

I-80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(50-3HB-3)BP	LASALLE	10	1
		ILLINOIS	CONTRACT NO. 66E87	

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. PAVEMENT STRIPING
- 8-10. STRUCTURE PLANS FOR STRUCTURE NO. 050-0130

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

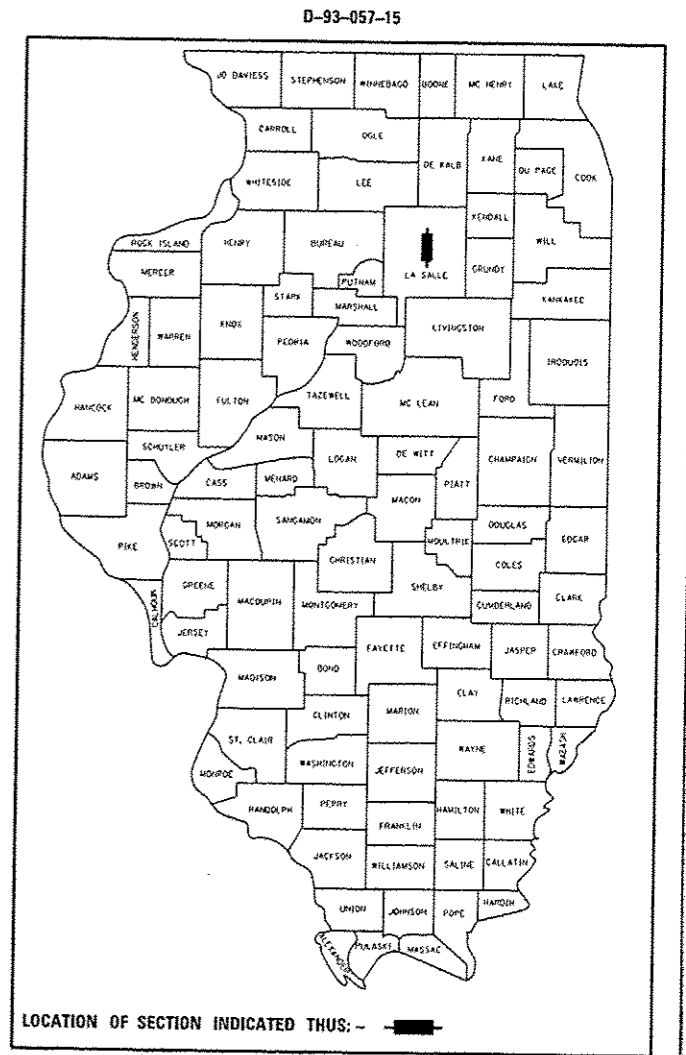
F.A.I. 80 (I-80)
T.R. ROUTE 284 (E 16th RD)
SECTION (50-3HB-3)BP

**STRUCTURAL STEEL CLEANING AND PAINTING
LASALLE COUNTY**

C-93-119-15

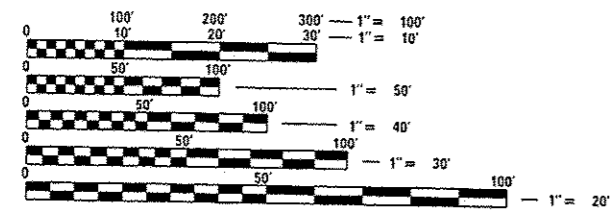
STANDARDS

- | | |
|-----------|---|
| 000001-08 | 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 |
| 701428 | TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY |
| 701901-04 | TRAFFIC CONTROL DEVICES |
| 704001-07 | TEMPORARY CONCRETE BARRIER |



LOCATION OF SECTION INDICATED THUS:

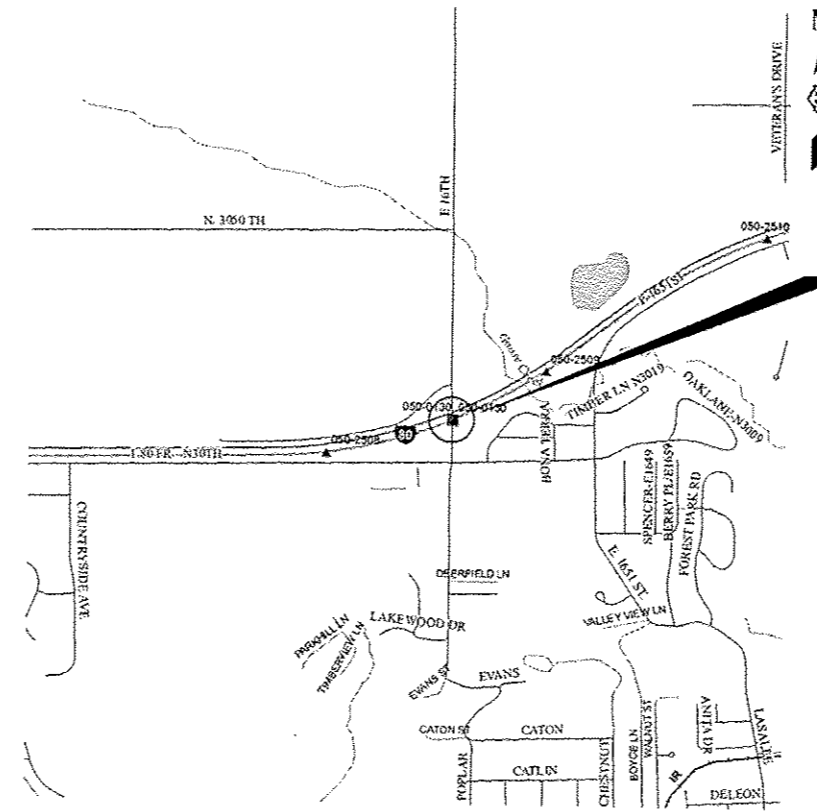
URBAN		URBAN	
MAJOR COLLECTOR		INTERSTATE	
T.R. 284		F.A.I. 80	
2011		2013	
ADT	1050	ADT	28200
P.V.	96.38%	P.V.	59.4%
S.U.	2.86%	S.U.	3.72%
M.U.	0.76%	M.U.	36.88%



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: OTTAWA
CONTRACT NO. 66E87



PROJECT LOCATION
S.N. 050-0130
STA. 56 + 16.00
OVER I-80
1.12 MILES WEST
OF IL 23 (OTTAWA)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

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

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

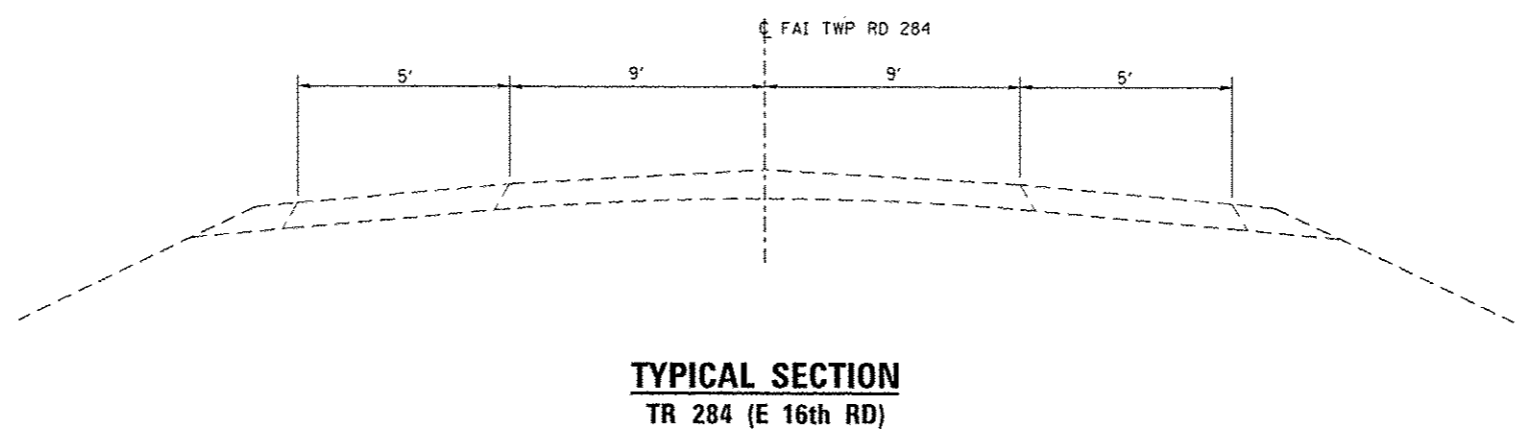
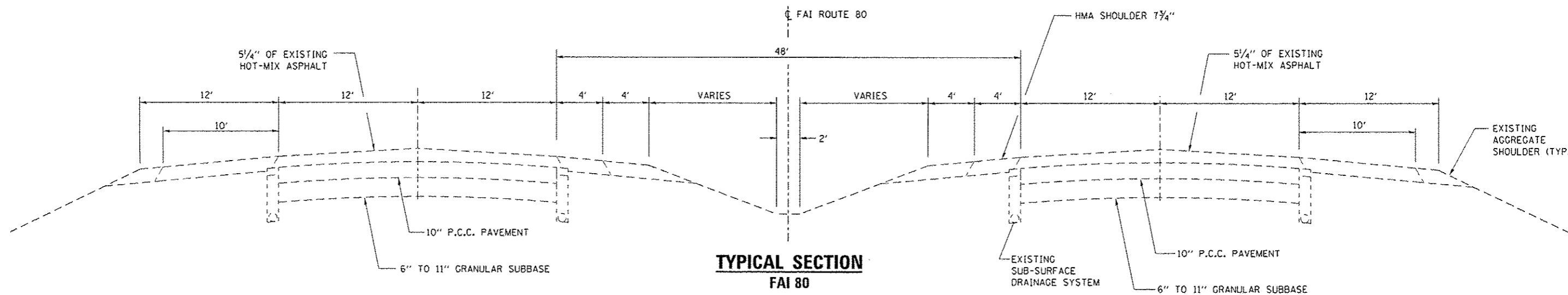
Dec 4 2015
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

