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**STANDARDS**

- 701101-02 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
- 701901-01 TRAFFIC CONTROL DEVICES
- 704001-06 TEMPORARY CONCRETE BARRIER

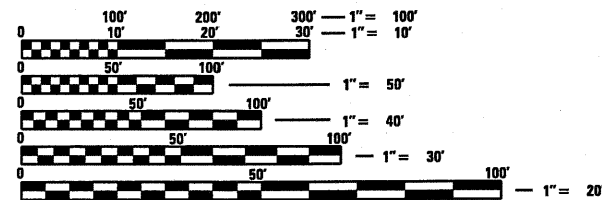
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

**PROPOSED**  
**HIGHWAY PLANS**

**FAS ROUTE 244 (BACKBONE ROAD)**  
**SECTION (06-4HB-1)BP**

**BRIDGE PAINTING**  
**BUREAU COUNTY**  
 C-93-128-10

**PROJECT LOCATION**  
 FAS ROUTE 244 (BACKBONE ROAD)  
 OVER FAI ROUTE 80 (I-80)  
 SECTION (06-4HB-1)BP  
 SN 006-0116  
 1.8 MILES WEST OF IL ROUTE 26

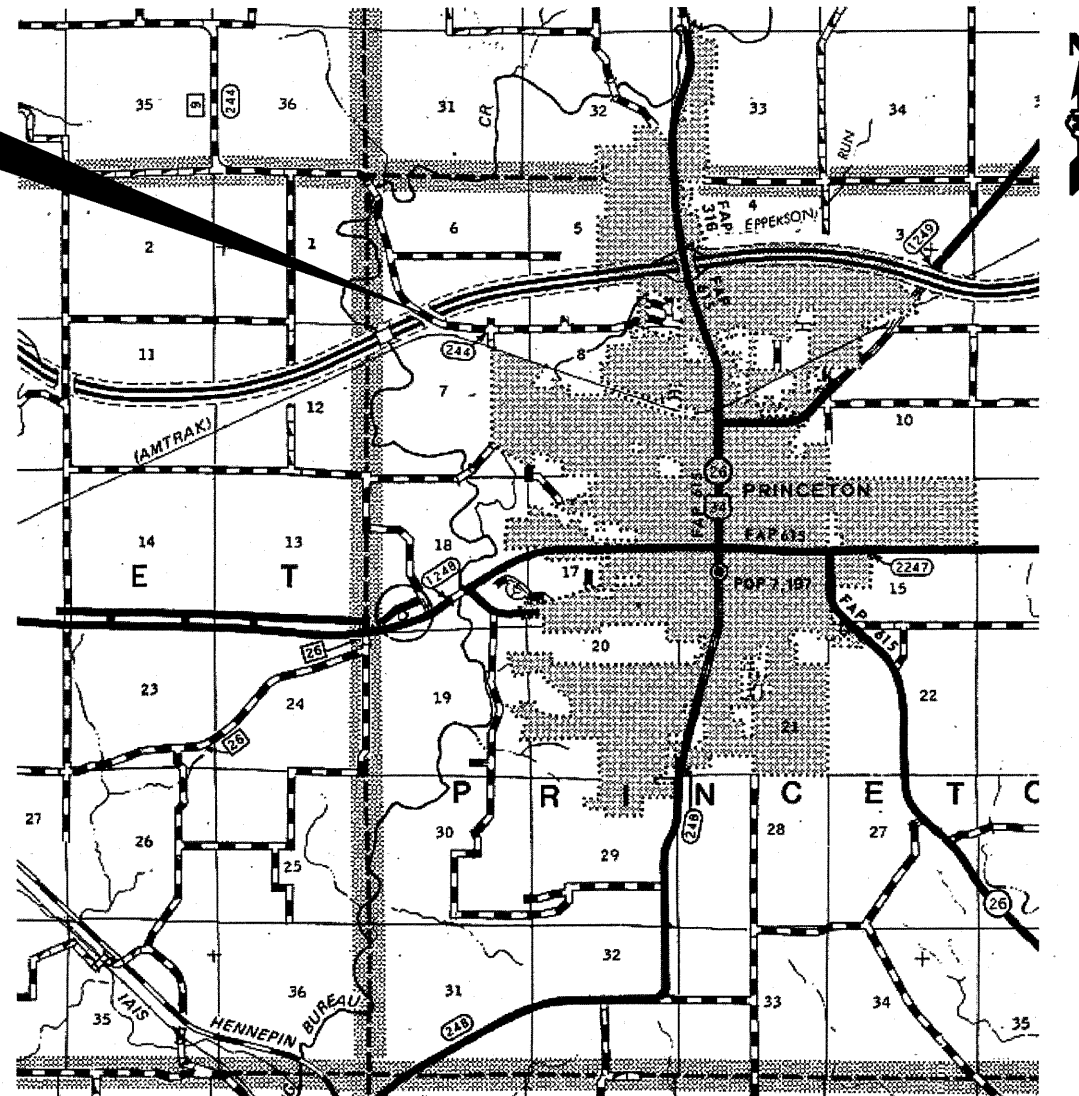


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER: JOE KANNEL**  
**UNIT CHIEF: RON WOODSHANK**  
**TOWNSHIPS: PRINCETON**

