

PROPOSED HIGHWAY PLANS

FAI 180 (I-180) (06-3, 078-1)MBPM-2 BRIDGE REPAIRS AND STRUCTURAL STEEL CLEANING AND PAINTING BUREAU COUNTY

C-93-148-14

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180	(06-3, 078-1)MBPM-2	BUREAU	12	1
		ILLINOIS	CONTRACT NO. 66E12	

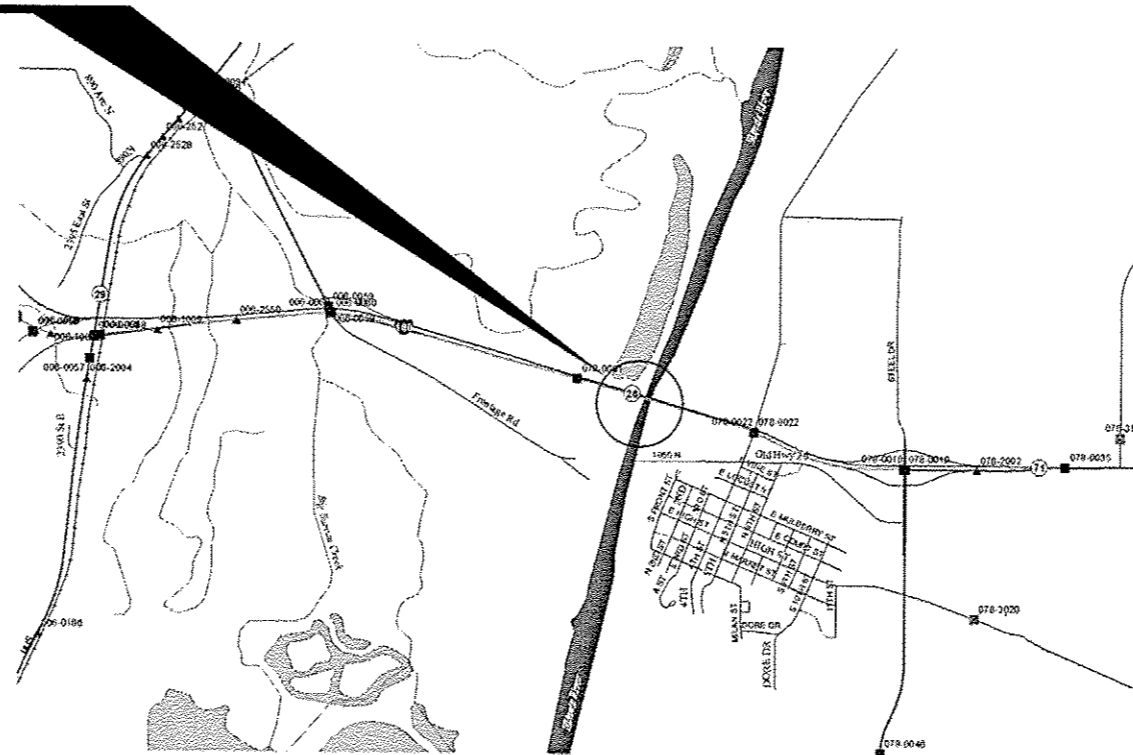
1. COVER SHEET
2. GENERAL NOTES
- 3-4. SUMMARY OF QUANTITIES
5. TYPICAL SECTIONS
6. SCHEDULES
7. TRAFFIC CONTROL AND PROTECTION STANDARD 701402
8. PAVEMENT MARKING
- 9-12. STRUCTURE PLANS

STANDARDS

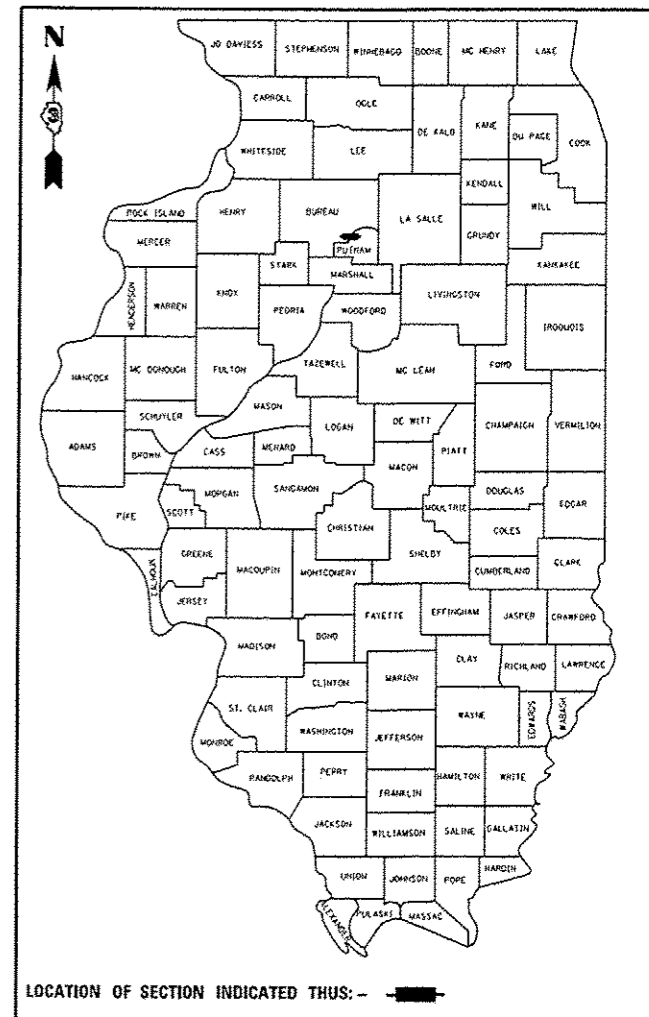
- | | |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS |
| 701101-04 | OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY |
| 701400-02 | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701428 | TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY |
| 701901-04 | TRAFFIC CONTROL DEVICES |
| 704001-07 | TEMPORARY CONCRETE BARRIER |

