

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 9 & FAP 68 (IL 23)	(50-3HB-1)BP & (50-4HBR)BP	LASALLE	12	1
ILLINOIS			CONTRACT NO. 66E13	

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, STANDARD 701402 (SPECIAL)
8. PAVEMENT STRIPING
- 9 - 10. EXISTING STRUCTURE PLANS FOR STRUCTURE NO. 050-0081
- 11 - 12. EXISTING STRUCTURE PLANS FOR STRUCTURE NO. 050-0216

DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAI 80 (I-80)

(50-3HB-1)BP & (50-4HBR)BP

**STRUCTURAL STEEL CLEANING AND PAINTING  
LASALLE COUNTY**

C-93-149-14

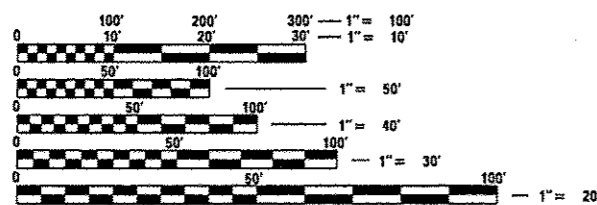
STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 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  $\leq 45$  MPH
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS  $\leq 45$  MPH
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701426-07 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS  $\leq 45$  MPH
- 701428 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701901-04 TRAFFIC CONTROL DEVICES
- 704001-07 TEMPORARY CONCRETE BARRIER



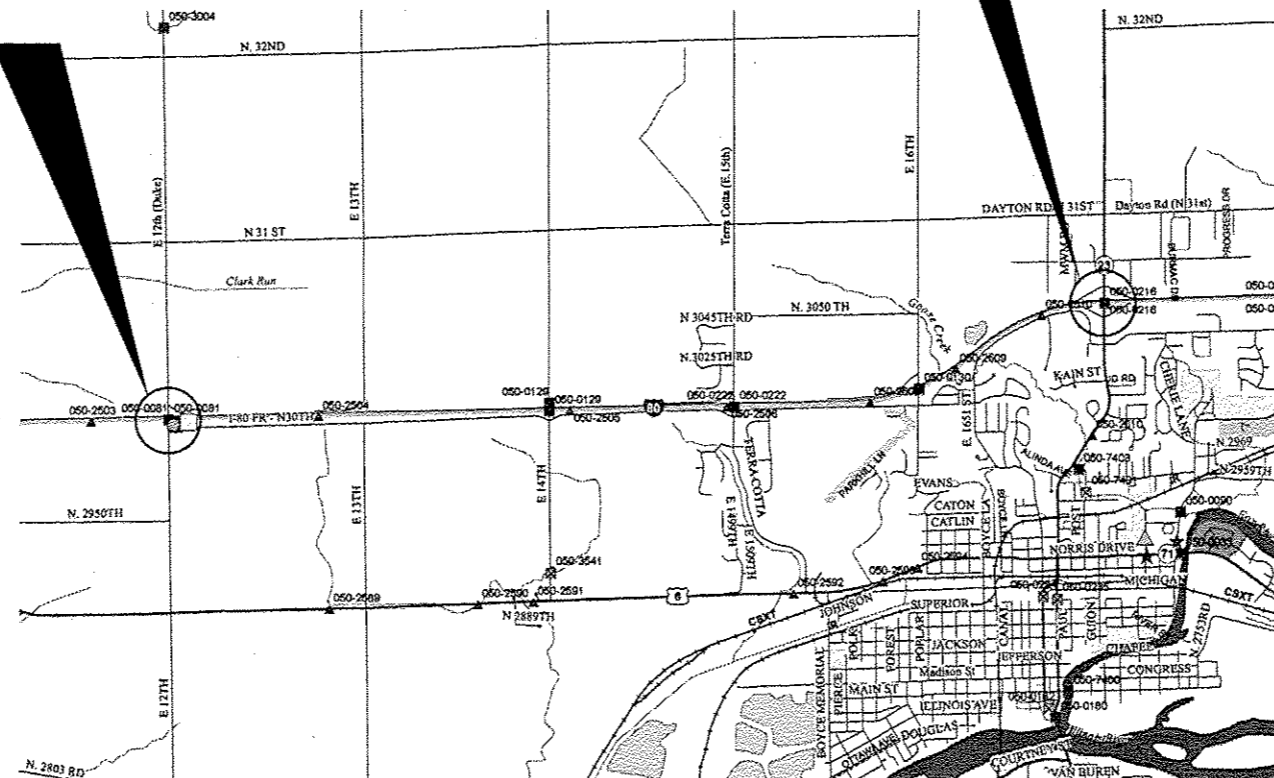
**PROJECT LOCATION 1**  
STRUCTURE NO. 050-0081  
COUNTY HIGHWAY 9  
4.0 MILES EAST OF IL 178

**PROJECT LOCATION 2**  
STRUCTURE NO. 050-0216  
FAP 68 (IL 23)  
OTTAWA INTERCHANGE



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



POINT LOCATIONS  
LOCATION MAP NOT TO SCALE

DISTRICT 3 (815) 434-6131

PROJECT ENGINEER JOE KANNEL P.E.  
UNIT CHIEF RON WOODSHANK  
TOWNSHIP OTTAWA  
CONTRACT NO. 66E13

INTERSTATE	URBAN		RURAL	
	FAI 80 (I-80)	OTHER ARTERIAL FAP 68 (IL 23)	MAJOR COLLECTOR FAS 174 (E 12TH)	
	2013	2013	2011	
ADT	30100	ADT 16500	ADT	450
P.V.	60.63%	P.V. 85.91%	P.V.	95.56%
S.U.	7.81%	S.U. 8.18%	S.U.	4.44%
M.U.	31.56%	M.U. 31.56%	M.U.	0%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 12-12 20 14

Paul Coetzee  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 30 20 15  
John D. Baranowski P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 30 20 15  
Orner Osman P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

**GENERAL NOTES**

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 Benoit*  
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: *Harold Jones*  
DISTRICT CONSTRUCTION ENGINEER

*Wayne J. Phillips*  
DISTRICT MATERIALS ENGINEER

*Bruce A. Buckner*  
DISTRICT OPERATIONS ENGINEER

FILE NAME *	USER NAME = potelyj	DESIGNED - ZJL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pvt\work\pvidat\potelyj\d0401018\0366E	3-sht details.dgn	DRAWN - ZJL	REVISED -			* (50-3NB-1)BP & (50-4NB)BP	LASALLE	12	2	
	PLOT SCALE * 1/8"=1'-0"	CHECKED - RLW	REVISED -			*CH 9 & FAP 68 (IL 23)			CONTRACT NO. 68E13	
	PLOT DATE * 12/9/2014	DATE - 8/6/14	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: _____	SHEET 1 OF 1 SHEETS		STA. _____ TO STA. _____		

RURAL		URBAN	
CONSTRUCTION CODE			
BPO		BPO	
100% STATE	100% STATE	100% STATE	100% STATE
BRIDGE	BRIDGE	BRIDGE	BRIDGE
0014	0014	0014	0014
050-0081	050-0216	050-0081	050-0216

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	050-0081	050-0216
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1	
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1		1
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2		2
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		1
70400100	TEMPORARY CONCRETE BARRIER	FOOT	350	350	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2450	1050	1400
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	7	3	4
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2736	1280	1456
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1780	880	900
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1794	863	931
X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1	1	

\* Specialty Items

Rev.