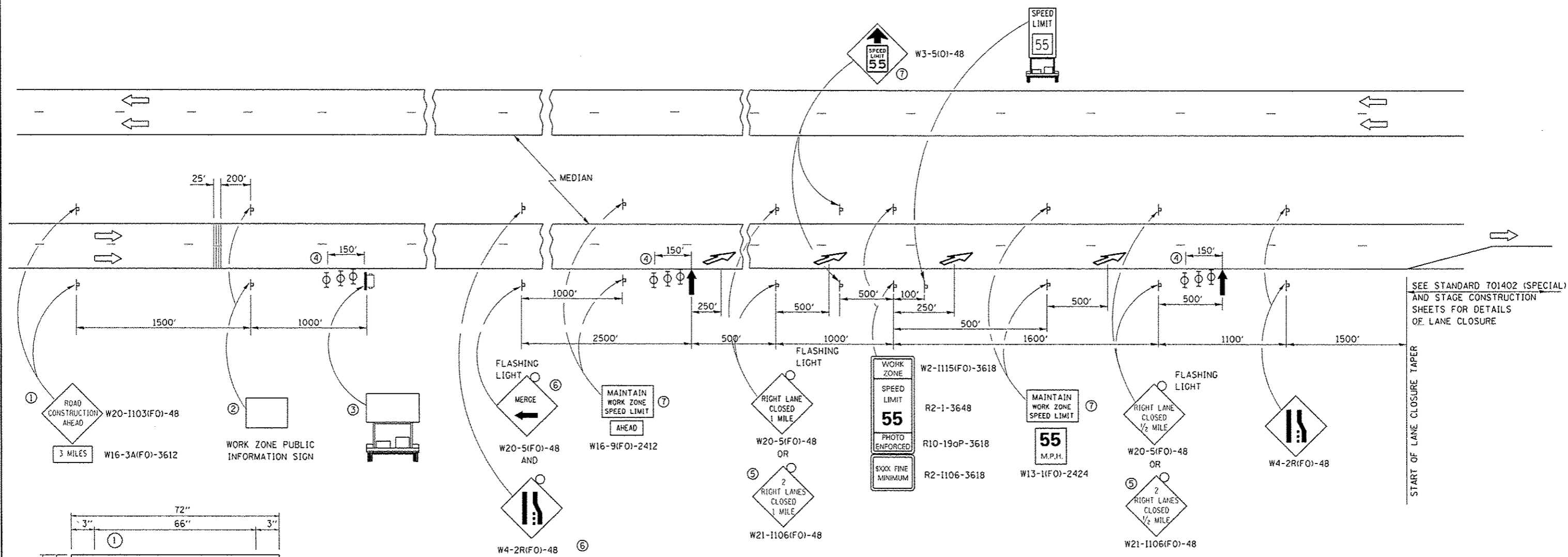
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BPO 100% STATE BRIDGE 0014 050-0130
20010501	CLEANING AND PAINTING STEEL BRIDGE , NO.1	LSUM	1	1
67100100	MOBILIZATION	LSUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	3
70800105	TEMPORARY WATER FILLED BARRIER	FOOT	300	300
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	650	650
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	440	440
78300100	PAVEMENT MARKING REMOVAL	SQ FT	470	470
X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	LSUM	1	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1
X7010410	SPEED DISPLAY TRAILER	CAL MO	1	1
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	LSUM	1	1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