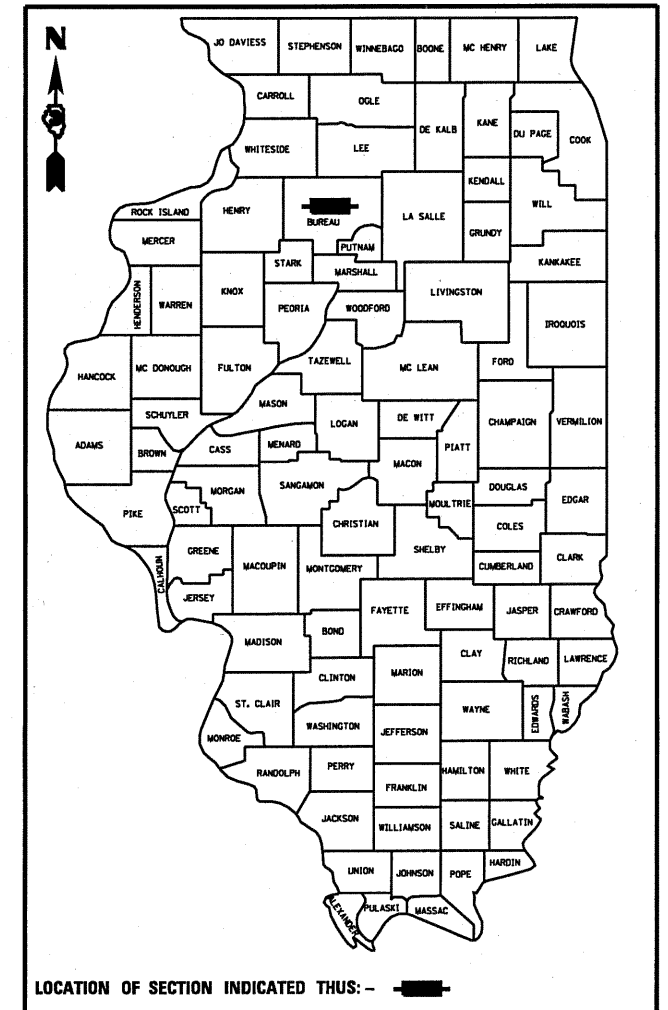
**CONTRACT NO. 66A41**



POINT LOCATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
244	(06-4HB-1)BP	BUREAU	10	1
ILLINOIS			CONTRACT NO. 66A41	

D-93-053-10



LOCATION OF SECTION INDICATED THIS: - [Symbol] -

**FUNCTIONAL CLASSIFICATION**  
 RURAL - INTERSTATE  
 FAI ROUTE 80 (I-80)  
 2009 ADT  
 P.V. 54.0% M.U. 42.00% S.U. 4.00%

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED 2/25 2010  
George Reyan  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 1 2010  
Scott E. Stitt P.E.  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

October 1 2010  
Christine M. Reed  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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**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.

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

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 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 LISCENSED 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 006-0116 CONTAINS LEAD THE CONTRACTOR SHOULD TAKE APPROPRIATE PRECAUTIONS TO DEAL WITH THE PRESENCE OF LEAD PAINT ON THIS PROJECT.

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

LOCATION 1: SN 006-0116  
CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL SURFACES OF THE BEAMS, DIAPHRAGMS, SCUPPERS, 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: 08/23/2000

PREPARED BY: Dave Brown  
Acting DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: Robert [Signature]  
DISTRICT CONSTRUCTION ENGINEER

[Signature]  
DISTRICT MATERIALS ENGINEER

Russell A. [Signature]  
DISTRICT OPERATIONS ENGINEER

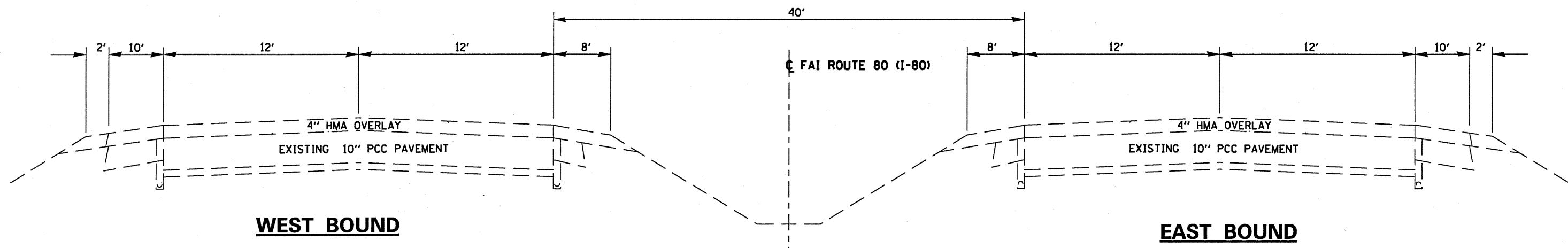
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c:\pvc_work\pvc\woodshankr1\d0189886\0366A41-details.dgn	DRAWN - RON WOODSHANK	REVISED - _____	244			106-4HB-1BP	BUREAU	10	2	
PLOT SCALE = 100.0000' / IN.	CHECKED - _____	REVISED - _____	CONTRACT NO. 66A41							
PLOT DATE = Aug 23, 2018 - 09:22:49 AM	DATE - _____	REVISED - _____	ILLINOIS							
				SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____				