FILE NAME *	USER NAME * patelyj	DESIGNED - ZJL	REVISED -
\\pwork\pwork\patelyj\d0401010\03666	3-ehc-details.dgn	DRAWN - ZJL	REVISED -
	PLOT SCALE * 1/8"=1'-0"	CHECKED - RLW	REVISED -
	PLOT DATE * 12/9/2014	DATE - 8/6/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

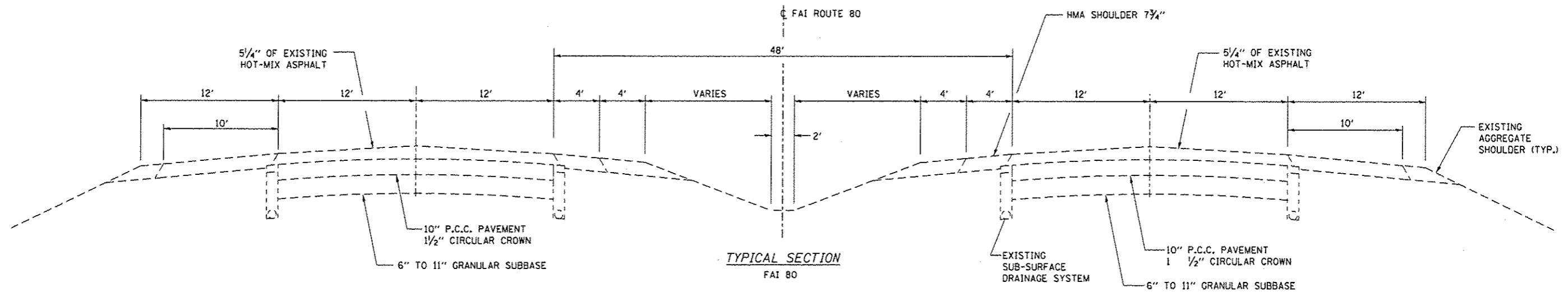
SCALE: _____	SHEET 1 OF 2 SHEETS	STA. _____ TO STA. _____	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			*	(50-3HS-1)BP & (50-4HS)BP	LASALLE	12	3
				*CH 9 & FAP 68 (IL 23)		CONTRACT NO. 66E13	
						ILLINOIS FED. AID PROJECT	

RURAL | URBAN

CONSTRUCTION CODE	
BPO 100% STATE	BPO 100% STATE
BRIDGE 0014	BRIDGE 0014
050-0081	050-0216

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
X5067502	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2	L SUM	1		1
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	1	1	
X7010410	SPEED DISPLAY TRAILER	CAL MO	1	1	
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1	
Z0007114	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES	L SUM	1		1

5  
•SPECIALITY ITEMS



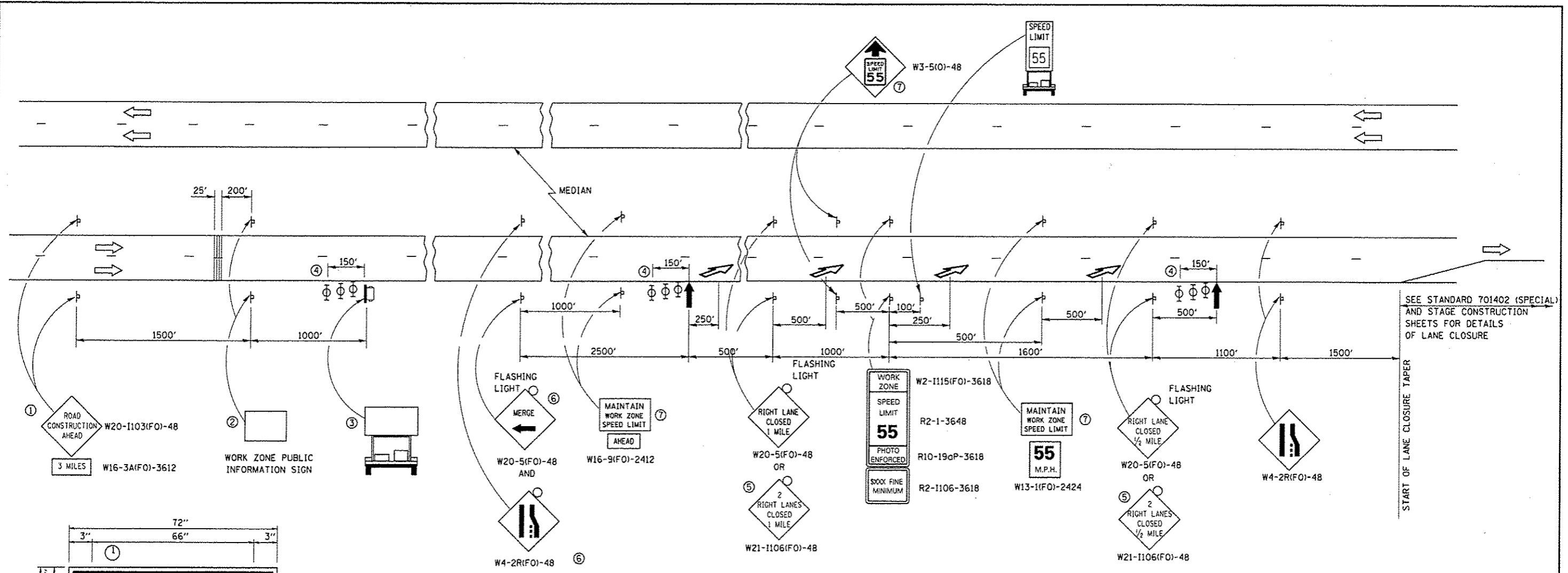
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	PLOT SCALE = 1/8" = 1'-0"	CHECKED - RLW	REVISED -
	PLOT DATE = 12/9/2014	DATE - 8/6/14	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

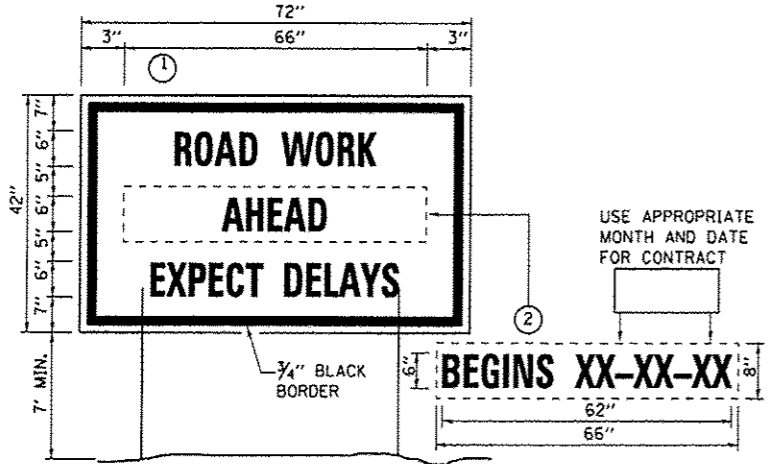
SCALE: \_\_\_\_\_ SHEET 1 OF 1 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(50-3HB-1HP & (50-4HB)BP	LASALLE	12	5
*CH 9 & FAP 68 (IL 23)			CONTRACT NO. 66E13	
ILLINOIS FED. AID PROJECT				



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

START OF LANE CLOSURE TAPER

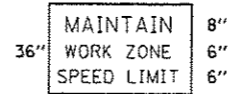


**TEMPORARY INFORMATION SIGNING**

- 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 SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ 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.

- 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 DISPLAY TRAILER

**GENERAL NOTE:**

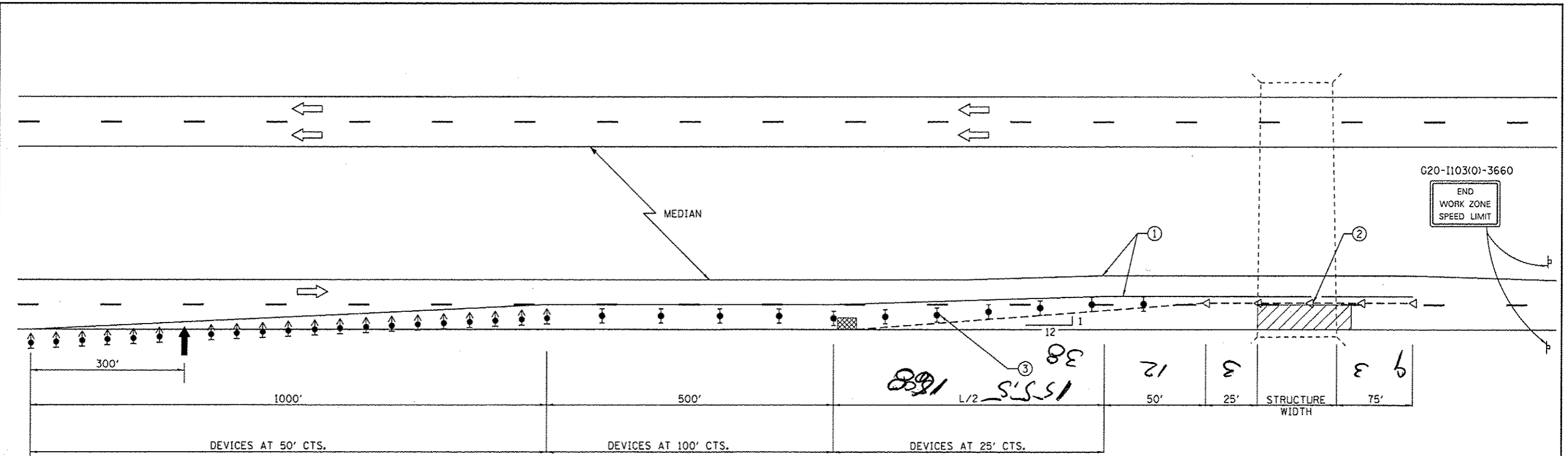
THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

