

1. COVER SHEET
2. GENERAL NOTES
- 3-4. SUMMARY OF QUANTITIES
5. TYPICAL SECTIONS
6. TRAFFIC CONTROL AND PROTECTION, STANDARD 701400 (SPECIAL)
7. TRAFFIC CONTROL AND PROTECTION (SPECIAL)
8. DETOUR SIGNING, SIGN LEGEND
9. DETOUR SIGNING FOR I-39 SOUTH TO I-80 WEST
10. PAVEMENT STRIPING
- 11-12. STRUCTURE PLANS FOR STRUCTURE NO. 050-0093

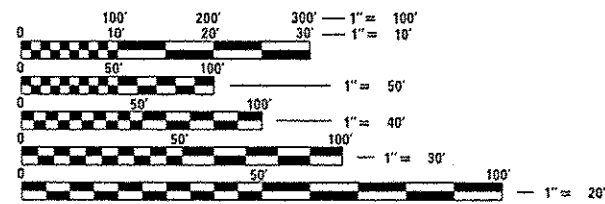
STANDARDS

- | | |
|-----------|---|
| 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 |
| 701101-04 | 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 |
| 701411-09 | LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH |
| 701428 | TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY |
| 701451-03 | RAMP CLOSURE FREEWAY/EXPRESSWAY |
| 701901-04 | TRAFFIC CONTROL DEVICES |

PROJECT LOCATION
S.N. 050-0093
STA. 18 + 08.38
OVER I-80
0.45 MILES WEST
OF I-39

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
F.A.I. 80 (I-80)
F.A.S. ROUTE 260 (CH 13)
SECTION (50-2HB-3)BP
STRUCTURAL STEEL CLEANING AND PAINTING
LASALLE COUNTY