## SUMMARY OF QUANTITIES

CONSTRUCTION CODE: 0014  
100% STATE

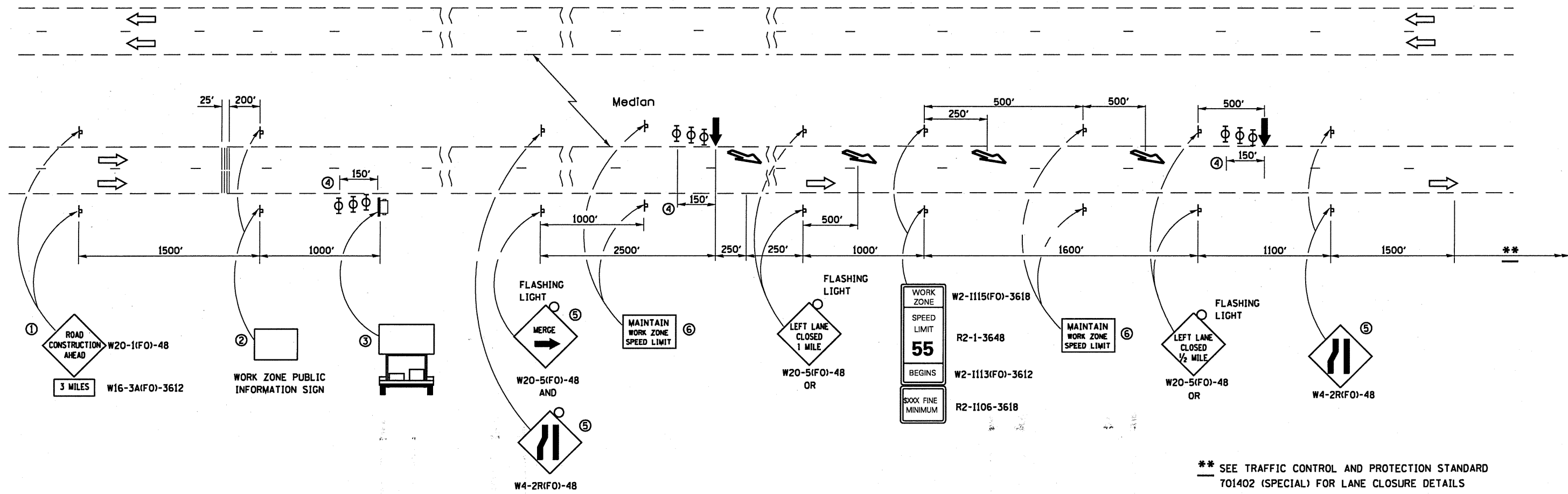
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70101605	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	1
70400100	TEMPORARY CONCRETE BARRIER	FOOT	280
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	840
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1680
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	250
78300100	PAVEMENT MARKING REMOVAL	SQ FT	680
X5067500	BRIDGE CLEANING AND PAINTING WARRANTY	L SUM	1
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	3

\* SPECIALITY ITEMS



**TYPICAL SECTION**

FILE NAME * c:\p\work\p\idot\woodshankr1\d0189885\366A41-detail1.dgn	USER NAME * woodshankr1	DESIGNED - RON WOODSHANK	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	F.A.S. RTE. 244	SECTION 106-4HB-18P	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Aug 23, 2010 - 08:23:13 AM	DATE - _____	REVISED - _____	SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	ILLINOIS		CONTRACT NO. 86A41		



**NORTHBOUND LANE SHOWN**  
 SOUTHBOUND LANE SIMILAR THRU 180°  
 ROTATION ABOUT CENTERLINE OF FAI 80

\*\* SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701402 (SPECIAL) FOR LANE CLOSURE DETAILS

- 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 WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.