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

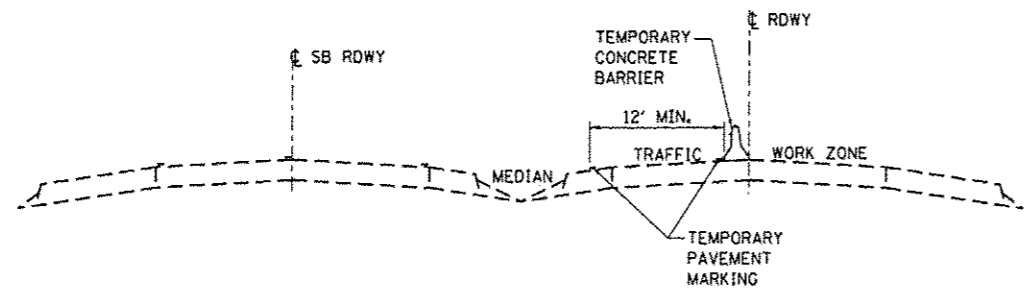
THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

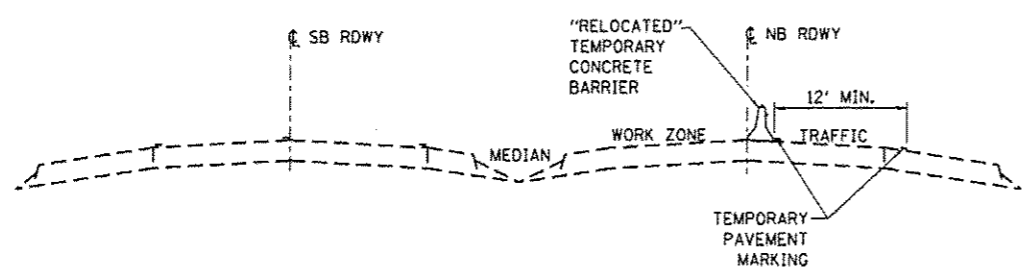
FILE NAME : o:\pw\work\pids\potelyj\d8401810\0366E	USER NAME : potelyj 3-shd:details.dgn	DESIGNED - R WOODSHANK DRAWN - R WOODSHANK	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION STANDARD 701400 (SPECIAL)	RTE. * (50-3HB-1BP & (50-4HB1BP *CH 9 & FAP 68 (IL 23)	SECTION LASALLE	COUNTY LASALLE	TOTAL SHEETS 12	SHEET NO. 6	CONTRACT NO. 66E13
MODEL NAME:	PLOT SCALE * 1/8"=1'-0" / in. PLOT DATE * 12/9/2014	CHECKED - Y. PATEL DATE - 4/3/2014	REVISED - REVISED -	SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT				



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 CONCRETE 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 ENCRUCH 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.

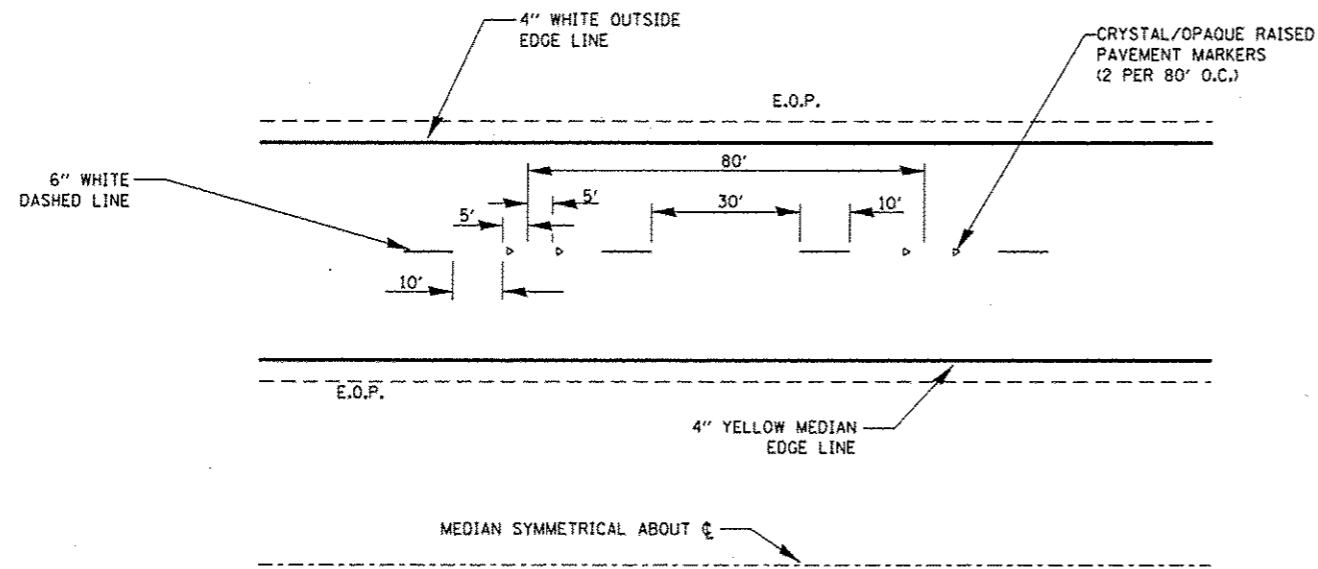
WHEN WORK IS BEING PERFORMED IN THE LEFT LANE, THE SET UP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.

TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

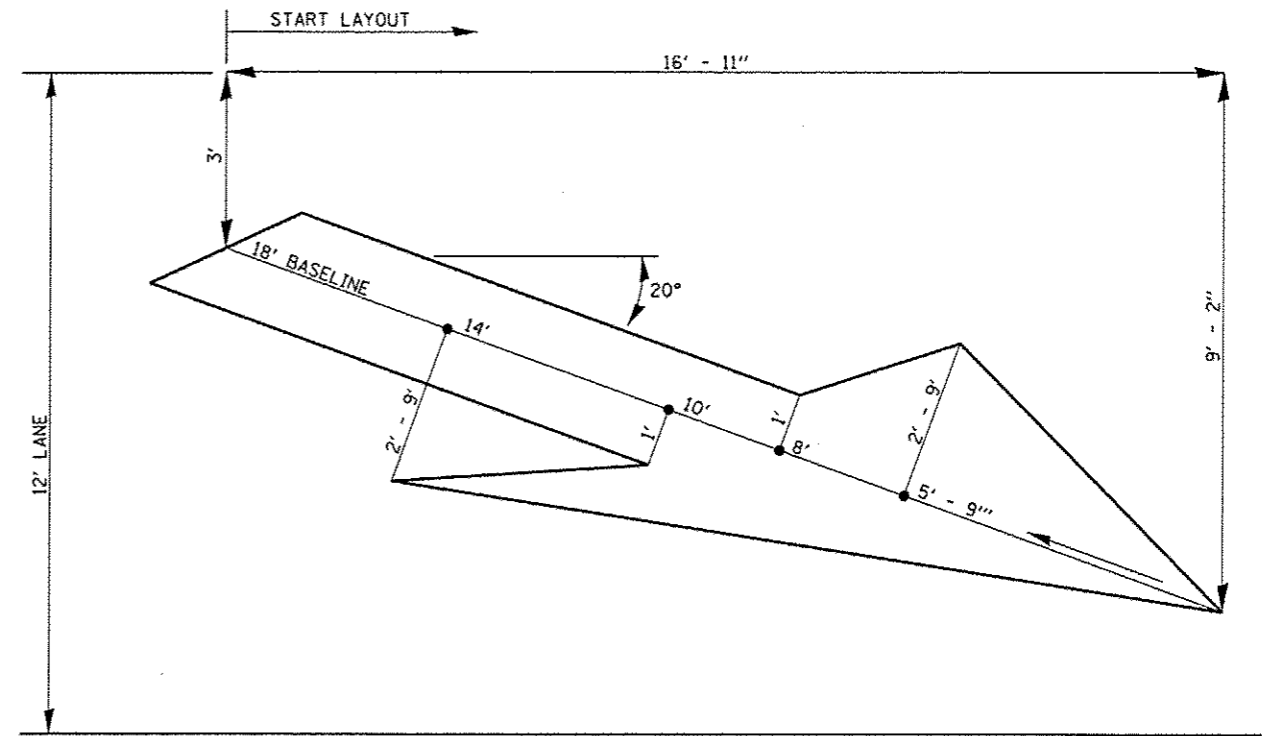
CALCULATE L AS FOLLOWS:

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 * potelyj	DESIGNED - ZJL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION STANDARD 701402 (SPECIAL)</b>	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pvidot\potelyj\d0401818\0366E	D-shr-details.dgn	DRAWN - ZJL	REVISED -			* (50-3HB-11BP & (50-4HB1BP	LASALLE	12	7	
		CHECKED - RLW	REVISED -			*CH 9 & FAP 68 (IL 23)			CONTRACT NO. 66E13	
		DATE - 8/6/14	REVISED -			[ILLINOIS] FED. AID PROJECT				
PLOT SCALE * 1/8" = 1' / 31.75'				SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. _____	TO STA. _____			



**TYPICAL PAVEMENT MARKINGS**



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

FILE NAME =	USER NAME = potalyj	DESIGNED - ZJL	REVISED -
c:\pwork\pwidot\potalyj\d0401018\03666	3-shc-detailed.dgn	DRAWN - ZJL	REVISED -
	PLT SCALE = 100.0000 1 / in.	CHECKED - RLW	REVISED -
	PLT DATE = 12/9/2014	DATE = 8/6/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING**

SCALE: \_\_\_\_\_ SHEET NO. 1 OF 1 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(50-3HB-1)BP & (50-4HB)BP	LASALLE	12	8
*CH 9 & FAP 68 (IL 23)			CONTRACT NO. 66E13	
ILLINOIS FED. AID PROJECT				

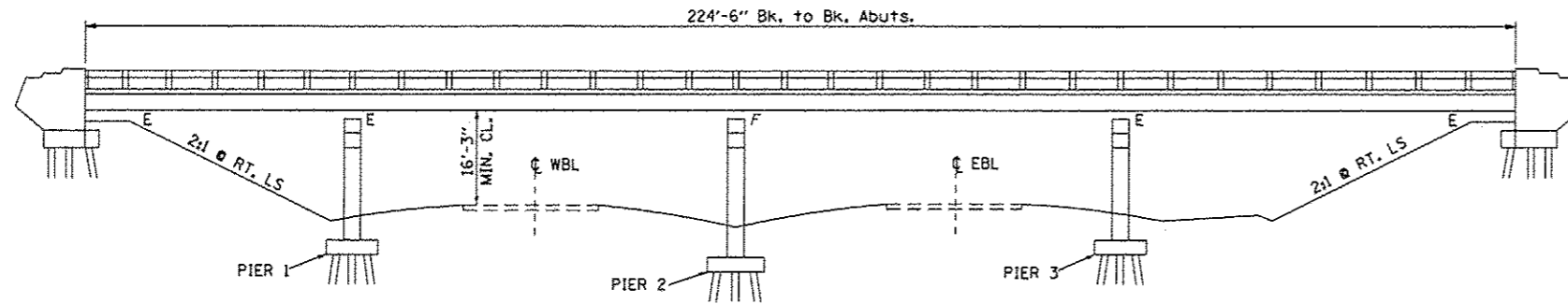


**GENERAL NOTES**

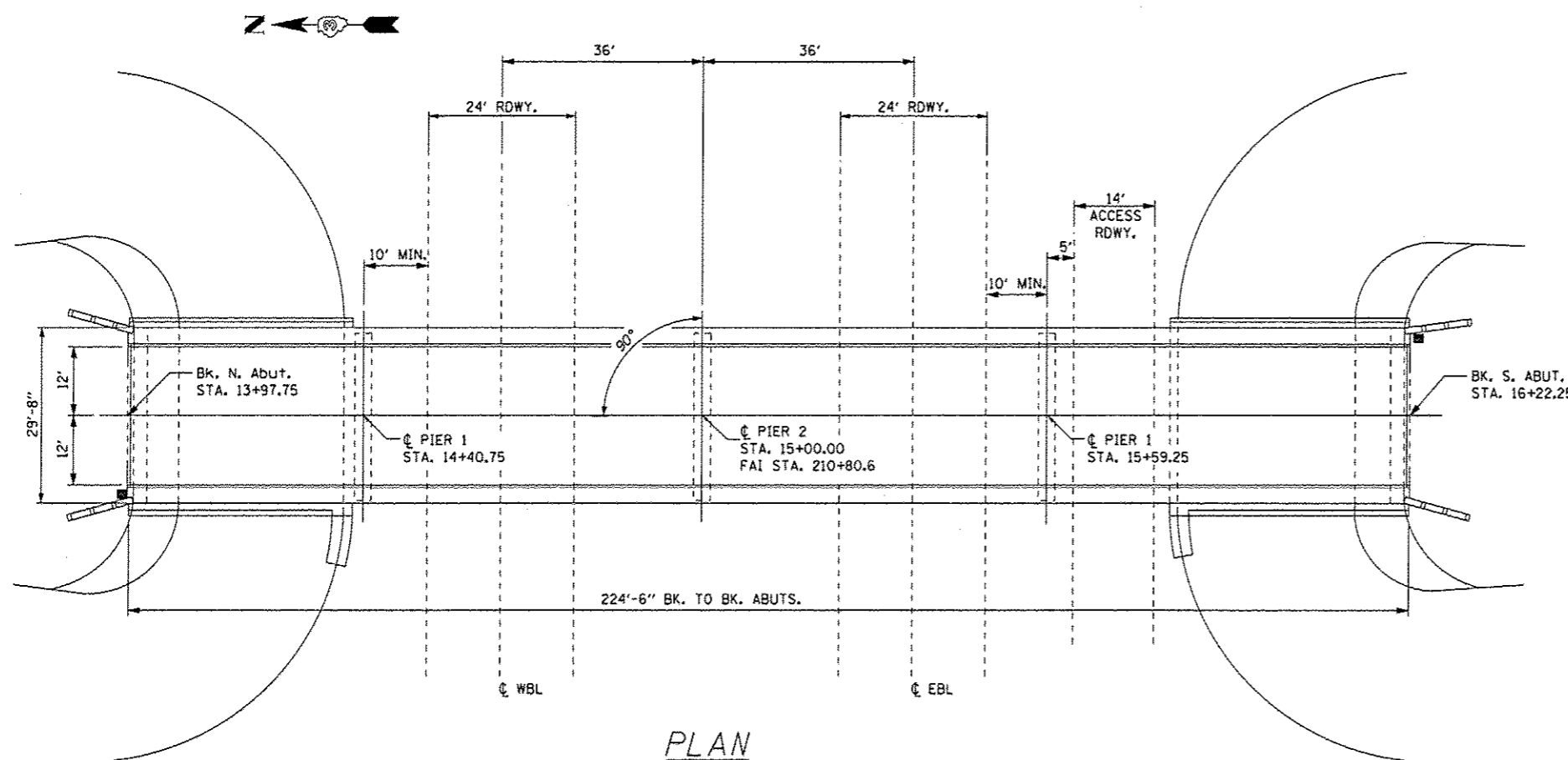
1. STRUCTURE NO. 050-0081 SHALL BE DESIGNATED AS "LOCATION 1".
2. ESTIMATED AREA OF STRUCTURAL STEEL = 9,862 SQ FT.
3. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW 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 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".)
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.
  - c) 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 WITH THE FOLLOWING EXCEPTION.
    - 1) EXISTING "HANDRAIL" STEEL SHALL NOT BE CLEANED AND PAINTED UNDER THIS CONTRACT.
    - d) 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.