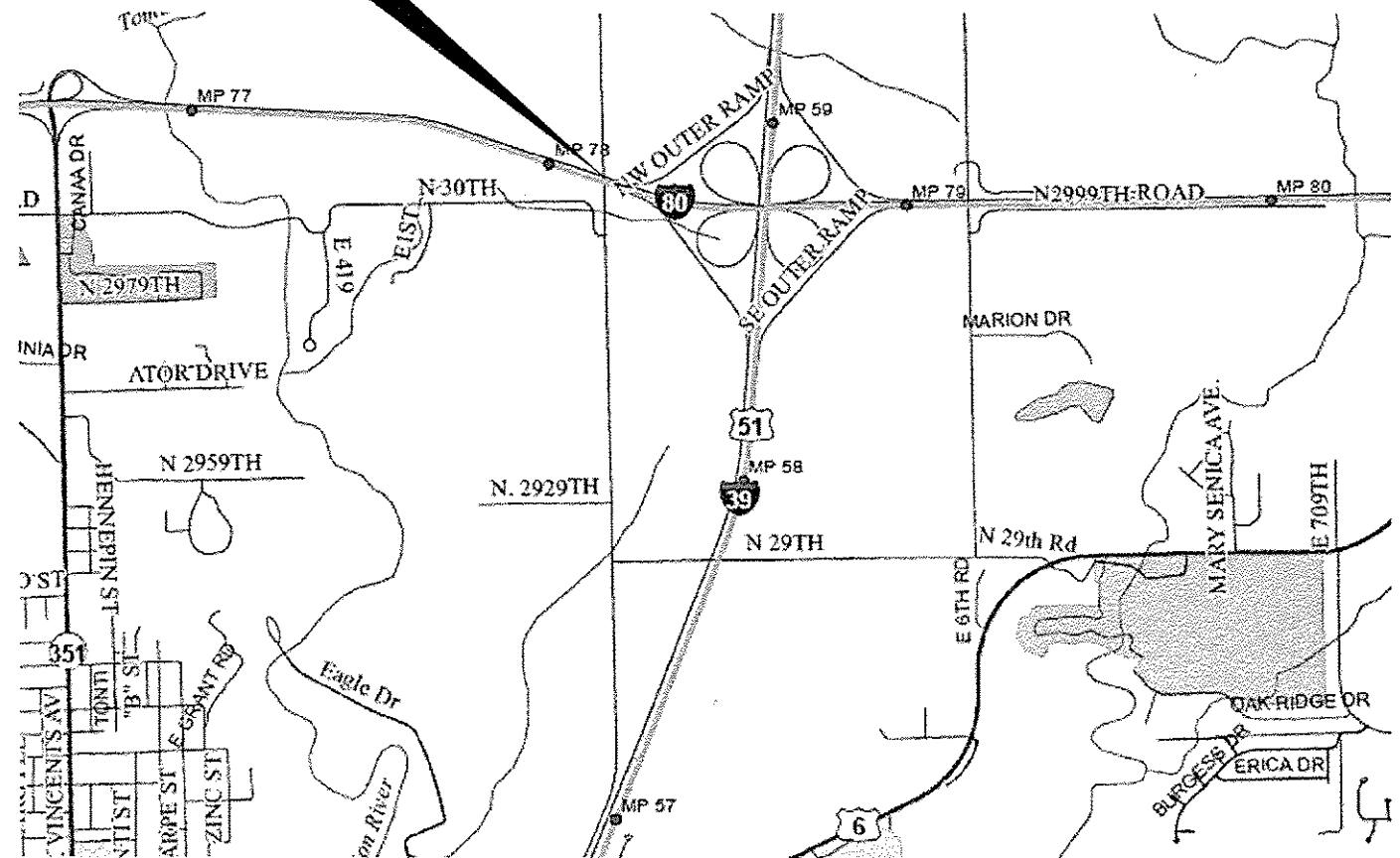
C-93-120-15



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

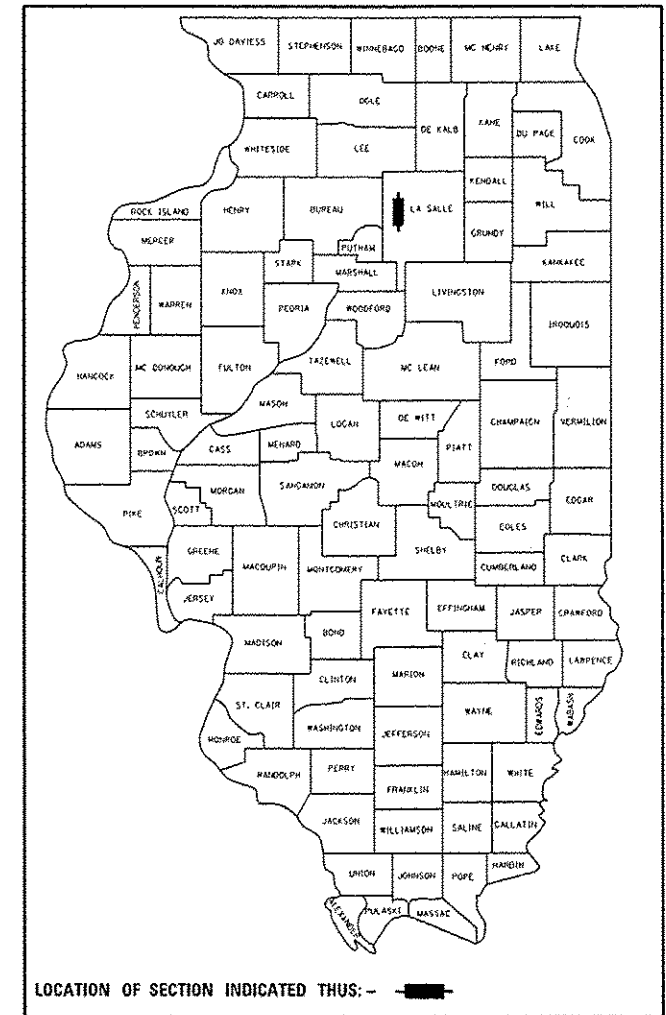
PROJECT ENGINEER: JOE KANNEL P.E.
UNIT CHIEF: RON WOODSHANK
TOWNSHIP: DIMMICK
CONTRACT NO. 66E88



POINT LOCATION

I-80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	150-2HB-3BP	LASALLE	12	1
		ILLINOIS	CONTRACT NO. 66E88	

D-93-058-15



URBAN		URBAN	
MAJOR COLLECTOR		INTERSTATE	
F.A.S. 260		F.A.I. 80	
2011		2013	
ADT	650	ADT	26500
P.V.	93.85%	P.V.	59.06%
S.U.	4.62%	S.U.	6.6%
M.U.	1.54%	M.U.	34.34%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED *Oct 29th 2015*
Paul G. [Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 4 2015
John D. Karamzali, P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

Dec 4 2015
Omer Osman, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

1. STRUCTURE NO. 050-0093 SHALL BE DESIGNATED AS "LOCATION 1".
- ~~2. ESTIMATED AREA OF STRUCTURAL STEEL - 11,626 SQ. FT.~~
3. 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.
4. THE SSPC-OP1 AND SSPC-OP2 "PAINTING CONTRACTOR CERTIFICATIONS" WILL BE REQUIRED FOR THIS PROJECT.
5. A MINIMUM OF TWO AIR MONITORS SHALL BE REQUIRED FOR THIS PROJECT. THE SHALL FURNISH AND INSTALL THE MONITORS AS SHOWN ON PLAN DETAILS. (SEE THE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES".)
6. 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, DIAPHRAGMS, CROSS/LATERAL FRAMING WHEN PRESENT, BEARING ASSEMBLIES AND ALL OTHER ASSOCIATED STEEL COMPONENTS SHALL BE CLEANED PER "NEAR WHITE BLAST CLEANING - SSPC-SP-10.
 - b) ALL EXISTING STRUCTURAL STEEL SHALL BE PAINTED PER THE REQUIREMENTS OF "PAINT SYSTEM 1 - OZ/E/U".
 - 1) THE FINAL FINISH COAT FOR ALL INTERIOR STRUCTURAL STEEL 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.
7. 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.
8. WORKING DAYS SHALL BE CHARGED UNTIL THE CONTRACTOR/SUBCONTRACTOR LICENSED 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 LICENSED 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: OCTOBER 29, 2015

PREPARED BY: David E. Brovick
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: Abdul K. Juma
DISTRICT CONSTRUCTION ENGINEER