**LEGEND**

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

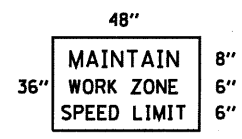
**GENERAL NOTES**

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

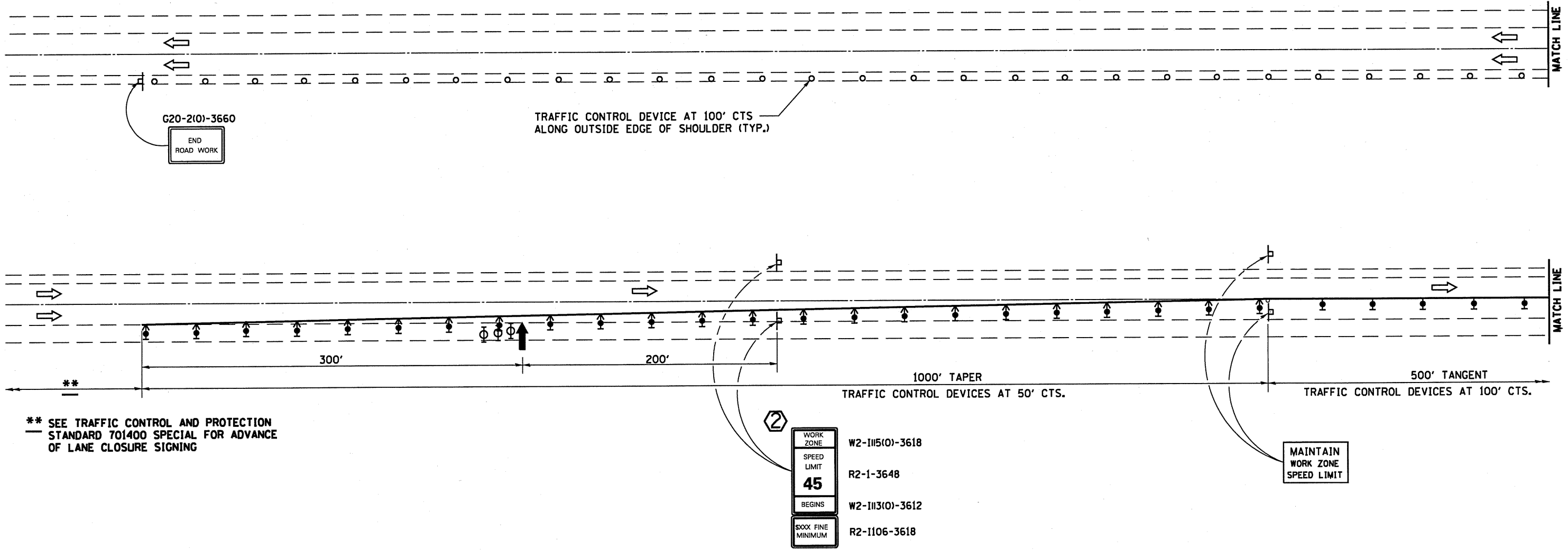
THIS DETAIL ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE. UNDER THESE CONDITIONS, THE SET-UP WOULD BE A MIRROR IMAGE OF WHAT IS SHOWN. WHEN THE RIGHT LANE IS CLOSED, RIGHT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE LEFT LANE CLOSED SIGNS.

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.



- ⑥ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.