PROJECT LOCATION

**STRUCTURE NUMBER 078-0001
CARRYING FAI RT. 180 (I-180)
OVER THE ILLINOIS RIVER
1.82 MILES EAST OF IL 26
AT HENNEPIN**

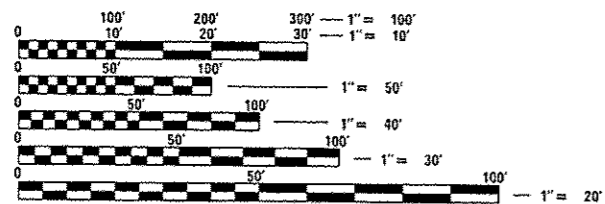


POINT LOCATION
LOCATION MAP NOT TO SCALE



LOCATION OF SECTION INDICATED THUS: - [Symbol] -

RURAL	
INTERSTATE	
FAI 180 (I-180)	
2013	
ADT	2600
P.V.	75%
S.U.	8.65%
M.U.	16.35%



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 (815) 434-6131
PROJECT ENGINEER JOE KANNEL P.E.
UNIT CHIEF RON WOODSHANK
TOWNSHIP LEEPERTOWN

CONTRACT NO. 66E12

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 12-12 20 14

Paul Voete 2015
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

John D. Baranzelli P.E. 2015
acting ENGINEER OF DESIGN AND ENVIRONMENT

John 30 2015
Onur Osman P.E. 2015
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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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 ADJUSTMENT 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.

AS PER ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS WHENEVER PUBLIC OR PRIVATE PROPERTY IS DAMAGE OR DESTROYED DUE TO THE OPERATIONS OF THE CONTRACTOR, THE CONTRACTOR SHALL, AT NO ADDITIONAL COST TO THE DEPARTMENT, RESTORE SUCH PROPERTY TO A CONDITION EQUAL TO THE EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE BY REPAIRING, REBUILDING, OR REPLACING IT AS MAY BE DIRECTED, OR THE CONTRACTOR SHALL OTHERWISE MAKE GOOD SUCH DAMAGE OR DESTRUCTION IN AN ACCEPTABLE MANNER.

THE CONTRACTOR SHALL NOT CLOSE A LANE IN THE EASTBOUND AND WESTBOUND TRAFFIC LANES AT THE SAME TIME UNLESS APPROVED IN WRITING BY THE ENGINEER.

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.

SUITABLE ON-SITE SANITARY FACILITIES MEETING FEDERAL, STATE AND LOCAL HEALTH DEPARTMENT REQUIREMENTS SHALL BE PROVIDED AND MAINTAINED CLEAN AND IN GOOD WORKING CONDITION AND SHALL BE STOCKED WITH LAVATORY AND SANITARY SUPPLIES AT ALL TIMES DURING THE PERIOD OF THE CONTRACT.

THE FURNISHING, MAINTENANCE AND LAVATORY SUPPLIES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PAY ITEMS INVOLVED UNDER THIS CONTRACT.

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

COMMITMENTS

DATE: 12-12-14

PREPARED BY: Tom Beaulieu
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: Harold Gray
DISTRICT CONSTRUCTION ENGINEER

Wayne J. Phillips
DISTRICT MATERIALS ENGINEER

Samuel A. Wheeler
DISTRICT OPERATIONS ENGINEER

FILE NAME : c:\pwork\psidot\woodshenkr\140401777\	USER NAME : woodshenkr1	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	366E12-sh1-details.dgn	DRAWN - ZJL	REVISED -			180	(06-3, 078-1)MBPM-2	BUREAU	12	2		
	PLOT SCALE : 100.0000 1 / in.	CHECKED - RLW	REVISED -			SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____						
	PLOT DATE : 12/4/2014	DATE - 8/6/14	REVISED -			ILLINOIS FED. AID PROJECT						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				MBPM
				100% STATE
				BRIDGE
				0014
				S. N.
50606701	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 1	L SUM	1	1
67100100	MOBILIZATION	L SUM	1	1
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1	1
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3330	3330
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3330	3330
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	6460	6460
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2400	2400
78300100	PAVEMENT MARKING REMOVAL	SQ FT	3332	3332
X7010410	SPEED DISPLAY TRAILER	CAL MO	1	1
Z0007112	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1	1
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	1341	1341
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	327	327

FILE NAME :	USER NAME = woodshankr1	DESIGNED - ZJL	REVISED -
ct:\pwork\pwidot\woodshankr1\00401777\	306E12-sht-details.dgn	DRAWN - ZJL	REVISED -
	PLOT SCALE = 100.0000 / 1 in.	CHECKED - RLW	REVISED -
	PLOT DATE = 12/4/2014	DATE - 8/6/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

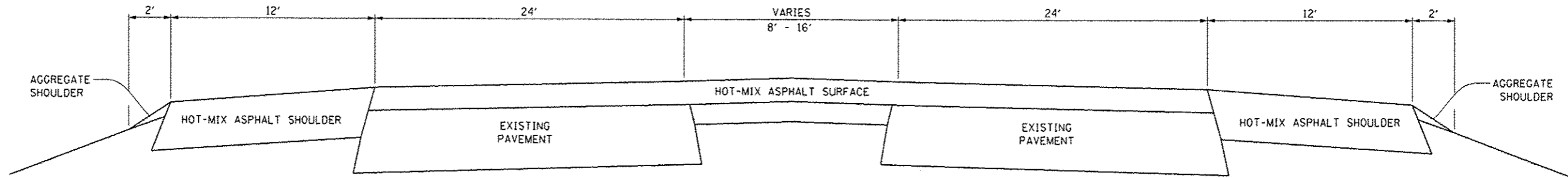
SUMMARY OF QUANTITIES

SCALE: _____ SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____

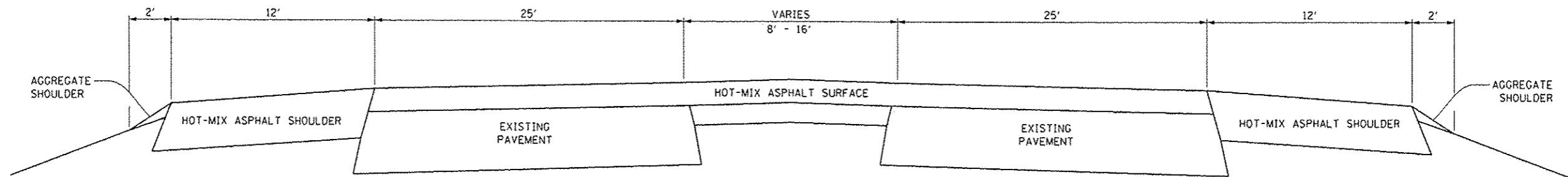
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180	(06-3, 078-1)MBPM-2	BUREAU	12	3
			CONTRACT NO. 66E12	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				MBPM 100% STATE ROADWAY 0014 S. N.
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	21	21