Wayne P. ...
DISTRICT MATERIALS ENGINEER

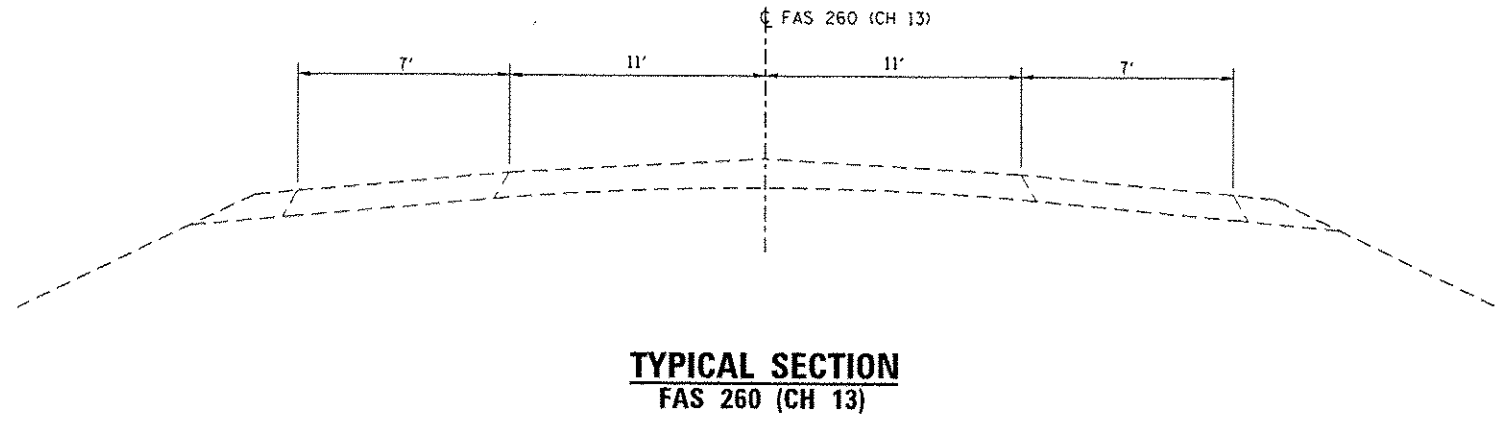
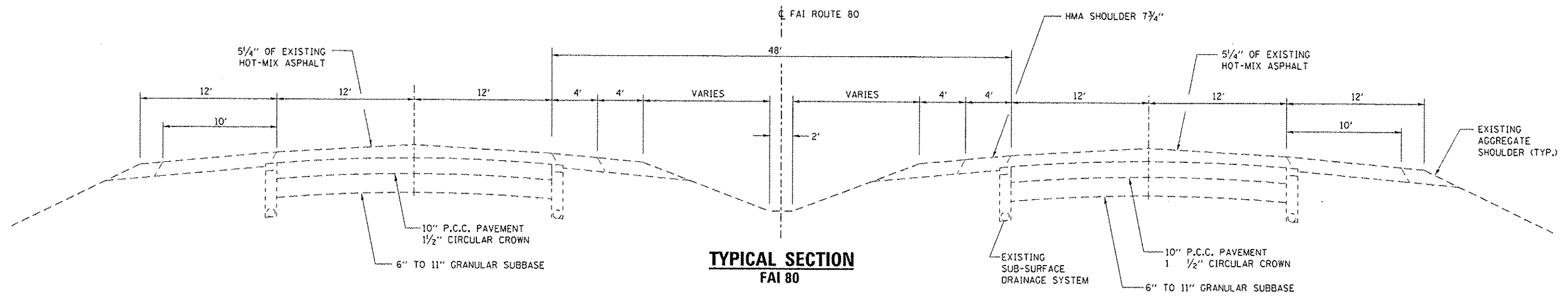
James A. ...
DISTRICT OPERATIONS ENGINEER

FILE NAME: p:\11LBB4E810H\FEG\Illinois.gov\PW1007\Documents\1007 Offices\District 3\Projects\038\DRAWNData\0xxx\ZJL\dt-details.dgn	USER NAME: woodshankel	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.S. RTE. 260	SECTION 150-2HB-3IBP	COUNTY LASALLE	TOTAL SHEETS 12	SHEET NO. 2		
PLLOT SCALE: 100.0000' / 1"	CHECKED - RW	REVISED -	REVISED -			SCALE: _____	SHEET 1 OF 1 SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT			
PLLOT DATE: 10/20/2015	DATE - 7/21/15	REVISED -	REVISED -									
CONTRACT NO. 66E88												

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BPO
				100% STATE
				BRIDGE
				0014
				050-0093
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	LSUM	1	1
Z0016702	DETOUR SIGNING	LSUM	1	1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	48	48

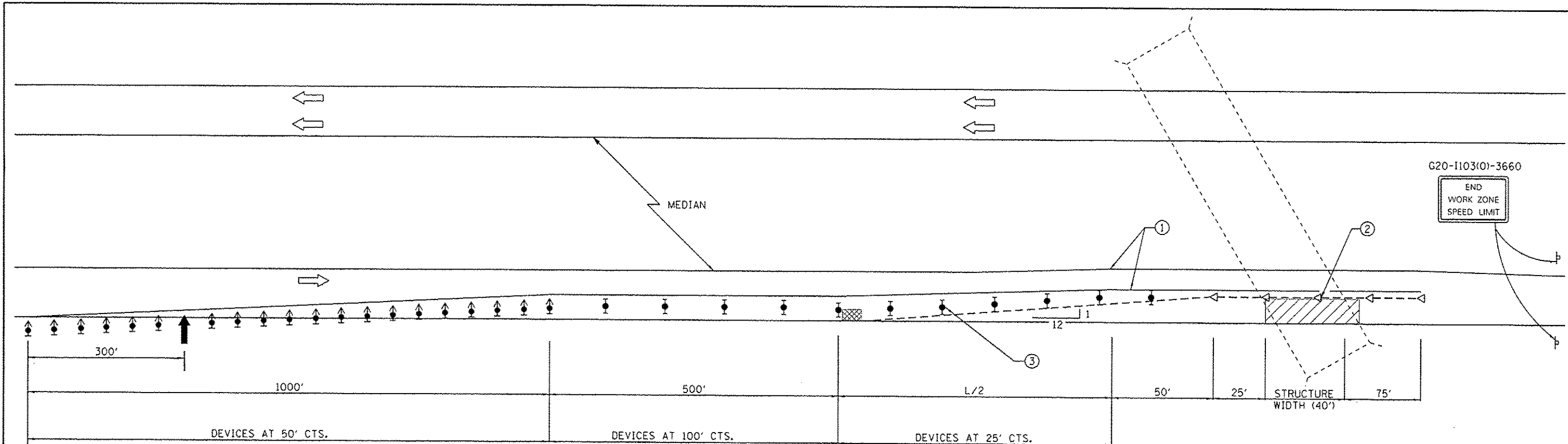
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FILE NAME : p:\1\LOB4EBID\INTEG\illinois.gov\FW1001\00	USER NAME : woodshankel Documents\DOT Offices\District 3\Projects\036	DESIGNED - ZJL DRAWN Data\07xxx\ZJl\1-detailed.dgn	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.S. RTE. 260	SECTION 150-2HB-3IBP	COUNTY LASALLE	TOTAL SHEETS 12	SHEET NO. 4		
Default	PLOT SCALE : 100.0000 1/ in.	CHECKED - RW	REVISED -			SCALE: _____	SHEET 2	OF 2	SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 66E88
	PLOT DATE : 10/28/2015	DATE - 7/21/15	REVISED -			ILLINOIS FED. AID PROJECT						