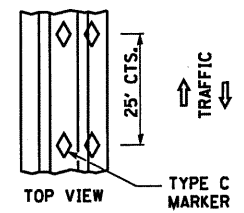
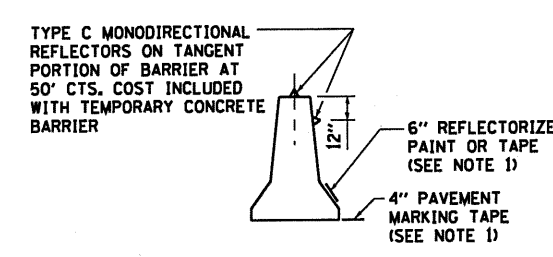
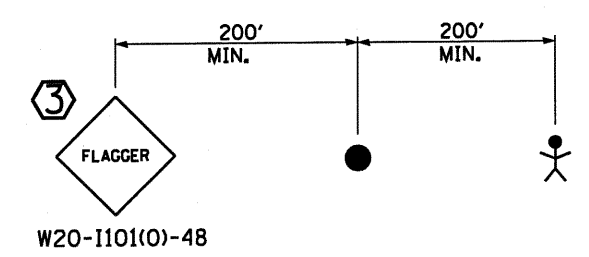
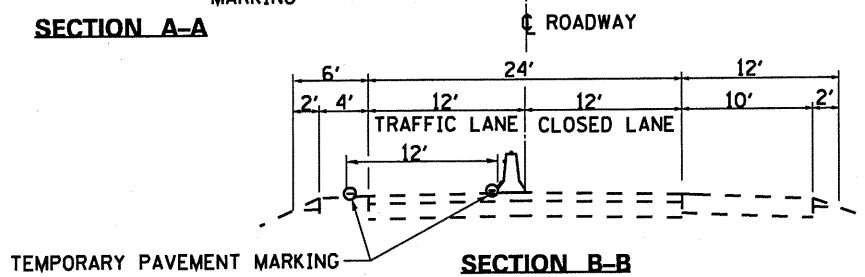
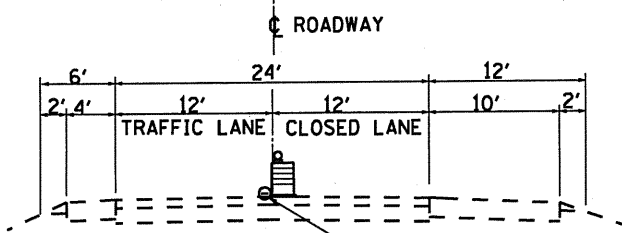
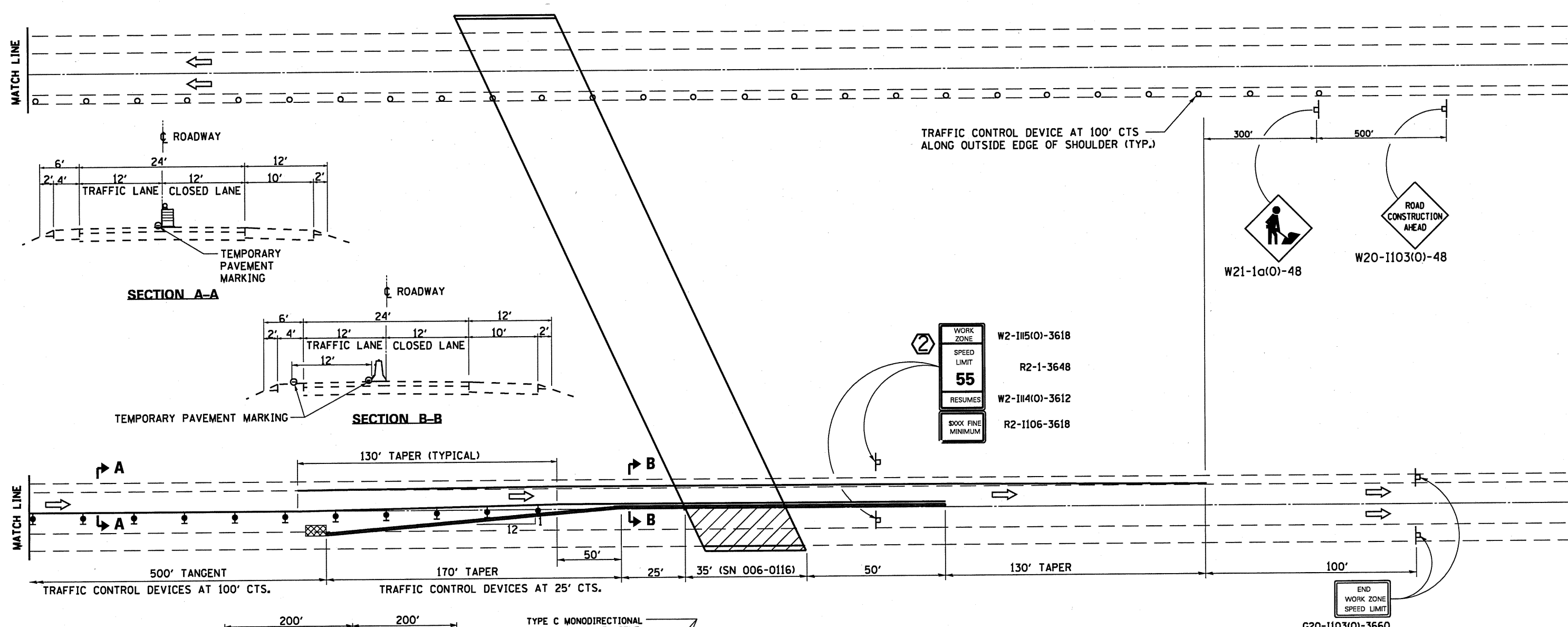


\*\* SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 SPECIAL FOR ADVANCE OF LANE CLOSURE SIGNING

**SYMBOLS**

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- WORKER
- FLAGGER
- MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER AT 25' CTS.
- IMPACT ATTENUATOR

FILE NAME *	USER NAME * woodshankr1	DESIGNED - RON WOODSHANK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION STANDARD 701402 (SPECIAL)</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwwork\pwwid\woodshankr1\d0189886\366A41-details.dgn	366A41-details.dgn	DRAWN - RON WOODSHANK	REVISED -			244	106-4HB-1)BP	BUREAU	10	6	
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PLOT DATE = Aug 23, 2010 - 08:23:43 AM	DATE -	REVIS	REVISED -			ILLINOIS					
					SCALE: _____		SHEET NO. 1 OF 2 SHEETS		STA. _____ TO STA. _____		



**SYMBOLS**

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

- FLAGGER**
- TEMPORARY CONCRETE BARRIER
- WORKER
- FLAGGER
- MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER AT 25' CTS.
- IMPACT ATTENUATOR