•SPECIALITY ITEMS



TYPICAL SECTION
EAST OF THE ILLINOIS RIVER



TYPICAL SECTION
WEST OF THE ILLINOIS RIVER

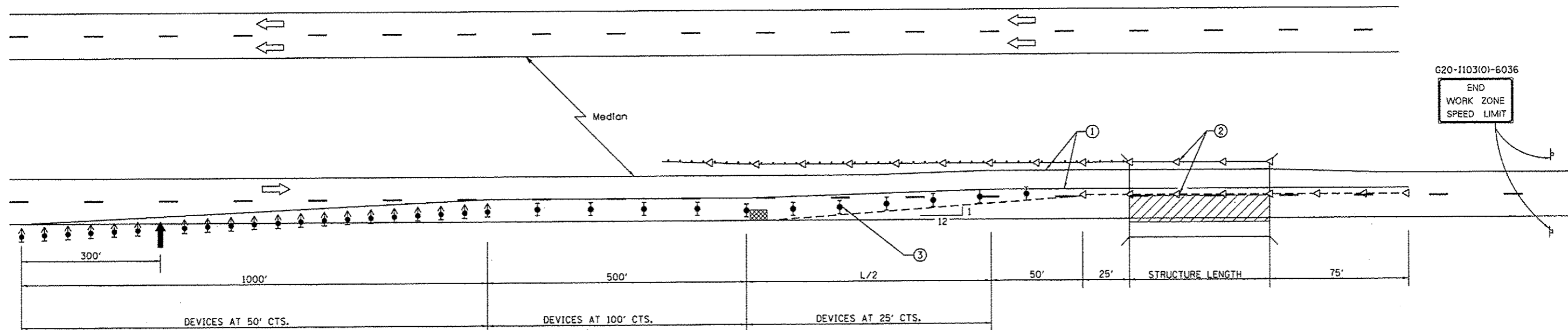
FILE NAME : c:\p4_work\p4dot\woodshenkr\140401777\	USER NAME = woodshenkr	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.I. RTE. = 180	SECTION = (06-3, 078-1MBPM-2)	COUNTY =	TOTAL SHEETS = 12	SHEET NO. = 5
	366E12-sht-details.dgn	DRAWN - ZJL	REVISED -			BUREAU =	CONTRACT NO. 66E12			
	PLOT SCALE = 100.0000' / 1"	CHECKED - RLW	REVISED -			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/4/2014	DATE = 8/6/14	REVISED -			SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____				

SCHEDULE

LOCATION	REPAIR LENGTH	STRUCTURAL REPAIR OF CONCRETE (DEPTH < TO 5")	STRUCTURAL REPAIR OF CONCRETE (DEPTH > 5")
STA. - STA.	FOOT	SQ FT	SQ FT
EAST BOUND LANE			
50+73 - 50+81	8	8	
50+94 - 51+02	8		8
52+00 - 52+11	11	11	
52+16 - 52+24	8	8	
52+38 - 52+45	7	7	
52+94 - 53+02	8	8	
53+11 - 53+24	13	13	
53+28 - 53+64	36	36	
53+65 - 53+82	17	17	
53+85 - 54+03	18	18	
54+30 - 54+39	9	9	
55+01 - 55+21	20	20	
55+23 - 55+30	7	7	
55+34 - 55+42	8	8	
55+64 - 55+72	8	8	
55+72 - 55+88	16	16	
55+92 - 55+99	7	7	
56+01 - 56+10	9	9	
56+10 - 57+13	103		103
57+18 - 57+62	44	44	
57+59 - 58+13	54	54	
58+19 - 58+39	20	20	
58+41 - 58+49	8	8	
58+58 - 58+79	21	21	
59+02 - 59+12	10	10	
59+15 - 59+32	17	17	
59+69 - 59+76	7	7	
59+87 - 59+99	12	12	
60+28 - 60+35	7	7	
60+47 - 60+61	14	14	
60+64 - 60+83	19	19	
61+09 - 61+27	18	18	
61+20 - 61+37	17	17	
61+39 - 61+57	18	18	
61+65 - 61+77	12	12	
62+21 - 62+32	11	11	
62+80 - 62+97	17	17	
63+41 - 63+50	9	9	
64+20 - 64+29	9	9	
66+07 - 66+17	10	10	
66+30 - 66+42	12	12	
67+11 - 67+20	9	9	
69+28 - 69+76	48	48	
74+20 - 74+32	12	12	
75+26 - 75+46	20	20	
75+28 - 75+35	7	7	
76+18 - 76+25	7	7	
76+78 - 76+95	17	17	
77+97 - 78+15	18	18	
78+24 - 78+31	7	7	
78+42 - 78+56	14	14	
78+61 - 78+75	14	14	
78+82 - 78+90	8	8	
79+31 - 79+38	7	7	
79+66 - 79+74	8	8	
80+42 - 80+53	11	11	
80+55 - 80+69	14	14	
EAST BOUND TOTAL	908	797	111

SCHEDULE

LOCATION	REPAIR LENGTH	STRUCTURAL REPAIR OF CONCRETE (DEPTH < TO 5")	STRUCTURAL REPAIR OF CONCRETE (DEPTH > 5")
STA. - STA.	FOOT	SQ FT	SQ FT
WEST BOUND LANE			
79+71 - 79+59	12		12
78+48 - 78+41	7	7	
77+54 - 77+47	7	7	
77+16 - 77+07	9	9	
74+34 - 74+27	7	7	
68+52 - 68+43	9	9	
65+99 - 65+89	10	10	
64+41 - 64+05	36	36	
63+76 - 63+69	7	7	
63+66 - 63+30	36		36
62+71 - 62+62	9	9	
62+50 - 62+39	11		11
61+77 - 61+69	8	8	
61+49 - 61+38	11	11	
61+20 - 61+13	7		7
60+52 - 60+37	15	15	
60+13 - 60+05	8	8	
59+85 - 59+75	10	10	
59+56 - 59+48	8	8	
58+92 - 58+77	15		15
58+27 - 58+18	9	9	
58+15 - 57+82	33	33	
57+77 - 57+63	14		14
57+60 - 57+42	18		18
57+30 - 57+17	13	13	
57+15 - 57+07	8	8	
57+04 - 56+93	11		11
56+85 - 56+77	8	8	
56+74 - 56+47	27	27	
56+45 - 56+38	7	7	
56+36 - 56+21	15	15	
56+13 - 56+00	13	13	
55+79 - 55+71	8	8	
55+71 - 55+46	25		25
55+45 - 55+37	8		8
55+33 - 55+19	14	14	
55+11 - 54+97	14	14	
54+73 - 54+56	17		17
54+35 - 54+21	14		14
54+21 - 53+93	28		28
53+67 - 53+53	14	14	
53+41 - 53+28	13	13	
53+22 - 53+07	15	15	
52+85 - 52+76	9	9	
52+66 - 52+59	7	7	
52+57 - 51+95	62	62	
51+78 - 51+70	8	8	
51+68 - 51+50	18	18	
51+48 - 51+32	16	16	
51+11 - 50+83	28	28	
50+60 - 50+52	8	8	
50+50 - 50+41	9	9	
50+33 - 50+26	7	7	
WEST BOUND TOTAL	760	544	216



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 CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- ▣ IMPACT ATTENUATOR

- 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.