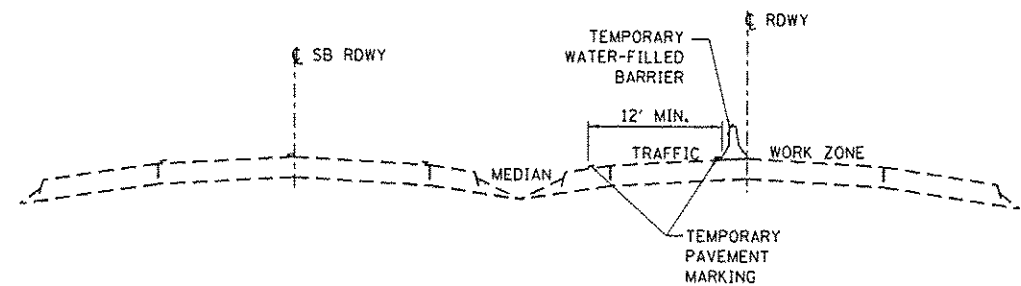


PAVEMENT MARKING SCHEDULE

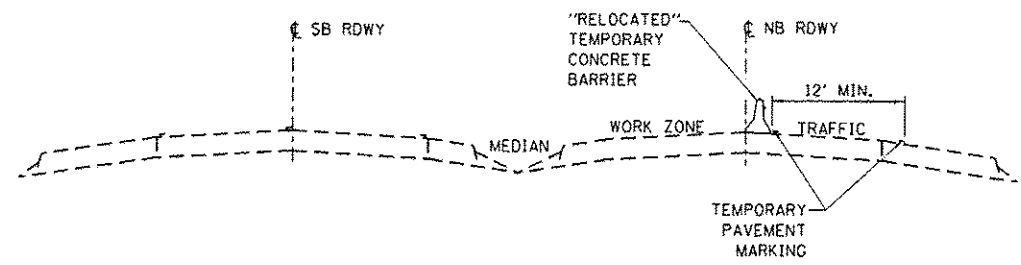
LOCATION	PAVEMENT MARKING REMOVAL SQ FT	MODIFIED URETHANE PAVEMENT MARKING LINE 4"		MODIFIED URETHANE PAVEMENT MARKING LINE 6"	MODIFIED URETHANE PAVEMENT MARKING LINE 8"
		FOOT	FOOT	FOOT	FOOT
WESTBOUND LANES	680	330	330	440	520
EASTBOUND LANES	500	330	330	440	90
SUBTOTAL		660	330		
TOTAL	1180	990		880	610



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



**ROADWAY SECTION
LEFT LANE CLOSED**



**ROADWAY SECTION
RIGHT LANE CLOSED**

- 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 BARRIER WALL/GUARDRAIL MARKERS AT 25' (7.6 M), MARKERS ON RIGHT SHALL BE CRYSTAL AND MARKERS ON LEFT SHALL BE AMBER.
- ③ VERTICAL BARRICADES SHALL NOT BE USED IN LANE SHIFT TAPER.

SYMBOLS

- ↑ ARROW BOARD
- ▨ WORK AREA
- ⊥ SIGN
- ⬆ DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- ⬇ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- - - - - TEMPORARY WATER-FILLED BARRIER
- ◁ MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- ▣ IMPACT ATTENUATOR

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.

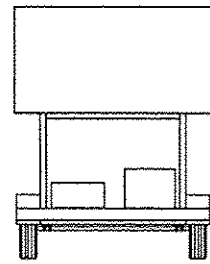
WHEN WORK IS BEING PERFORMED IN THE LEFT LANE, THE SET UP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.

TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

CALCULATE L AS FOLLOWS:

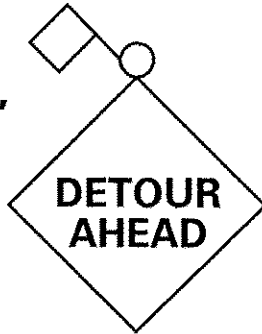
NORMAL POSTED SPEED	FORMULAS
45 MPH OR MORE	ENGLISH $L = (W)(S)$
W = WIDTH OF OFFSET IN FEET (METERS).	
S = NORMAL POSTED SPEED IN MPH (KM/H).	

FILE NAME :	USER NAME : pletschr	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 1/8"=1'-0"	DATE - 3/12/2015	DATE - 3/12/2015	REVISED -			CONTRACT NO. 66E88				
PLOT DATE = 10/29/2015						ILLINOIS				



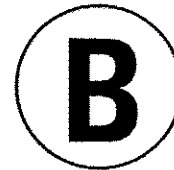
CHANGEABLE MESSAGE SIGN
MESSAGE TO READ AS FOLLOWS:
"EXIT RAMP CLOSED AHEAD
FOLLOW DETOUR"
1 SIGN
REQUIRED

W20-2
48" X 48"



1 SIGN
REQUIRED

M4-8(0)
30" X 15"



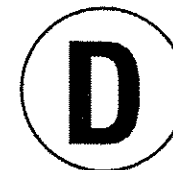
4 SIGNS
REQUIRED

M3-4
30 X 15"



4 SIGNS
REQUIRED

E5-2a
40" X 36"



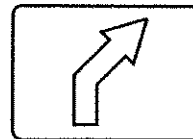
1 SIGN
REQUIRED

M1-1
36" X 36"



4 SIGNS
REQUIRED

M5-2(0)
30" X 15"



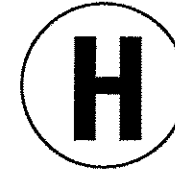
1 SIGN
REQUIRED

M6-2(0)
30" X 15"



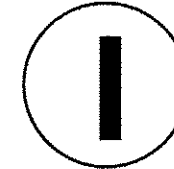
2 SIGNS
REQUIRED

M6-3(0)
30" X 15"