**TOTAL BILL OF MATERIAL**

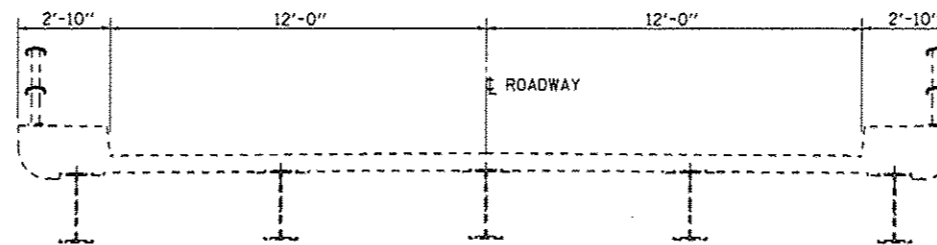
ITEM	UNIT	050-0081	TOTAL
CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1
BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1	1



**ELEVATION**



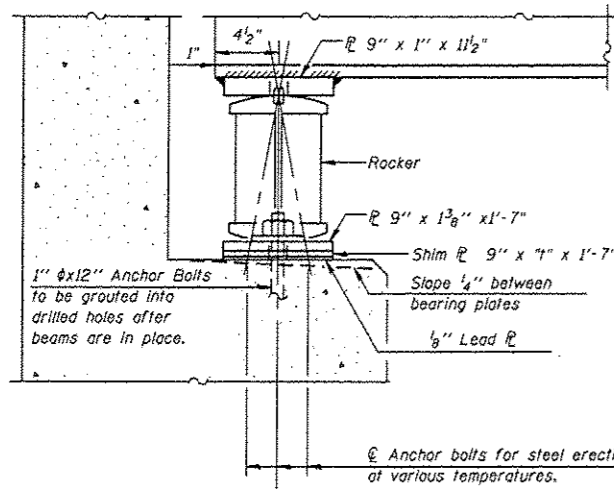
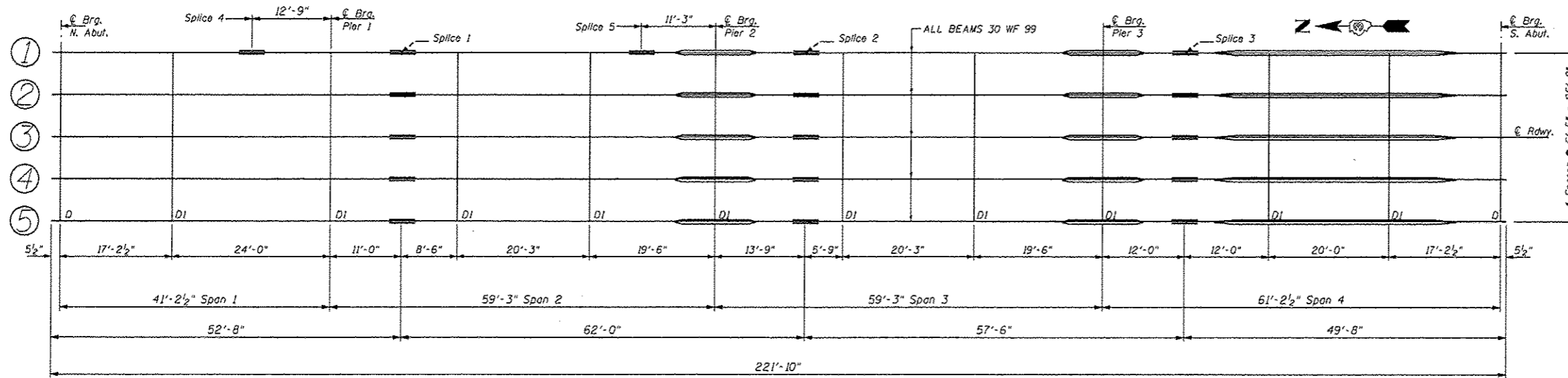
**PLAN**



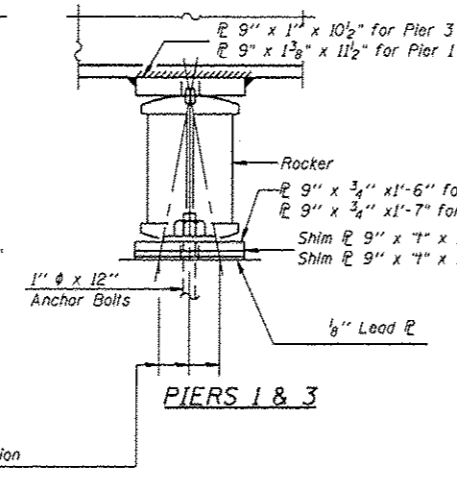
**CROSS SECTION**

FILE NAME *	USER NAME * potelyj	DESIGNED - ZJL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING STRUCTURE PLANS FOR LOCATION 1 STRUCTURE NO. 050-0081</b>	SCALE: _____	SHEET 1 OF 2 SHEETS	STA. _____ TO STA. _____	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\potelyj\d2401818\03666	3-shr-deta1.dgn	DRAWN - ZJL	REVISED -			* (50-3HB-198P & 450-4HB198P	LASALLE	12	9			
		CHECKED - RLW	REVISED -			*CH 9 & FAP 68 (IL 23)						
		DATE - 8/6/14	REVISED -						CONTRACT NO. 66E13			