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 (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	
	ENGLISH	(METRIC)
45 MPH (80 KM/H) OR MORE	$L=(W)(S)$	$L=0.65(W)(S)$

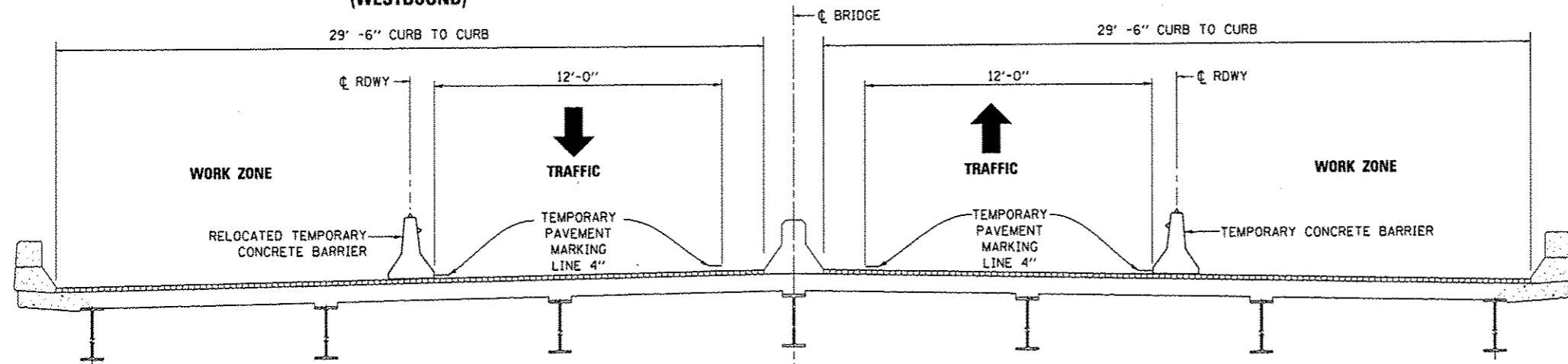
W = Width of offset
In feet (meters).

S = Normal posted speed
In mph (km/h).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

STAGE II CONSTRUCTION (WESTBOUND)

STAGE I CONSTRUCTION (EASTBOUND)



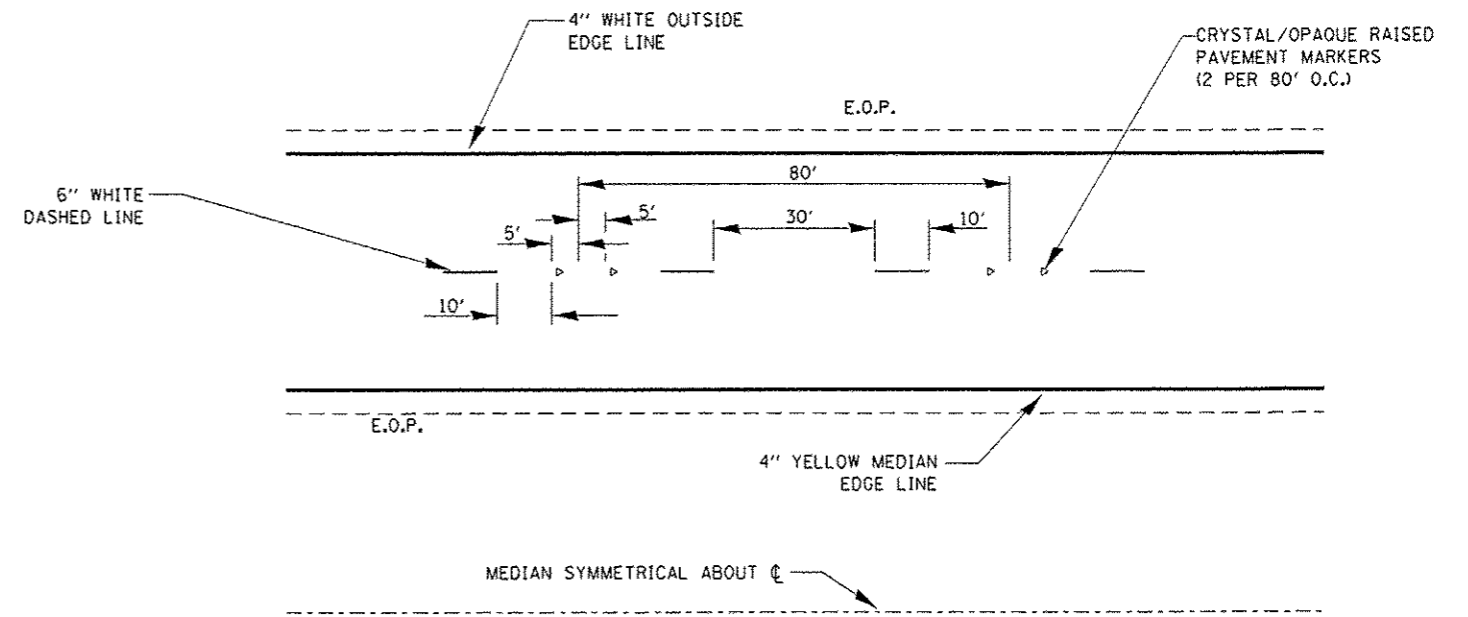
CROSS SECTION (LOOKING EAST)

FILE NAME *	USER NAME = woodshankr1	DESIGNED - ZJL	REVISED -
o:\pwwork\pwwid\woodshankr1\d8481777\366E12-sht-detail.dgn		DRAWN - ZJL	REVISED -
PLOT SCALE = 1/8" = 1'-0"		CHECKED - RLW	REVISED -
PLOT DATE = 12/10/2014		DATE - 8/6/14	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