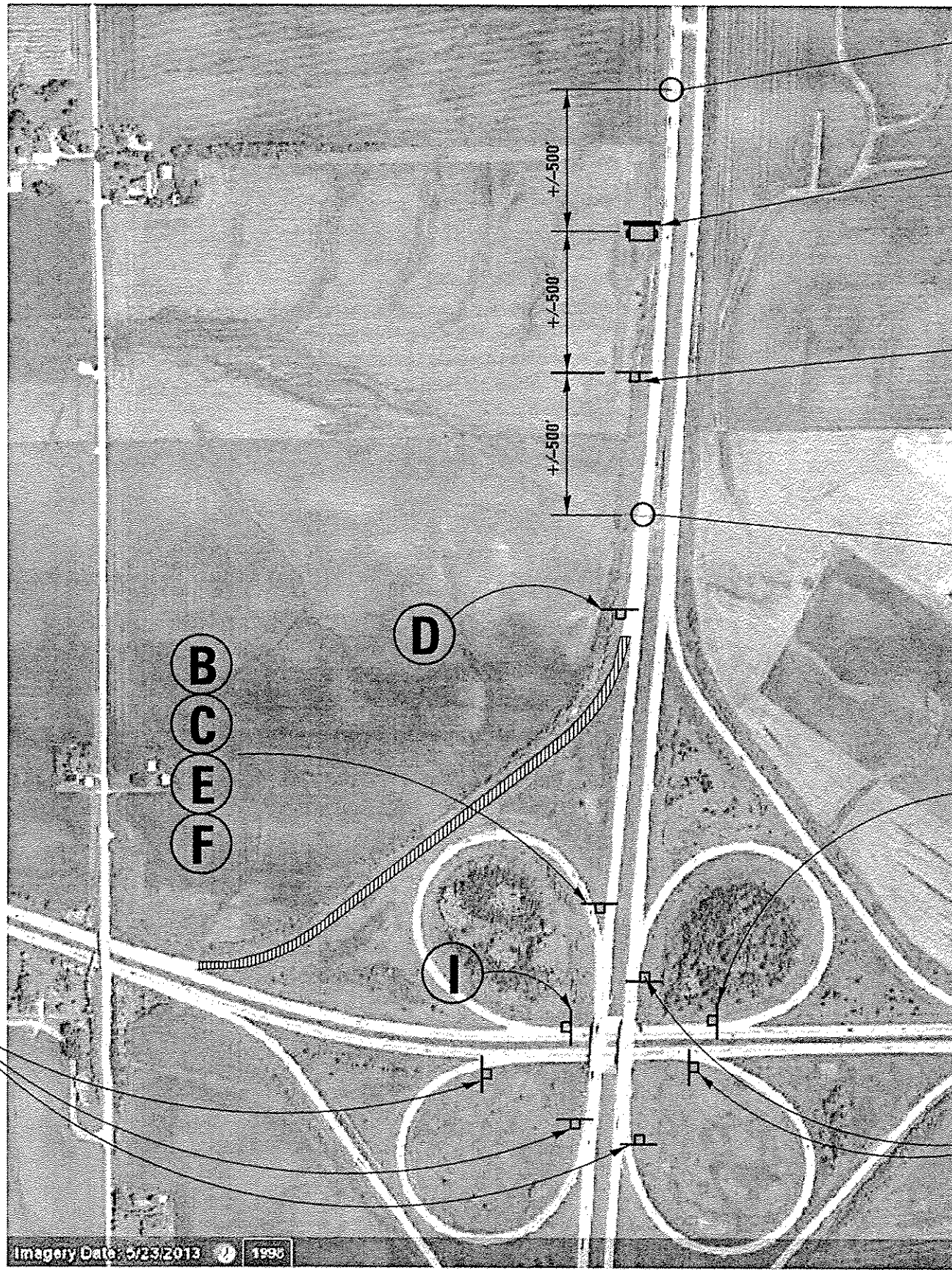
1 SIGNS
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M4-8a(0)
30" X 15"

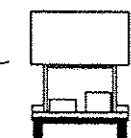


1 SIGN
REQUIRED

FILE NAME	USER NAME - pletachr	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING SIGN LEGEND		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE - 10/29/2015	DATE - 3/12/2015	REVISED -	CONTRACT NO. 66E88								



EXISTING OVD
SIGN TRUSS



A

EXISTING OVD
SIGN TRUSS

B
C
E
H

B
C
E
G

NOTES:

THIS DETOUR SHALL "ONLY" APPLY WHEN THE I-80 WESTBOUND DRIVING LANE/RAMP IS CLOSED DUE TO THE CONTRACTOR'S CONSTRUCTION OPERATIONS. WHEN THE I-80 PASSING LANE IS CLOSED, THE RAMP SHALL BE OPEN TO ALL TRAFFIC.