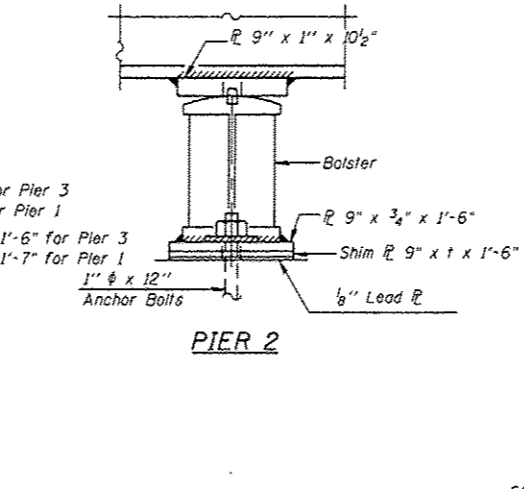
ILLINOIS FED. AID PROJECT



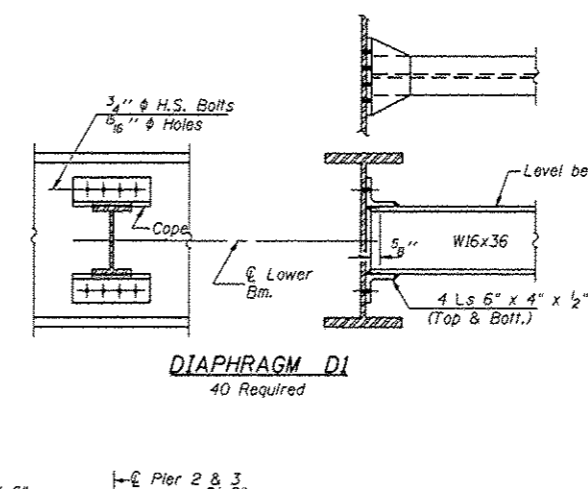
SECTION AT ABUTMENT



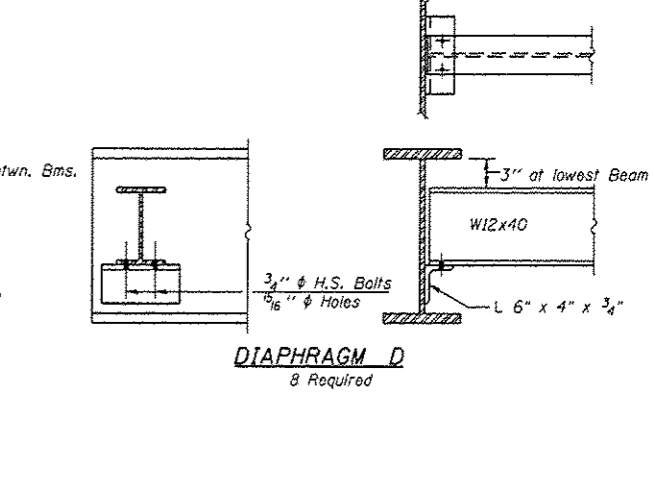
PIERS 1 & 3



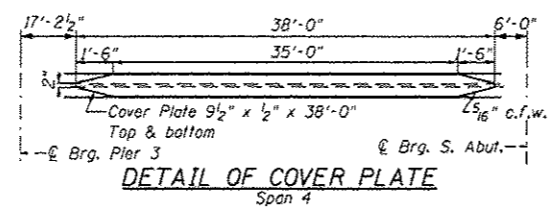
PIER 2



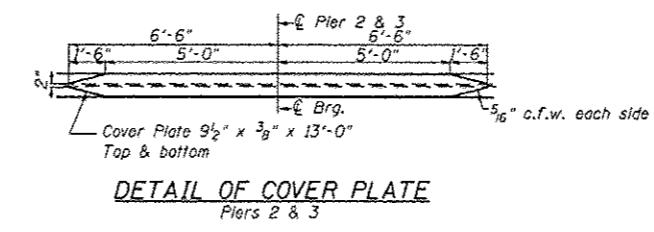
DIAPHRAGM D1  
40 Required



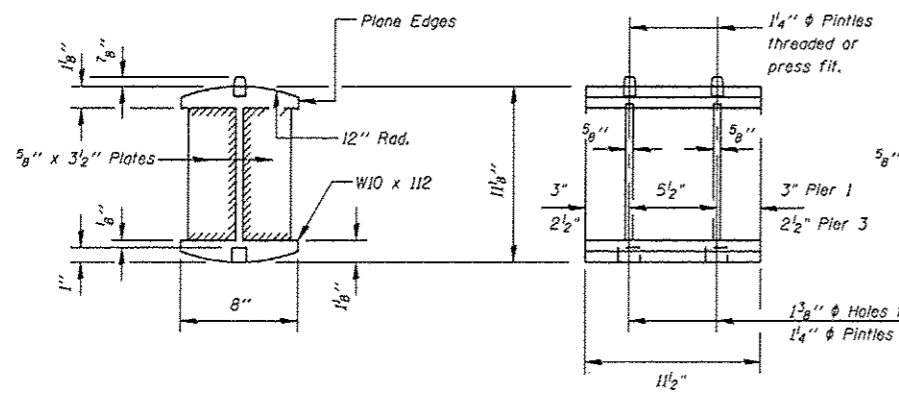
DIAPHRAGM D  
8 Required



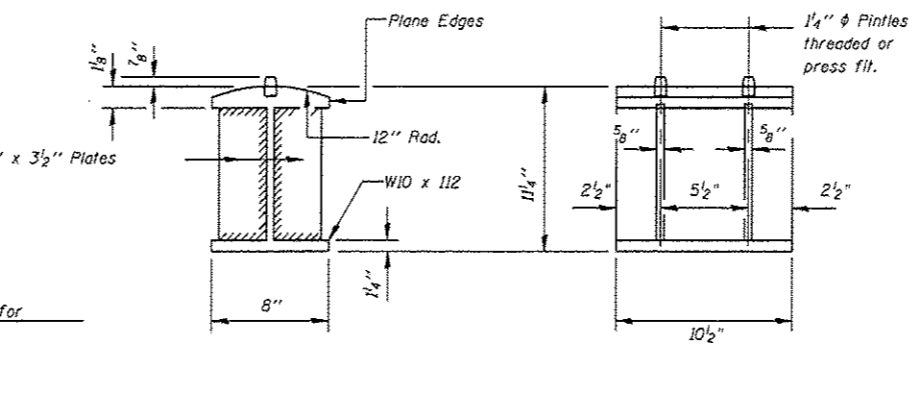
DETAIL OF COVER PLATE  
Span 4



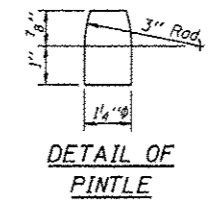
DETAIL OF COVER PLATE  
Piers 2 & 3



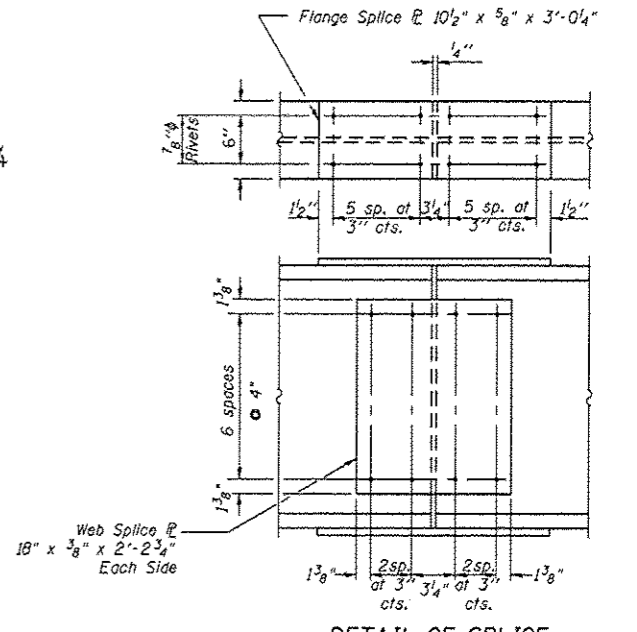
DETAIL OF ROCKER  
AT PIERS 1 & 3 & ABUTS.