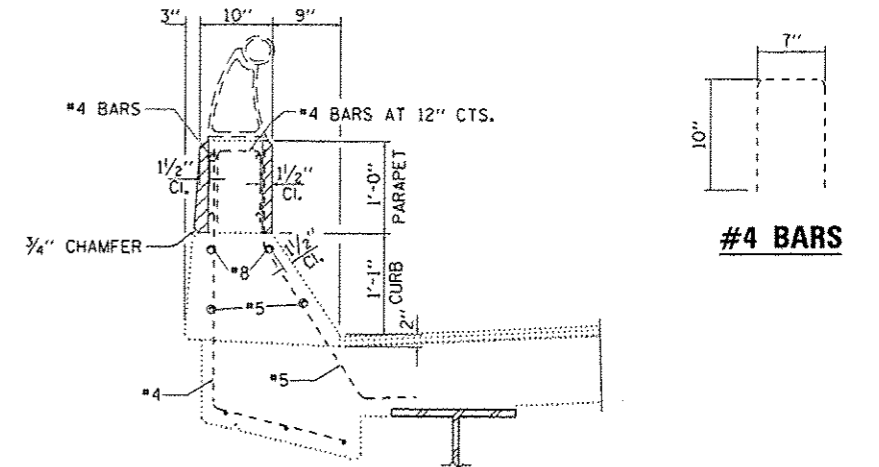
SCHEDULES	
SCALE: _____	SHEET 2 OF 2 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180	(06-3, 078-1)MBPM-2	BUREAU	12	7
CONTRACT NO. 66E12			ILLINOIS FED. AID PROJECT	




TYPICAL PAVEMENT MARKINGS

FILE NAME =	USER NAME = woodshankr1	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT STRIPING	F.A.I. RTE. 180	SECTION (06-3, 078-1)MBPM-2	COUNTY BUREAU	TOTAL SHEETS 12	SHEET NO. 8		
c:\pw\work\p\idat\woodshankr1\00401777\	366E12-shi-details.dgn	DRAWN - ZJL	REVISED -			SCALE: _____	SHEET 1 OF 1 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 66E12			
	PLOT SCALE = 100.0000' / 1"	CHECKED - RLW	REVISED -			ILLINOIS FED. AID PROJECT						
	PLOT DATE = 12/4/2014	DATE - 8/6/14	REVISED -									