HATCHED AREA REPRESENTS CLOSED RAMP

RAMP CLOSURE SHALL BE CLOSED ACCORDING TO TRAFFIC CONTROL & PROTECTION STANDARD 701451

B
C
E
G

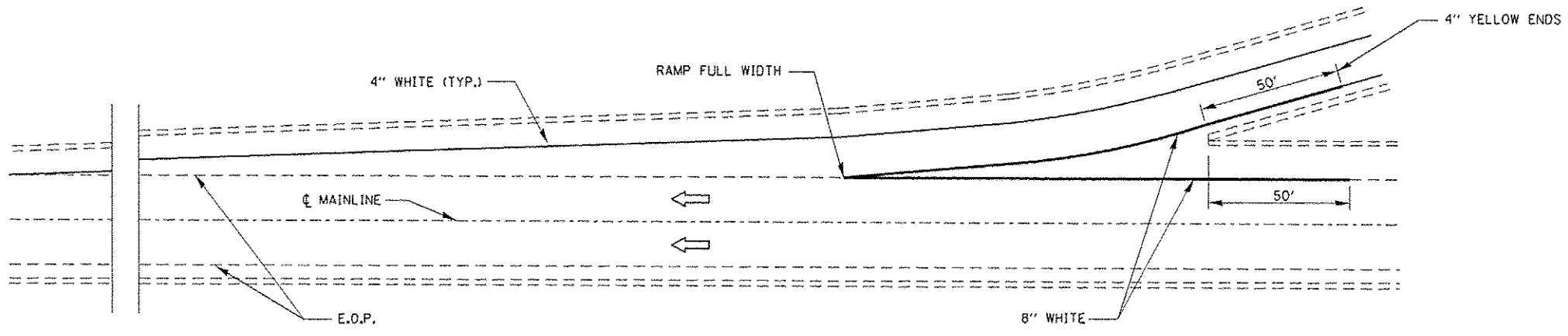
B
C
E
F

D

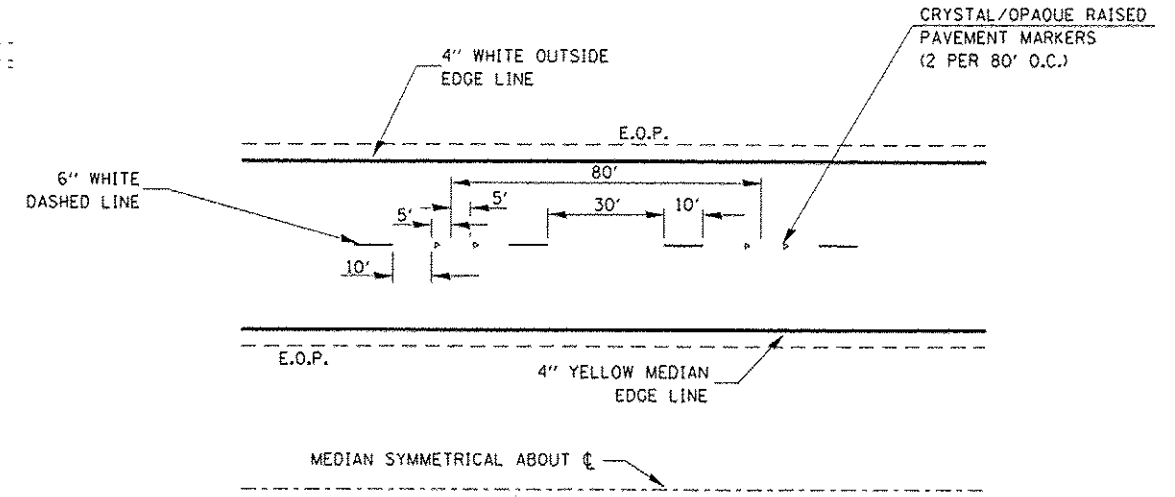
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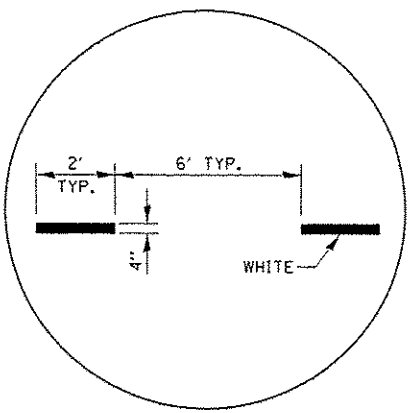
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	PLOT SCALE 1/8"=1'-0"	CHECKED TP	REVISED -		SCALE:	SHEET NO. 2 OF 5 SHEETS	STA.	TO STA.	39	D3 PATCHING 2016-1	LASALLE
PLOT DATE 10/29/2015	DATE 3/12/2015	REVISED -	REVISED -				ILLINOIS		CONTRACT NO. 66E88		



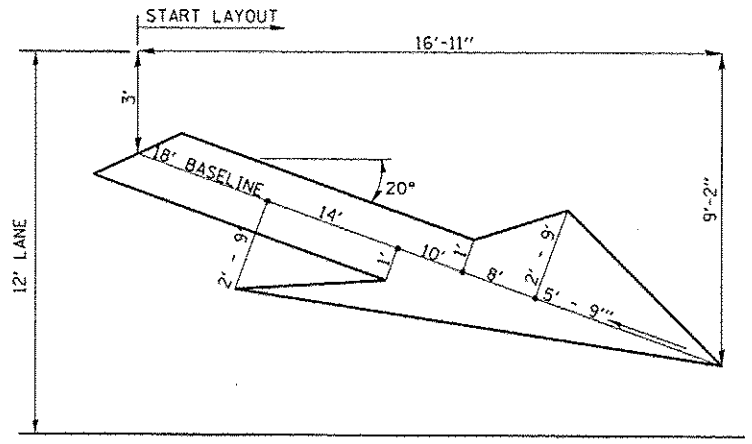
TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS