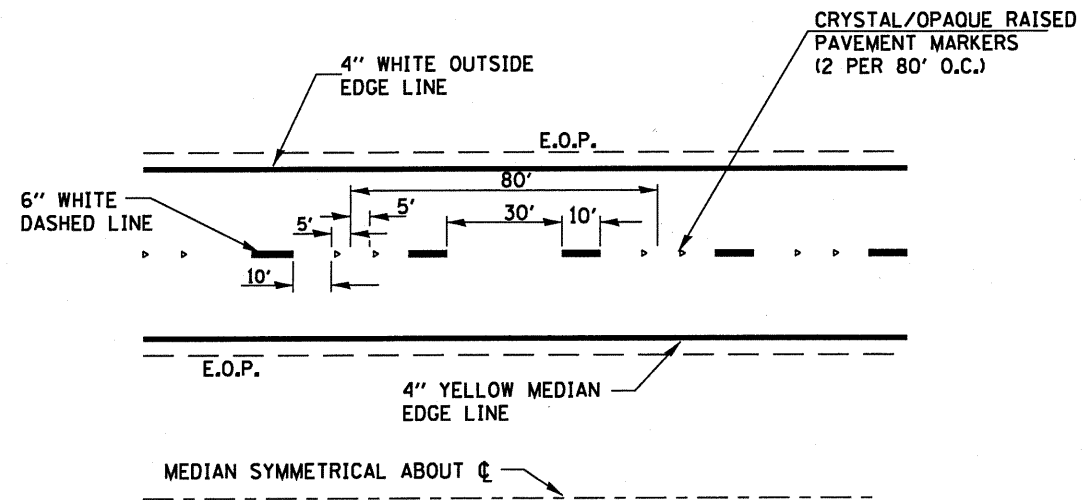
- 1 REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER(S) AND ALONGSIDE THE TANGENT SECTION(S) OF BARRIER. THE EDGE LINE SHALL BE WHITE FOR RIGHT LANE CLOSURE AND YELLOW FOR LEFT LANE CLOSURES. TEMPORARY PAVEMENT MARKING SHALL NOT BE PAID FOR ACCORDING TO ARTICLE 703.07 OF THE STANDARD SPECIFICATIONS.
- 2 WORK ZONE SPEED LIMIT SIGNS SHALL REMAIN IN PLACE AND UNCOVERED FOR THE DURATION OF THE PROJECT.
- 3 FLAGGER AND FLAGGER SIGNS SHALL BE REQUIRED WHENEVER VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE LANE ADJACENT TO THE SHOULDER WITHIN 24" OF THE EDGE OF PAVEMENT AND WHENEVER TEMPORARY CONCRETE BARRIER IS NOT IN PLACE. FLAGGER AND FLAGGER SIGNS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER.

**GENERAL NOTES**

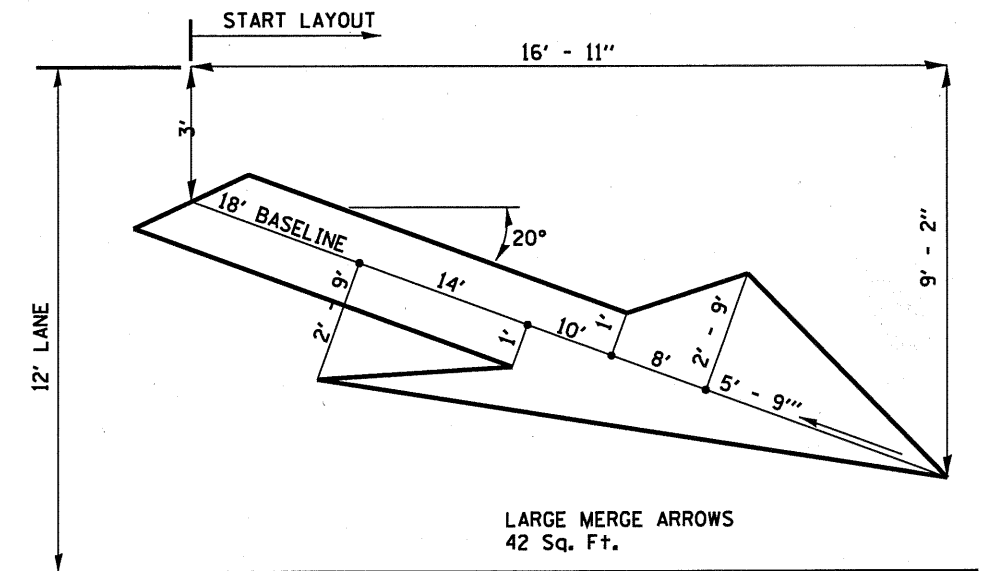
THIS DETAIL IS USED WHERE AT ANY TIME ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES WILL ENCROACH ON THE LANE ADJACENT TO THE SHOULDER, OR ON THE SHOULDER WITHIN 24" OF THE EDGE OF PAVEMENT WHEN EVER TEMPORARY CONCRETE BARRIER IS WARRANTED.

THIS DETAIL MUST ALWAYS BE USED IN COMBINATION WITH TRAFFIC CONTROL INTERSTATE - ADVANCE OF LANE CLOSURE.