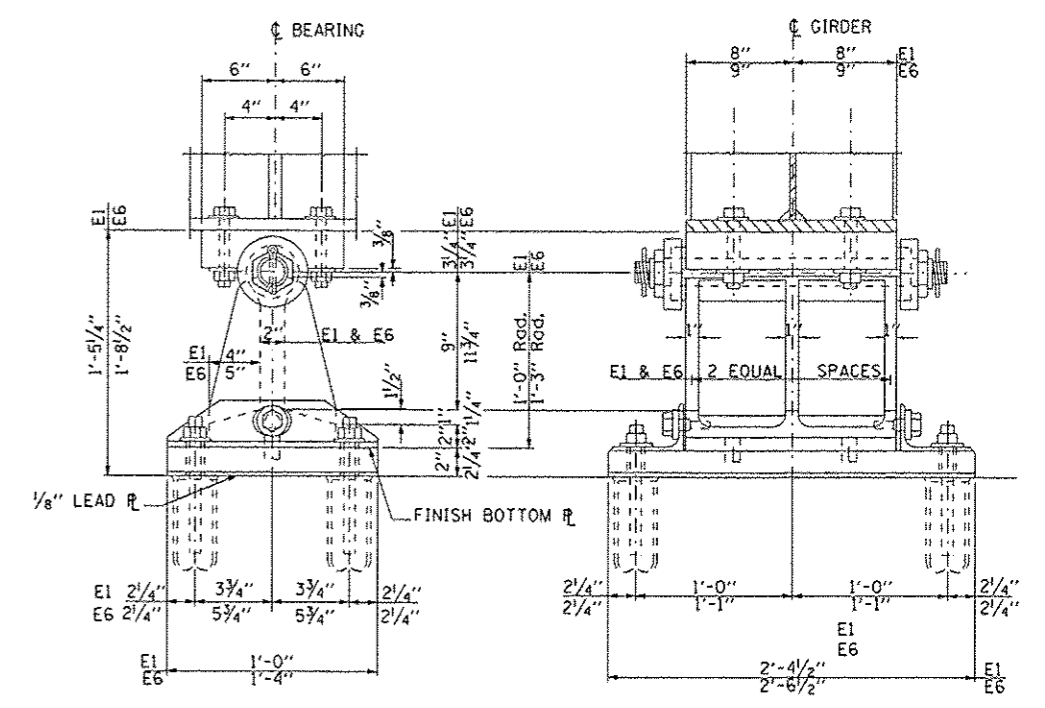
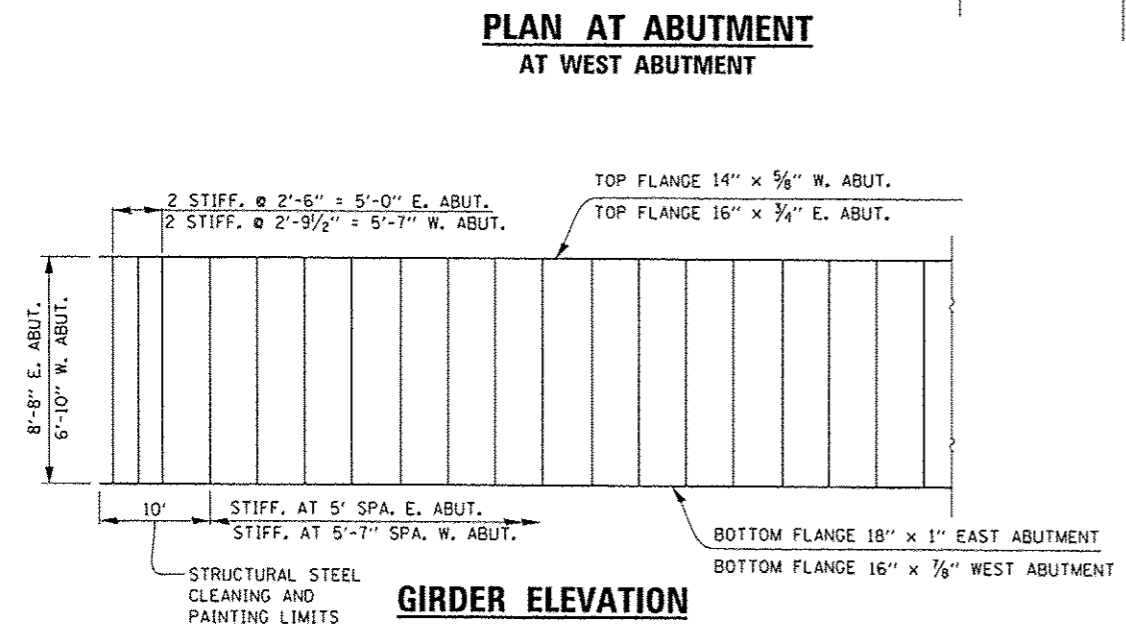
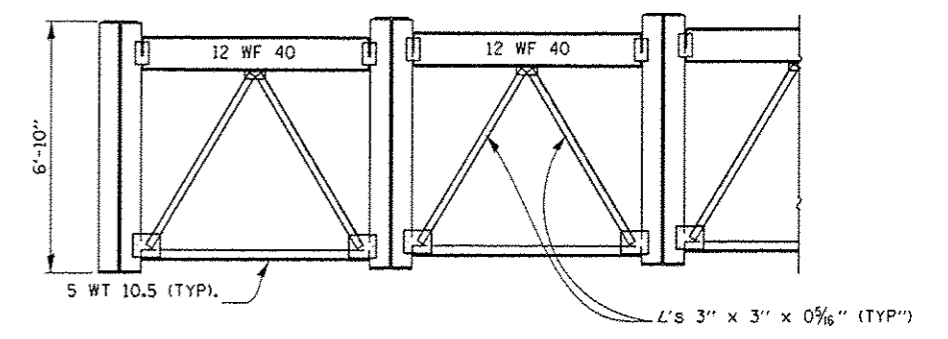
