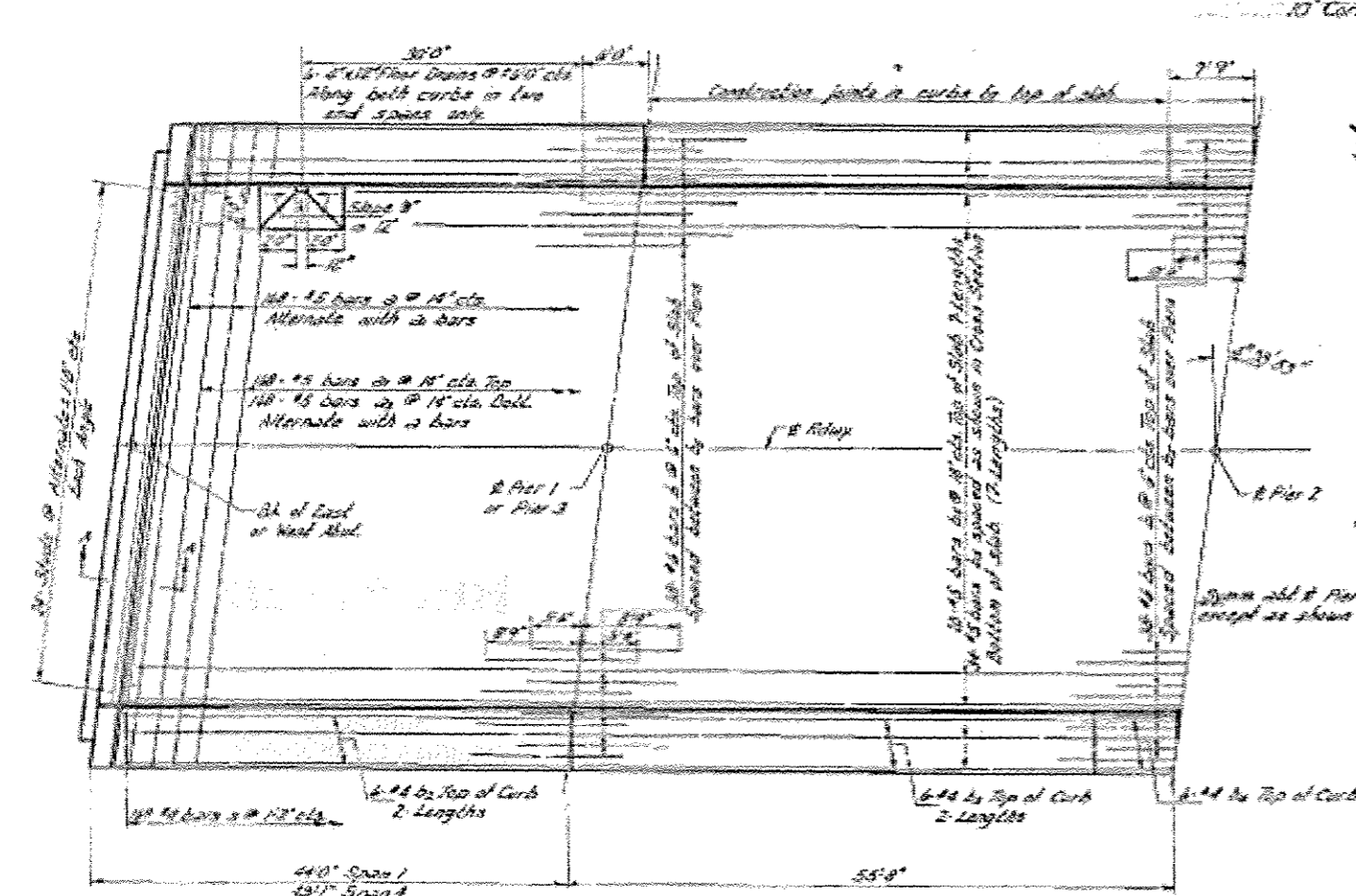
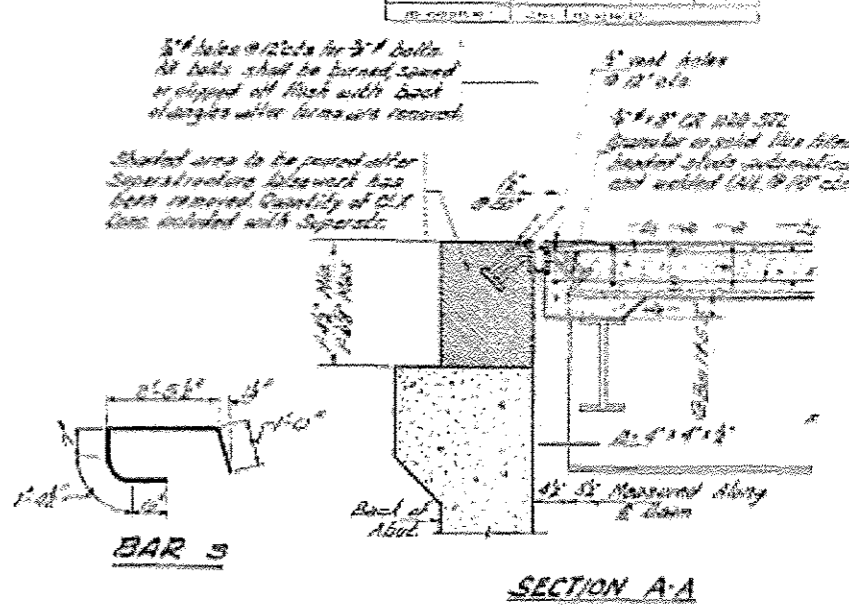
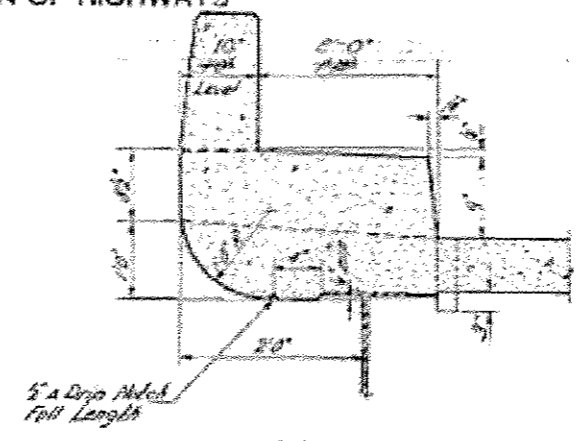
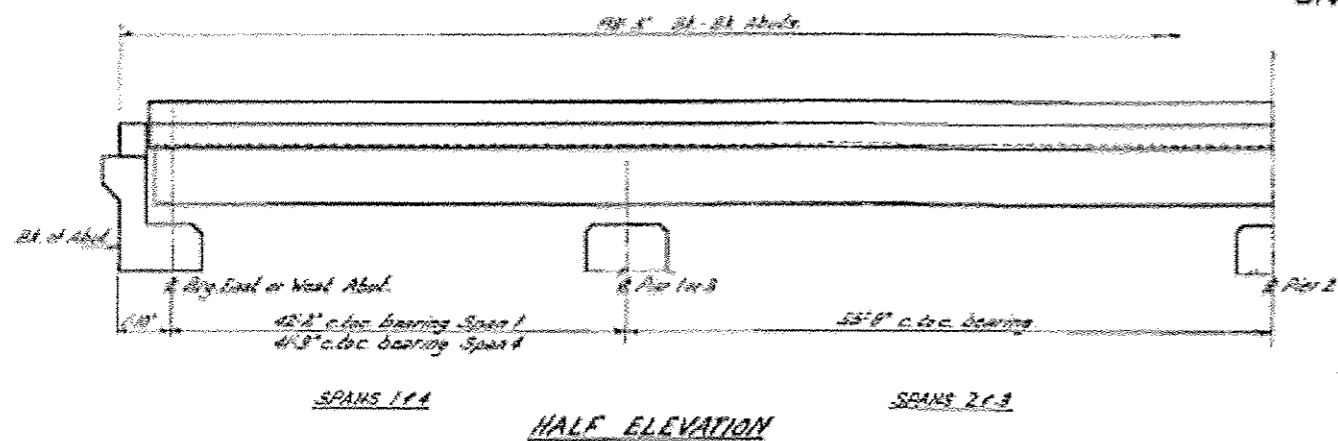