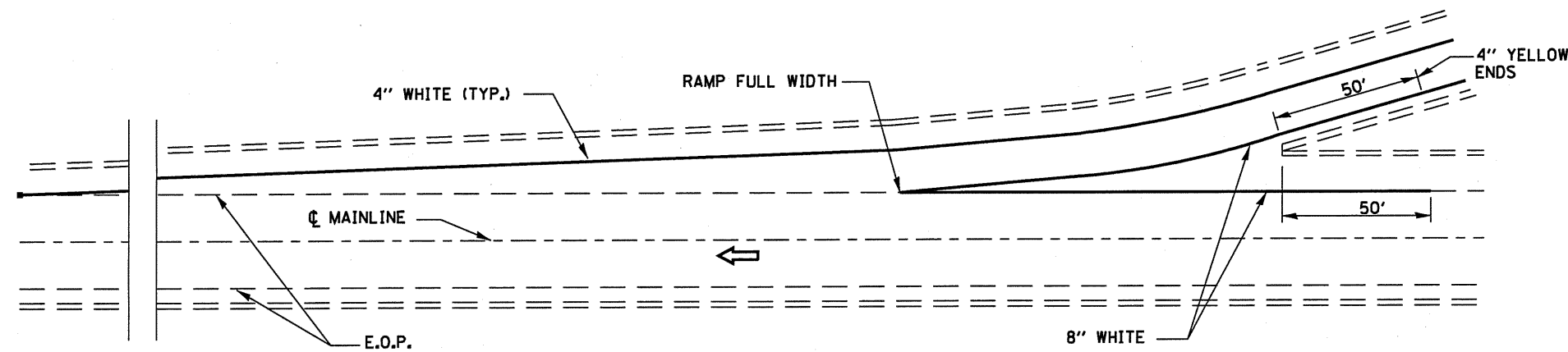
THIS DETAIL ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE LEFT LANE. UNDER THESE CONDITIONS, THE SET-UP WOULD BE A MIRROR IMAGE OF WHAT IS SHOWN.



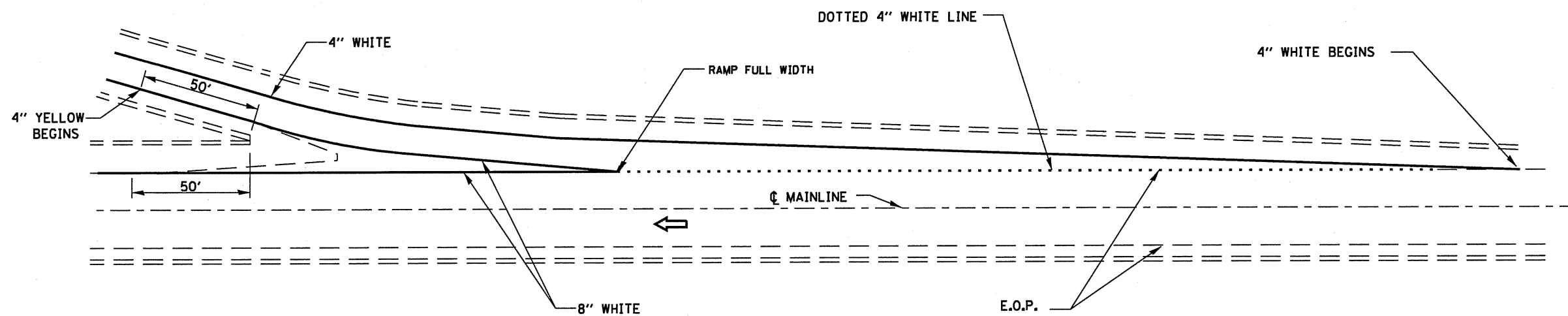
**TYPICAL PAVEMENT MARKINGS**



**LANE DROP ARROW**



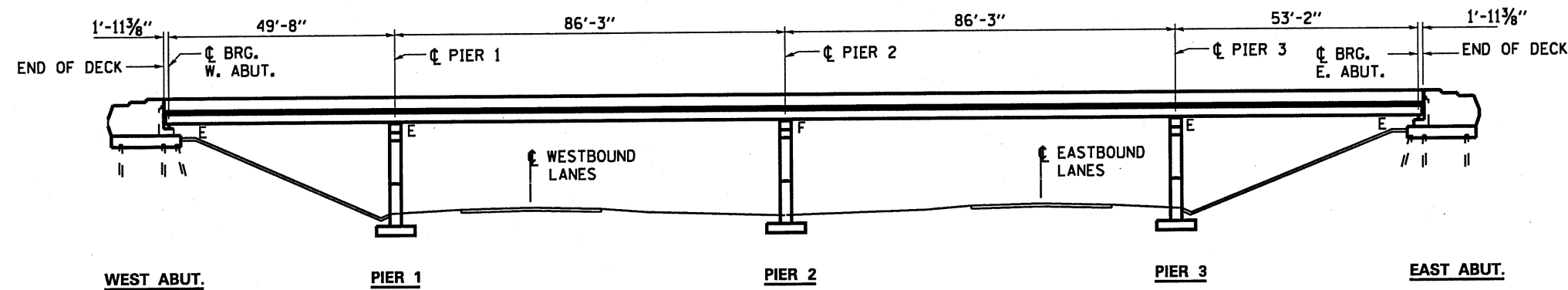
**TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS**



**TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS**

FILE NAME *	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKING	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwsdot\woodshankr1\d0189886\366A41-detail.dgn	366A41-detail.dgn	DRAWN - RON WOODSHANK	REVISED -			244	106-4HB-1BP	BUREAU	10	8
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 66A41				
PLOT DATE = Aug 23, 2010 - 08:24:05 AM		DATE -	REVISED -			ILLINOIS				