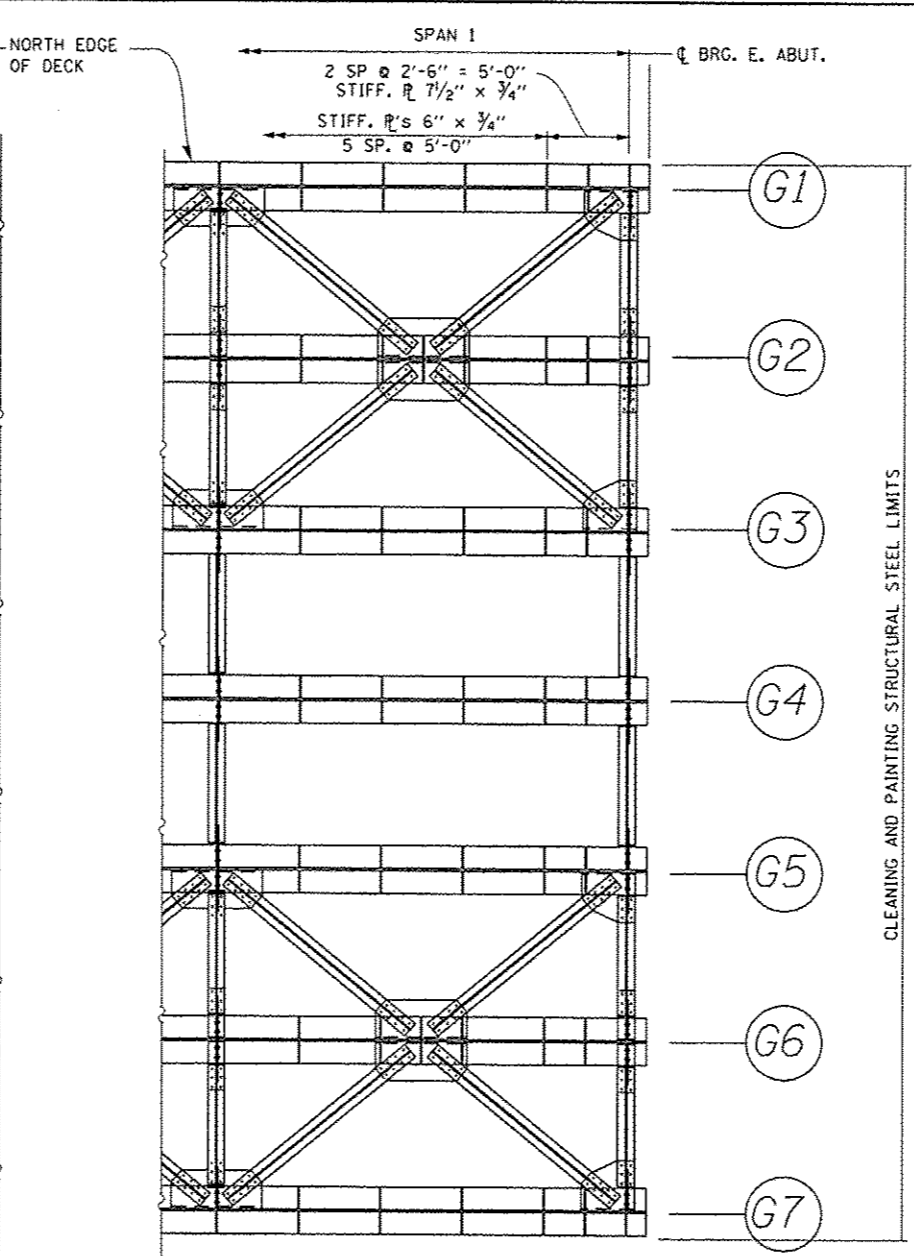
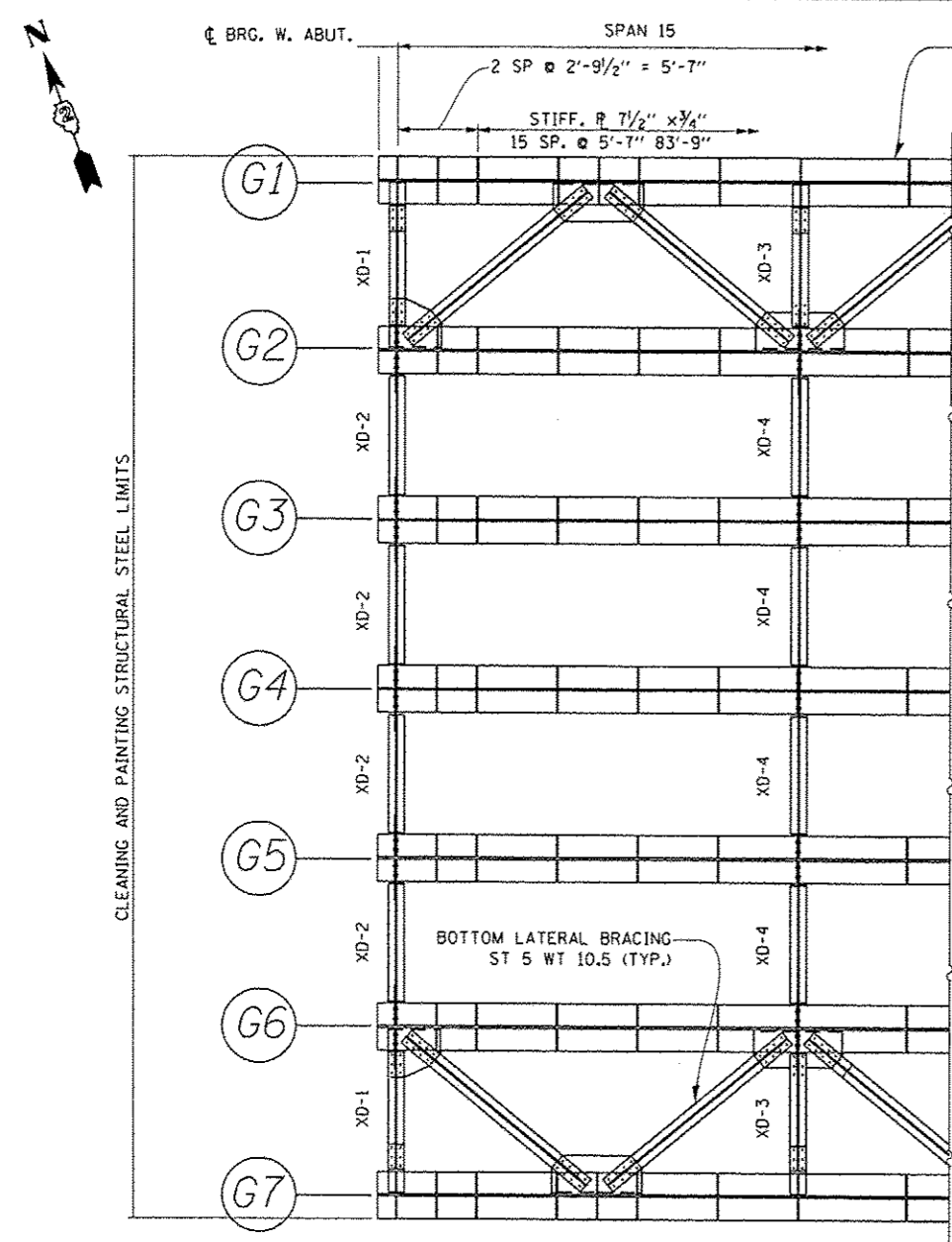