DETAIL OF BOLSTER  
AT PIER 2

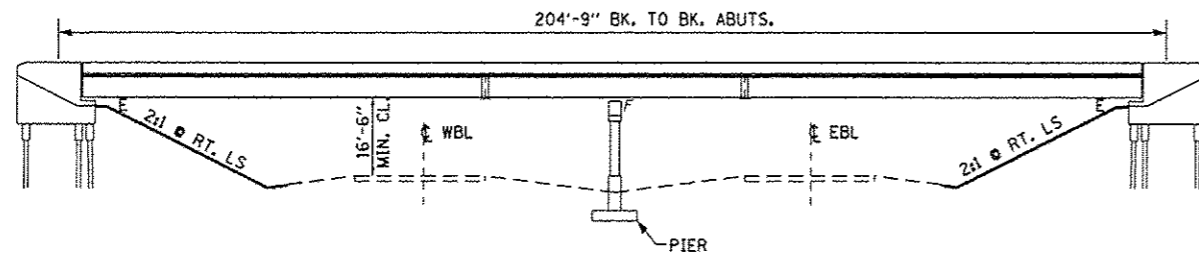


DETAIL OF  
PINTLE

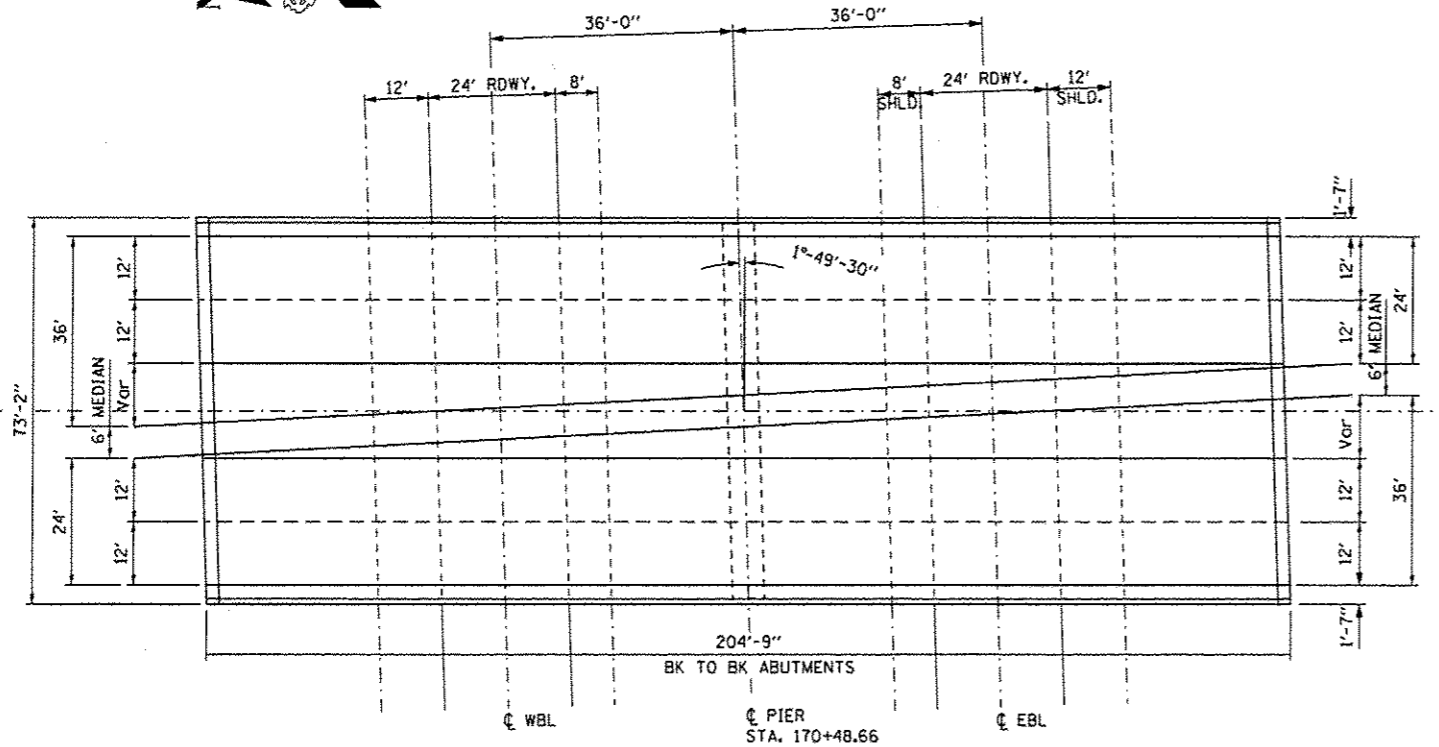


DETAIL OF SPLICE

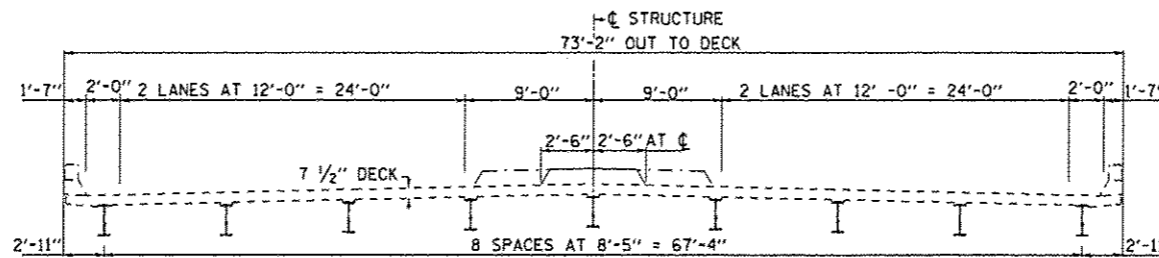
FILE NAME *	USER NAME * patelyj	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE PLANS FOR STRUCTURE NO. 050-0081	RTS.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
as:\pwork\pvidot\patelyj\d0401010\0366E	3-shs-details.dgn	DRAWN - ZJL	REVISED -			* (ISO-3HB-1BP & ISO-4HB1BP)	LASALLE	12	10	
PLOT SCALE * 1/8"=1'-0"		CHECKED - RLW	REVISED -			*CH 9 & FAP 68 (IL 23)			CONTRACT NO. 66E13	
PLOT DATE * 12/9/2014		DATE - 8/6/14	REVISED -			SCALE: _____ SHEET 2 OF 2 SHEETS STA. _____ TO STA. _____			ILLINOIS FED. AID PROJECT	