**LARGE MERGE ARROWS**  
**42 Sq. Ft.**

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT STRIPING</b>			T.R.	SECTION	COUNTY	TOTAL	SHEET
pw\11094EBID\INTEG\illinois.gov\PI\DOT\Do	woodshankri	-AJE	-					35	(38-2HB)BP	IROQUOIS	10	7
Documents\DOT Offices\District 3\Projects\036		DRAWN						CONTRACT NO. 66F78			ILLINOIS FED. AID PROJECT	
		CHECKED						SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____				
Defaults		DATE										



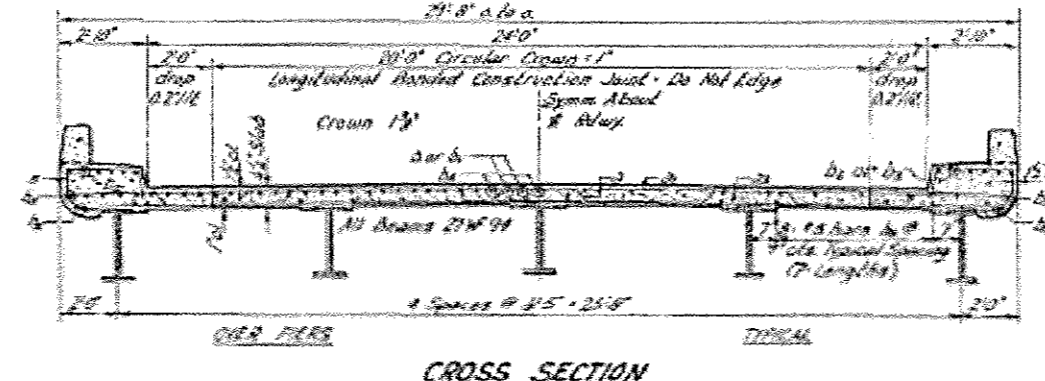




**BILL OF MATERIAL**

Item	Qty	Unit	Length	Shape
1	100	ft	20'0"	1/2"
2	100	ft	20'0"	1/2"
3	100	ft	20'0"	1/2"
4	75	ft	20'0"	1/2"
5	50	ft	20'0"	1/2"
6	60	ft	20'0"	1/2"
7	40	ft	20'0"	1/2"
8	20	ft	20'0"	1/2"
9	300	ft	20'0"	1/2"
10	300	ft	20'0"	1/2"

\* Weight of Bolters, Anchor Plates, Lead Plates and Anchor Bolts included as Structural Steel, Est. Wt. 4,800#  
 \* Weight of Expansion Guards included as Structural Steel, Est. Wt. 1,800#  
 Min. Lap #5 bars 11'



**SUPERSTRUCTURE**  
TR 35 OVER FA 157  
FA 1 RT 57 SEC 38-2HB  
IROQUOIS COUNTY  
STA 940+65.90

DESIGNED: *Pence*  
CHECKED: *K. Columbus*  
DATE: *Feb 3 11:20*