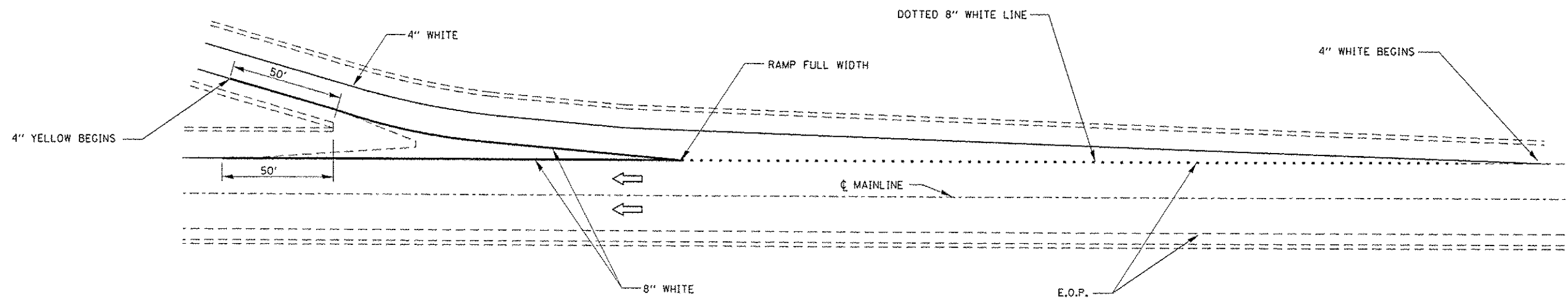
TYPICAL PAVEMENT MARKINGS



INTERSTATE RAMP TRANSITION LINE

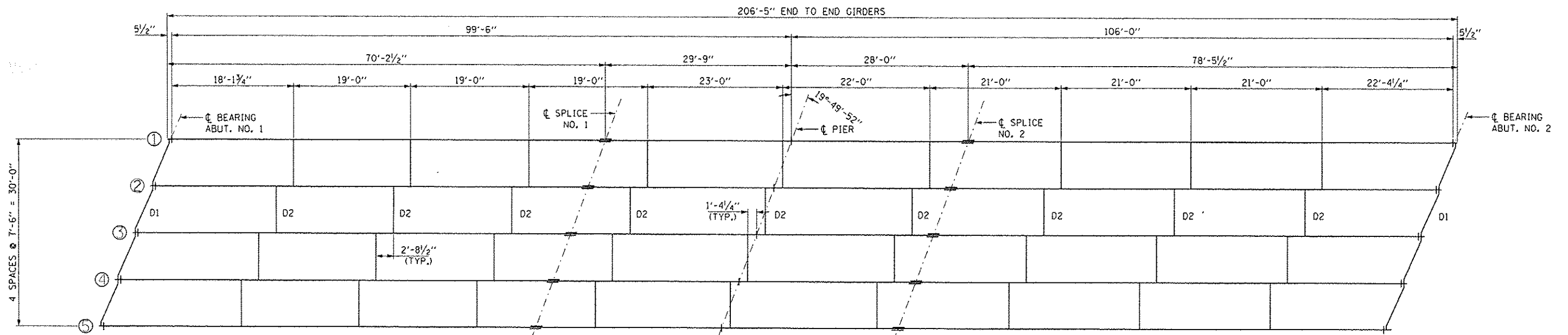


**LARGE MERGE ARROWS
42 Sq. Ft.**

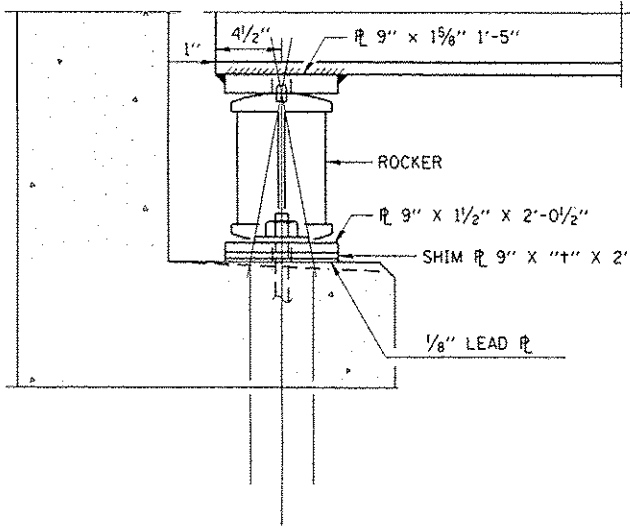


TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS

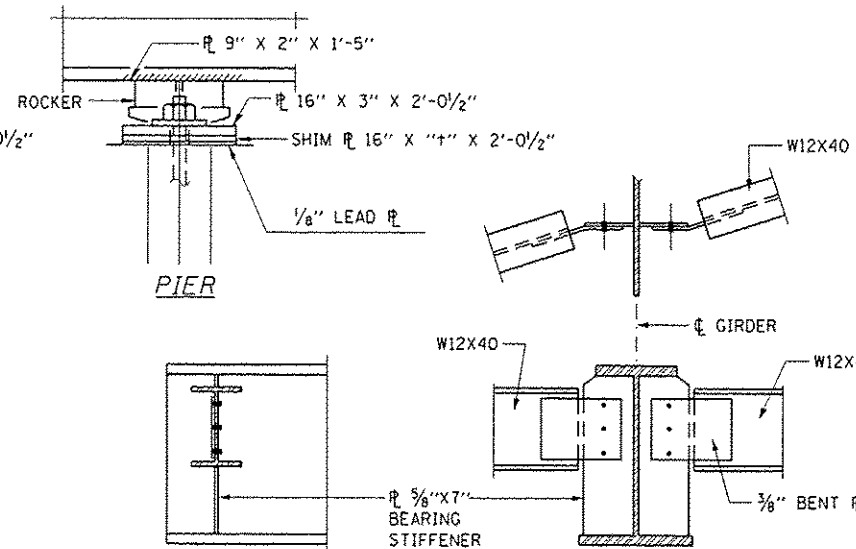
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PROJECT =	PROJECT OFFICE =	DRAWN =	REVISED =			SCALE: _____	SHEET 1 OF 1 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 66E88		ILLINOIS FED. AID PROJECT
Default	PLOT SCALE = 100.0000 / in.	CHECKED - RW	REVISED -								
	PLOT DATE = 10/20/2015	DATE - 7/20/15	REVISED -								