ELEVATION



PLAN



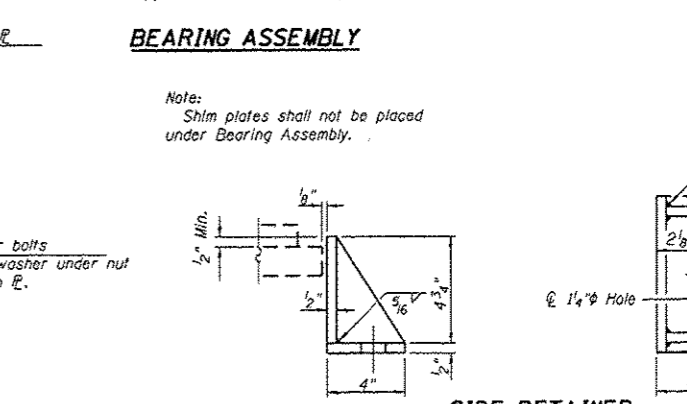
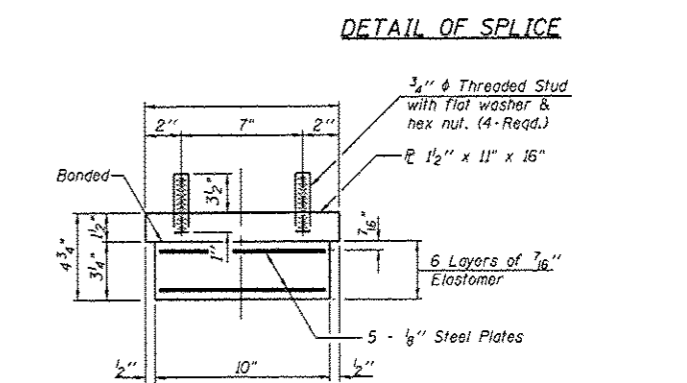
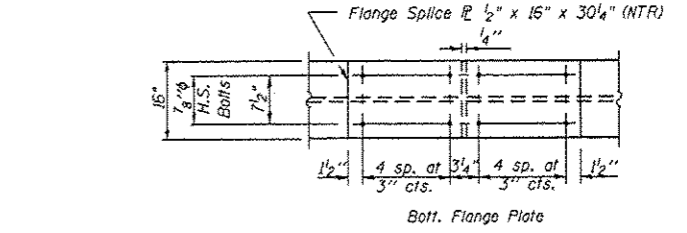
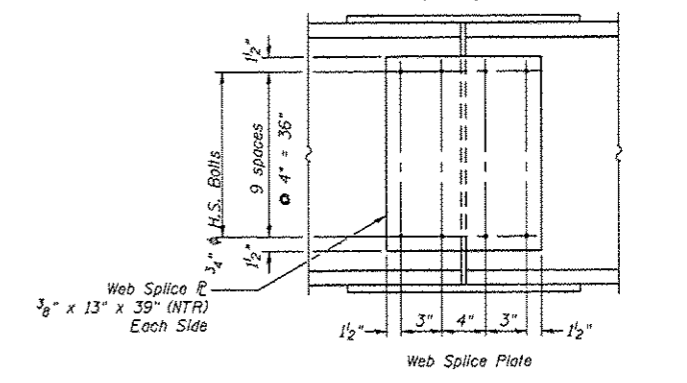
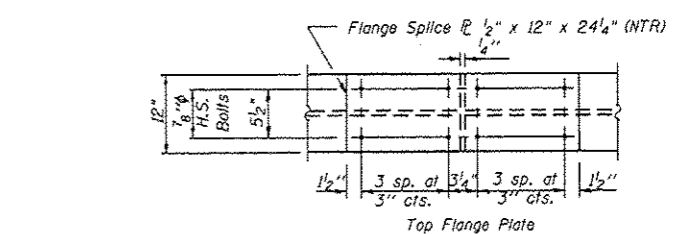
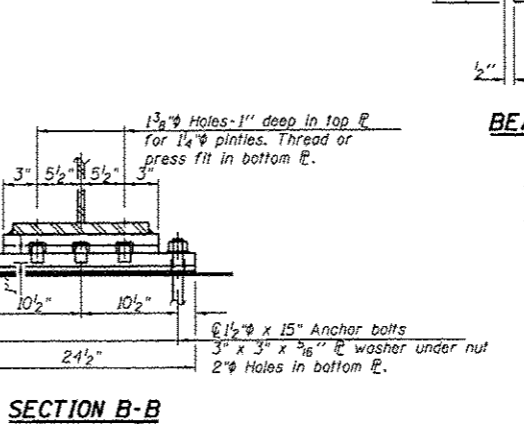
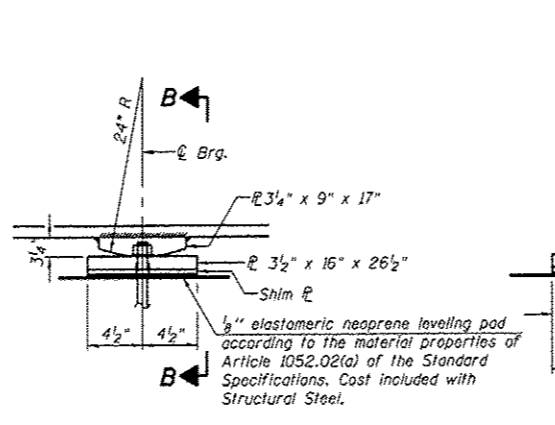
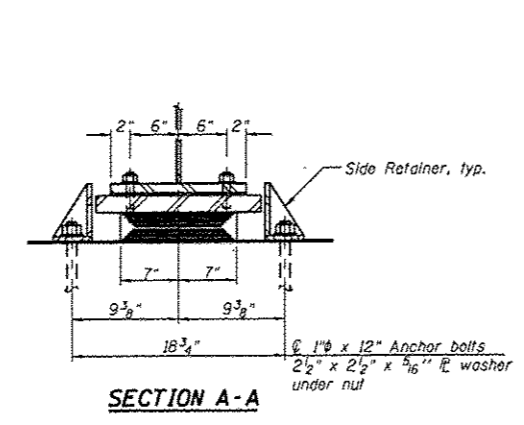
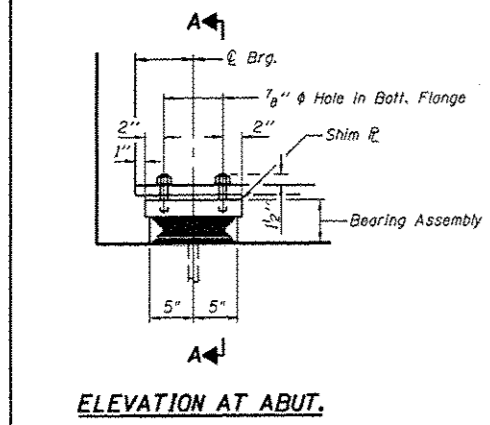
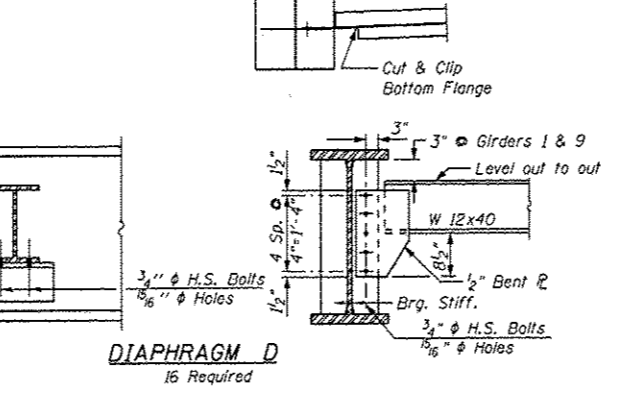
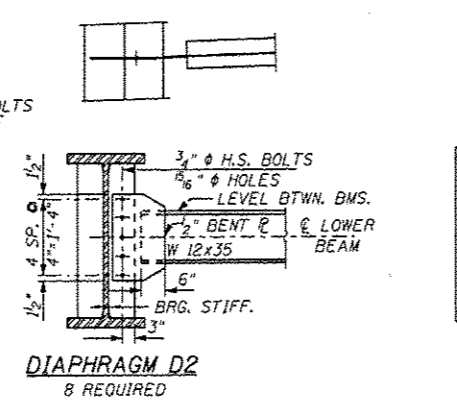
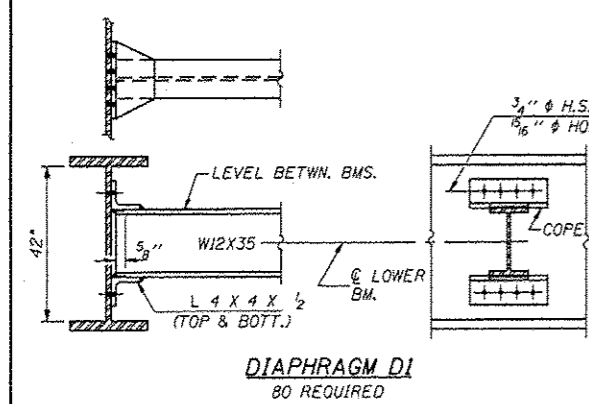
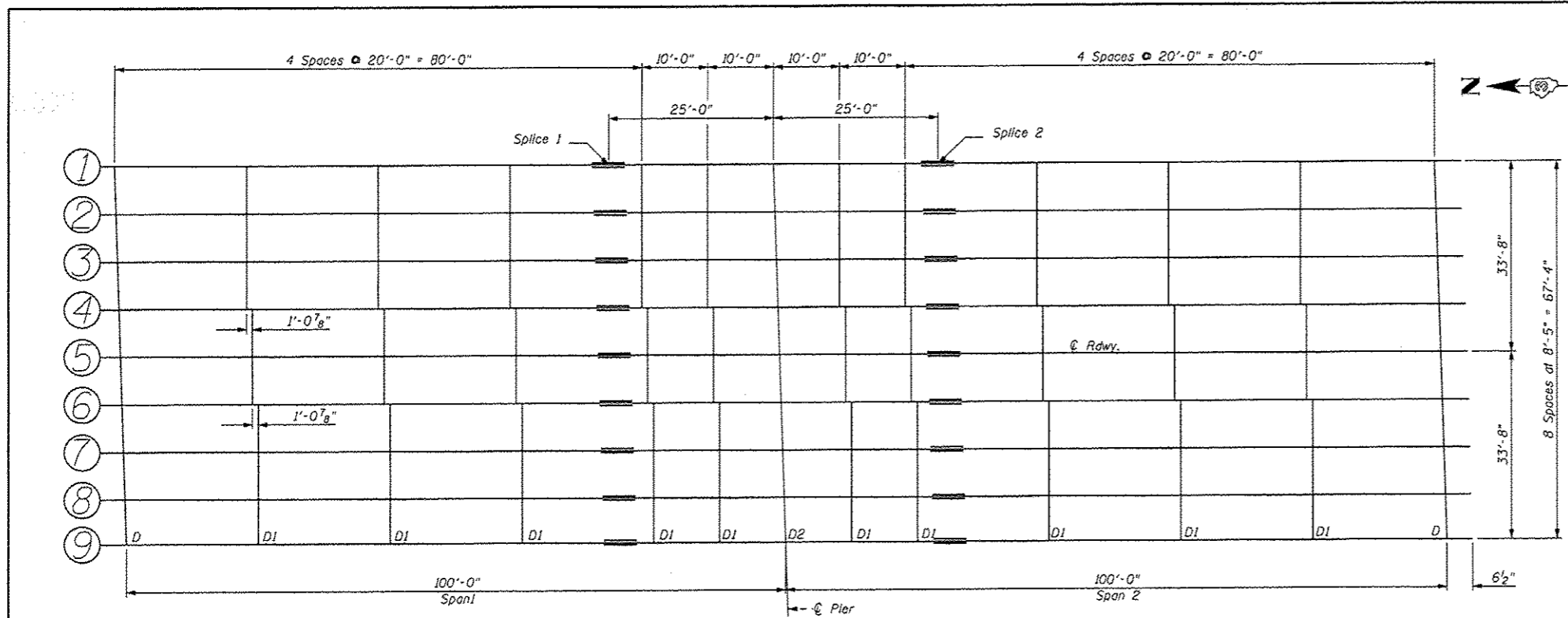
CROSS SECTION

GENERAL NOTES

1. STRUCTURE NO. 050-0216 SHALL BE DESIGNATED AS "LOCATION 2".
2. ESTIMATED AREA OF STRUCTURAL STEEL = 23,221 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. AIR MONITORS SHALL NOT BE REQUIRED FOR THIS LOCATION.
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 HAS REMOVED THE WASTE NON-LEAD PAINT RESIDUE MATERIALS FROM THE JOB SITE ACCORDING TO ALL FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES IF THE CONTRACTOR FAILS TO DISPOSES OF THE NON-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.

TOTAL BILL OF MATERIAL

ITEM	UNIT	050-0216	TOTAL
CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1	1
CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES	L SUM	1	1
BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2	L SUM	1	1



**TYPE I ELASTOMERIC EXP. BRG. - ABUTS.**

**FIXED BEARING - PIER**

FILE NAME	USER NAME = patselyj	DESIGNED - Z.J.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING STRUCTURE PLANS FOR STRUCTURE NO. 050-0216</b>	RTI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pwork\pwork\patselyj\04041810\0206E	3-sht-details.dgn	DRAWN - Z.J.	REVISED -			• (50-3HB-1BP & (50-4HB)BP	LASALLE	12	12	
		CHECKED - RLW	REVISED -			• CH 9 & FAP 68 (IL 23)			CONTRACT NO. 66E13	
		DATE - 8/6/14	REVISED -			ILLINOIS FED. AID PROJECT				