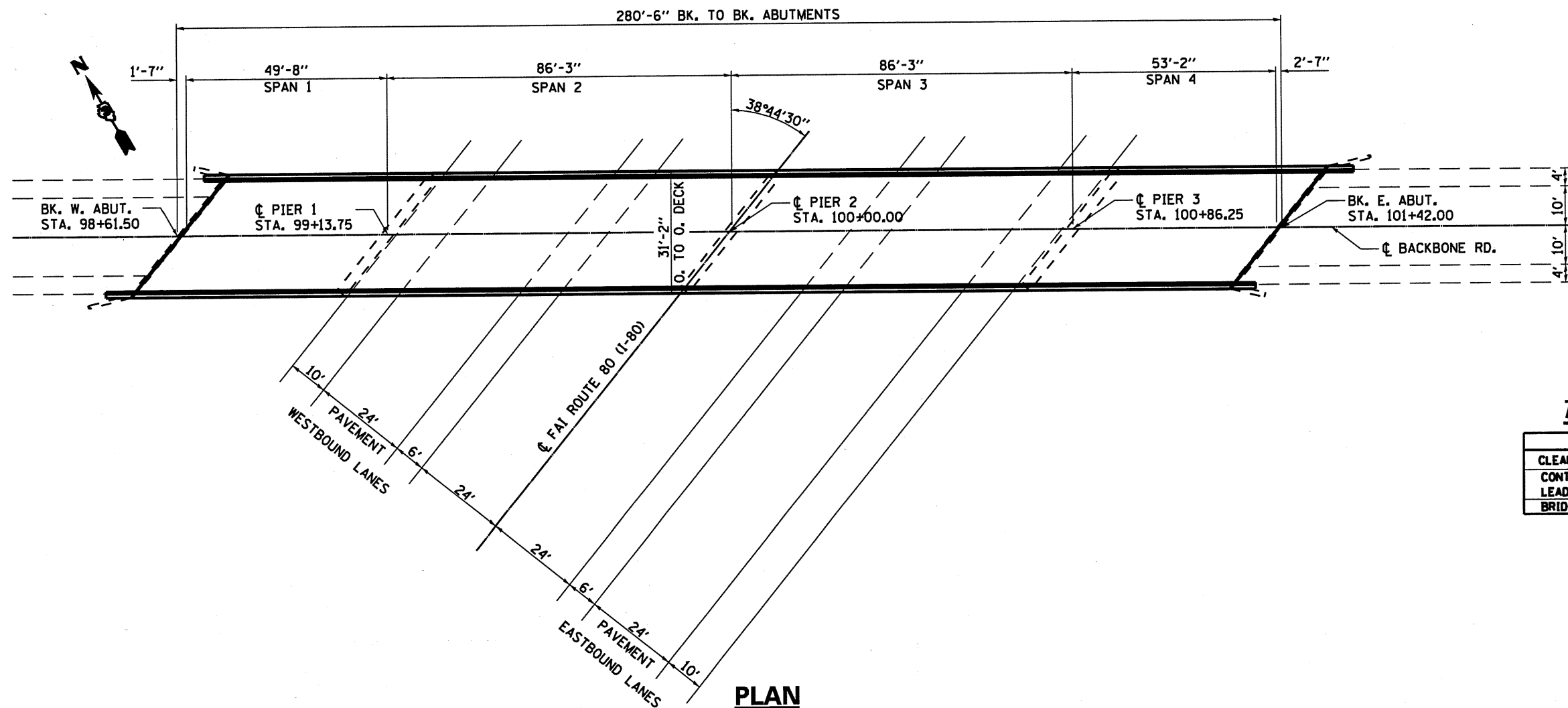




**ELEVATION**

**GENERAL NOTES**

EXISTING PAINT COATINGS CONTAIN LEAD. EXISTING STRUCTURAL STEEL HAS ONE SHOP APPLIED COAT OF "RED LEAD" PAINT AND TWO FIELD APPLIED COATS OF ALUMINUM PAINT.



**PLAN**

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
CLEANING AND PAINTING STEEL BRIDGE	L SUM	1
CONTAINMENT AND DISPOSAL OF LEAD BASED CLEANING RESIDUES	L SUM	1
BRIDGE CLEANING AND PAINTING WARRANTY	L SUM	1

**PLAN AND ELEVATION  
FAS ROUTE 244  
(BACKBONE ROAD)  
SECTION (06-4HB-1)BP  
BUREAU COUNTY  
STA. 2289 + 07.63 (FAI 80)  
S.N. 006-0116**

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED -
ca:\pw_work\pwidot\woodshankr1\d0187886\366A41-detail.dgn		DRAWN - RON WOODSHANK	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Aug 23, 2018 - 08:24:17 AM		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**EXISTING STRUCTURE PLANS  
006-0007 (EB) & SN 006-0008 (WB)**

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
244	06-4HB-1)BP	BUREAU	10	9
ILLINOIS			CONTRACT NO. 66A41	