SECTION THRU OUTSIDE CURB AND PARAPET

 STRUCTURAL REPAIR OF CONCRETE LOCATIONS

- NOTES:
- EXISTING RAIL POSTS WITHIN CONCRETE REMOVAL AREAS SHALL BE REMOVED AND RESET WITH NEW ANCHOR DEVICES. SPACING OF RE-SET POSTS SHALL MATCH EXISTING SPACING.

FILE NAME :	USER NAME : woodshankr1	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB AND PARAPET DETAILS ALL SPANS - OUTSIDE AND MEDIAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\px\work\pvidot\woodshankr1\08401777\366E12-sht-details.dgn	DRAWN - ZJL	REVISED -	180			(06-3, 078-1)MBPM-2	BUREAU	12	10	
PLOT SCALE = 100,0000' / in.	CHECKED - RLW	REVISED -	CONTRACT NO. 66E12							
PLOT DATE = 12/4/2014	DATE - 8/12/14	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET 2 OF 5 SHEETS		STA. 50+17 TO STA. 80+97		



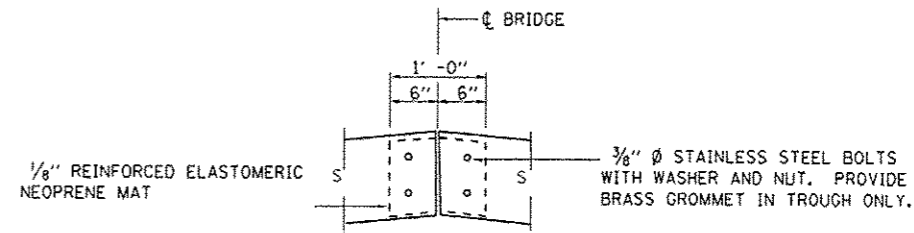
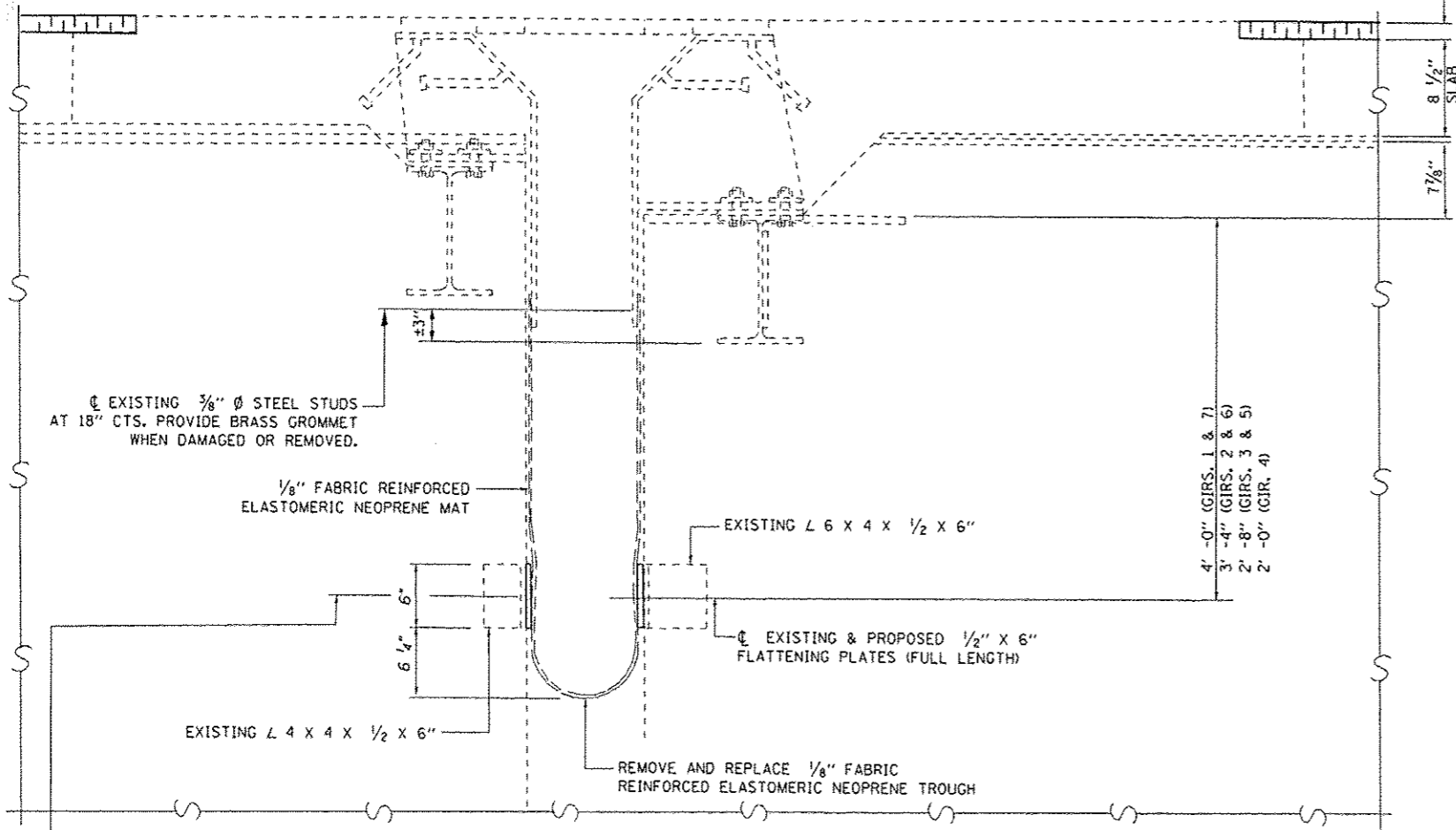
FILE NAME :	USER NAME :	DESIGNED -	REVISED -
01\pwwork\pwwork\woodshankr1\080401777\365E12-shr-detailed.dgn	woodshankr1	ZJL	
PLOT SCALE = 100.0000' / in.	CHECKED -	RLW	REVISED -
PLOT DATE = 12/1/2014	DATE -	8/6/14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS AT WEST ABUT.
FOR STRUCTURE NO. 078-0001

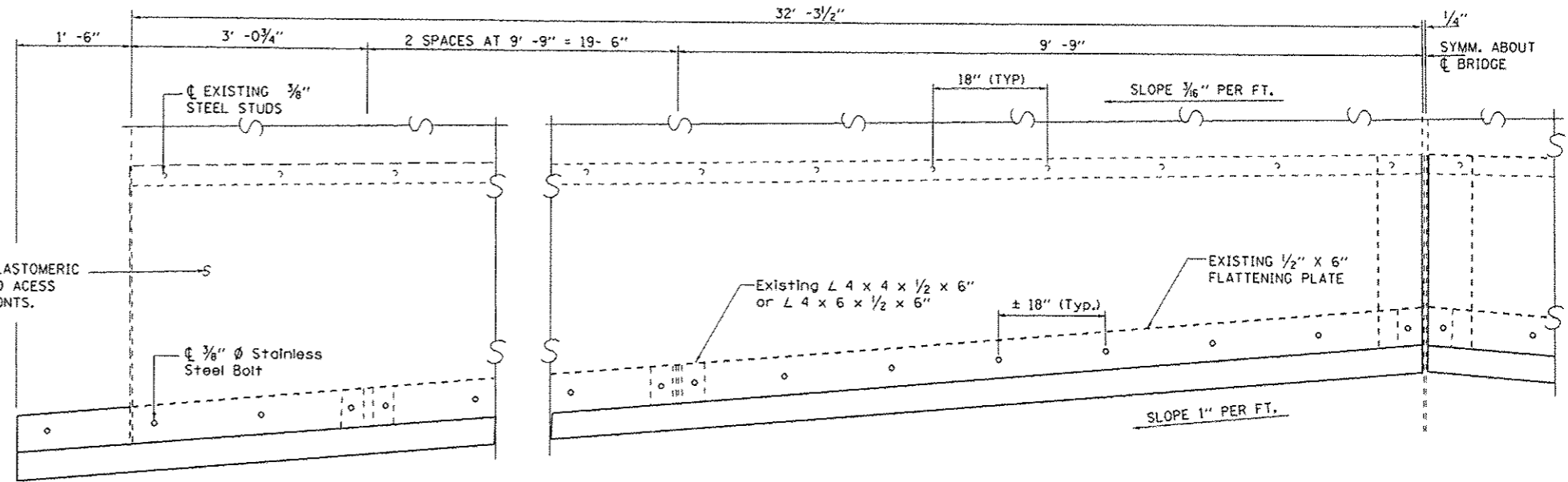
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
180	(06-3, 078-1)MBPM-2	BUREAU	12	11
CONTRACT NO. 66E12				

NEW 2" POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 AND NEW SHEET WATERPROOFING MEMBRANE SYSTEM



TROUGH SPLICE DETAIL

SECTION B-B AT PIERS 3, 6, 9 & 12



REMOVE AND REINSTALL EXISTING ELASTOMERIC NEOPRENE MATS WHEN NECESSARY TO ACCESS STRUCTURAL STEEL AT ABUTMENT JOINTS.

FILE NAME =	USER NAME = woodshenk-r1	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FINGER JOINT TROUGH DETAILS FOR STRUCTURE NO. 078-0001	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
en:\pwork\pridot\woodshenk-r1\0401777	366E12-sht-details.dgn	DRAWN - ZJL	REVISED -			180	106-3, 078-1MBPM-2	BUREAU	12	12	
	PLOT SCALE = 100.0000 1/4" = 1'	CHECKED - RLW	REVISED -			CONTRACT NO. 66E12					
	PLOT DATE = 12/4/2014	DATE - 8/6/14	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: _____	SHEET 5 OF 5 SHEETS		STA. 50+17 TO STA. 80+97			