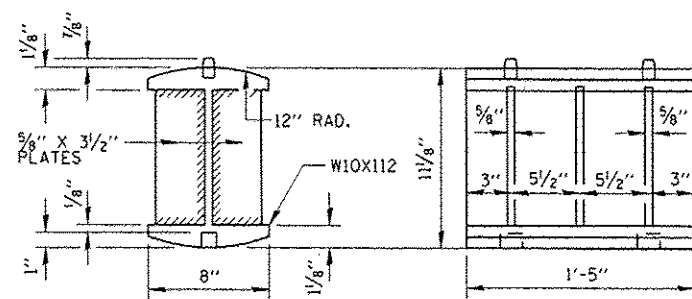
LAYOUT - STRUCTURAL STEEL



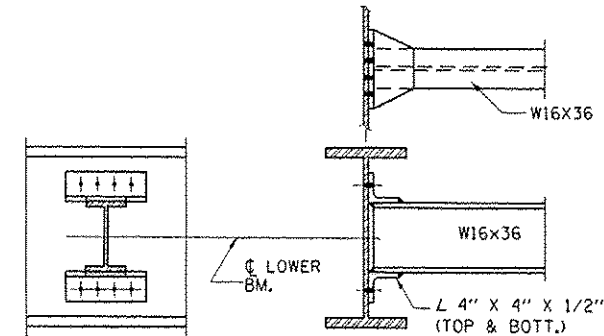
SECTION AT ABUTMENT



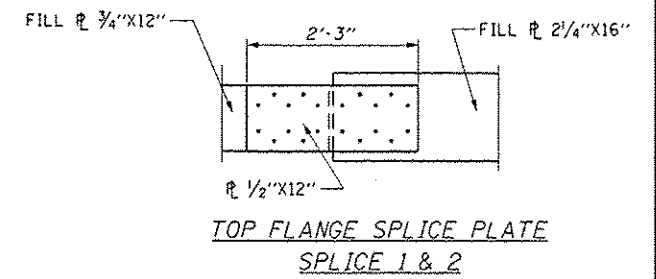
END DIAPHRAGM D1
8 Required



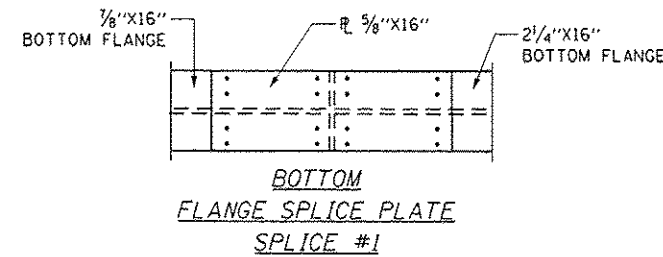
DETAIL OF ROCKER



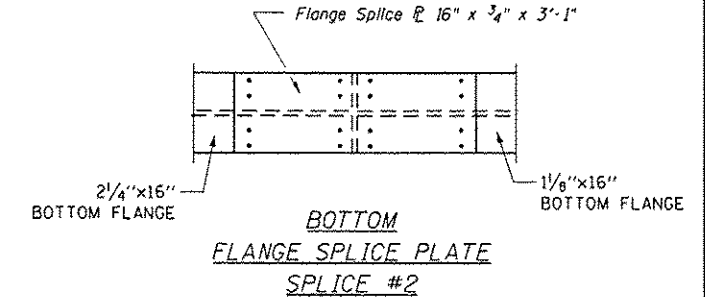
INTERIOR DIAPHRAGM D2
36 REQUIRED



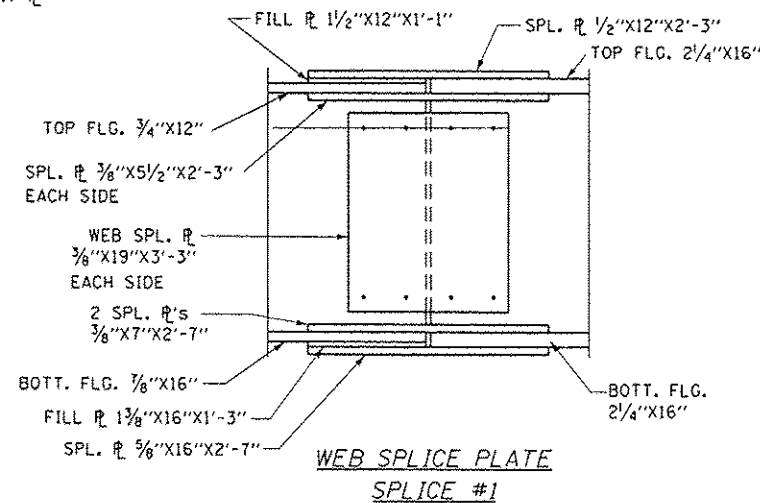
TOP FLANGE SPLICE PLATE
SPLICE 1 & 2



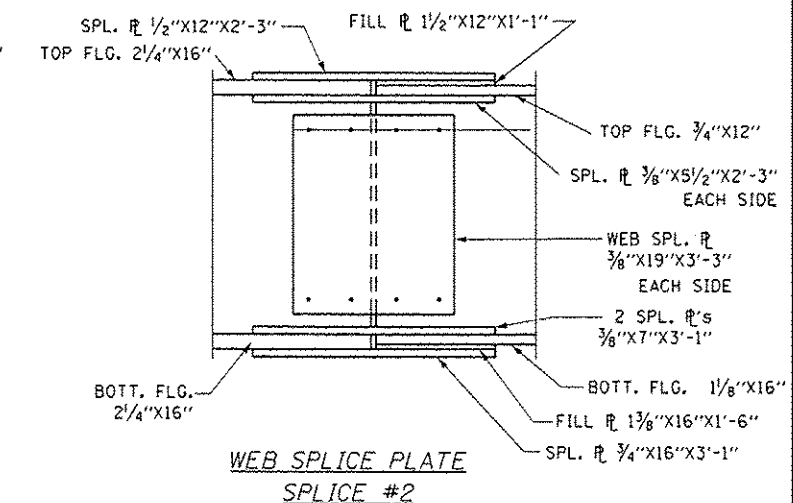
BOTTOM
FLANGE SPLICE PLATE
SPLICE #1



BOTTOM
FLANGE SPLICE PLATE
SPLICE #2



WEB SPLICE PLATE
SPLICE #1



WEB SPLICE PLATE
SPLICE #2

FILE NAME =	USER NAME = woodhank1	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURAL STEEL DETAILS FOR STRUCTURE NO. 050-0093	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 10/28/2015	DATE - 7/13/15	REVISED -			SCALE: _____	SHEET 2 OF 2 SHEETS	STA. 17+08.88 TO STA. 19+14.38	CONTRACT NO. 66E88		
ILLINOIS FED. AID PROJECT											