14
*SPECIALITY ITEMS

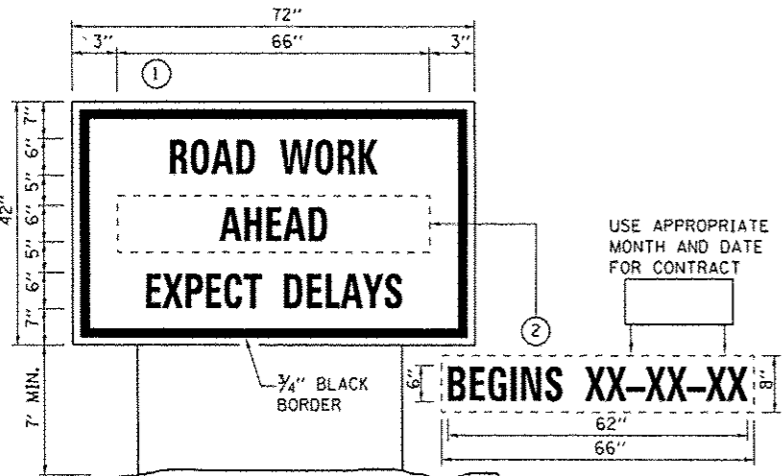
FILE NAME =	USER NAME = woodshankr1	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
path: \\IL084E810\NTEG\illinois.gov\PH00T\Documents\1001 Offices\District 3\Projects\0366\DRAWN\0366\ZJL\ht-details.dgn	PLLOT SCALE = 100.0000 / in.	CHECKED - RW	REVISED -						284	(50-3HB-31BP)	LASALLE	10	3
Default	PLLOT DATE = 10/28/2015	DATE - 7/20/15	REVISED -		SCALE: _____	SHEET 1	OF 1	SHEETS	STA. _____	TO STA. _____	ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66E87													



FILE NAME : p:\11\1184\EGID\EGID\Illinois.gov\PI\DOT\Documents\DOT Offices\District 3\Projects\036	USER NAME : woodshankr1	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		T.R. RTE. 284	SECTION 150-3HB-3IBP	COUNTY LASALLE	TOTAL SHEETS 10	SHEET NO. 4
	CONTRACT NO. 66E87	CONTRACT NO. 66E87	ILLINOIS FED. AID PROJECT								
PLOT SCALE = 100.0000 / 1 in.	CHECKED - RW	DATE - 7/20/15	REVISED -		SCALE: _____	SHEET 1 OF 1 SHEETS	STA. _____ TO STA. _____				
PLOT DATE = 10/28/2015	DATE - 7/20/15	REVISED -	REVISED -								



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

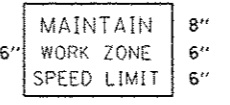


TEMPORARY INFORMATION SIGNING

- 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 SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO 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 DISPLAY TRAILER

GENERAL NOTE:

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

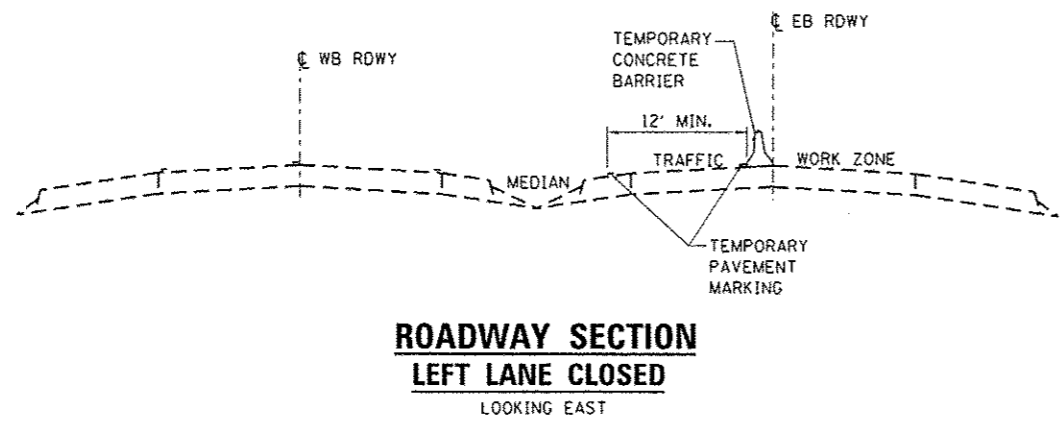
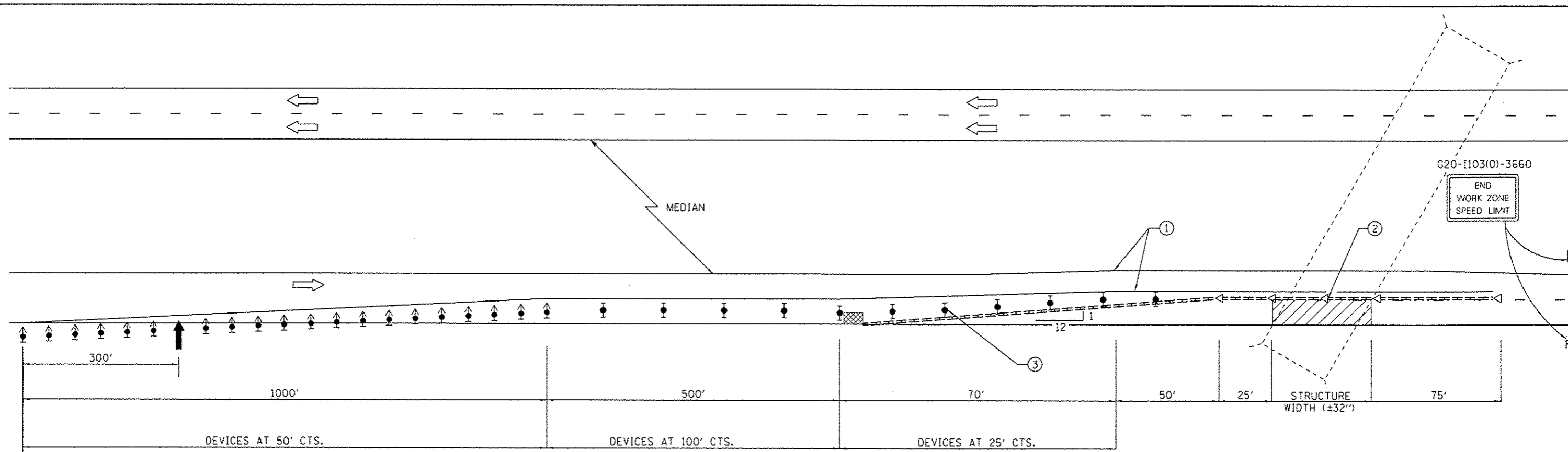
WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

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).

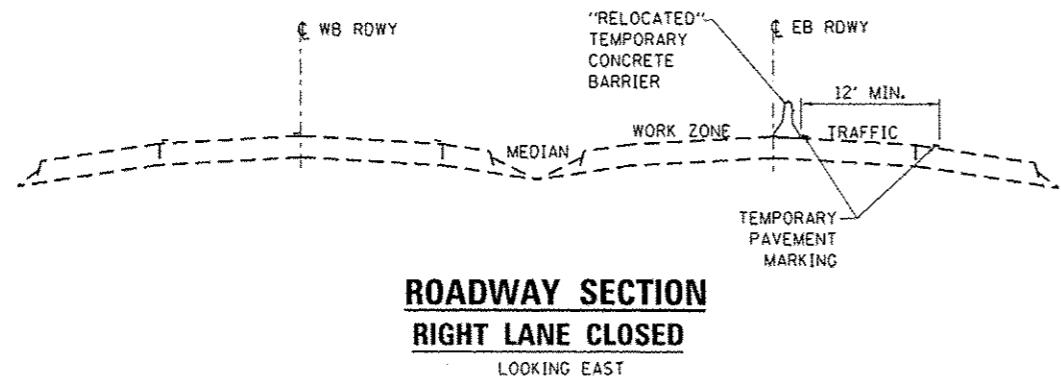
SEE SPECIAL PROVISIONS.

FILE NAME : p:\11084EBID\INTEG\illinois.gov\PHDOT\Documents\DOT Offices\District 3\Projects\0368\DRAWING\0368E\ZJL\trc-details.dgn	USER NAME : woodshenkrl	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION STANDARD 701400 (SPECIAL)	T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000 1/4" = 1'	CHECKED - RW	REVISED -			284	150-3HB-3BP	LASALLE	10	5	
	PLOT DATE = 10/28/2015	DATE - 7/20/15	REVISED -			CONTRACT NO. 66E87					
						ILLINOIS FED. AID PROJECT					

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



ROADWAY SECTION
LEFT LANE CLOSED
LOOKING EAST



ROADWAY SECTION
RIGHT LANE CLOSED
LOOKING EAST

- 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 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.

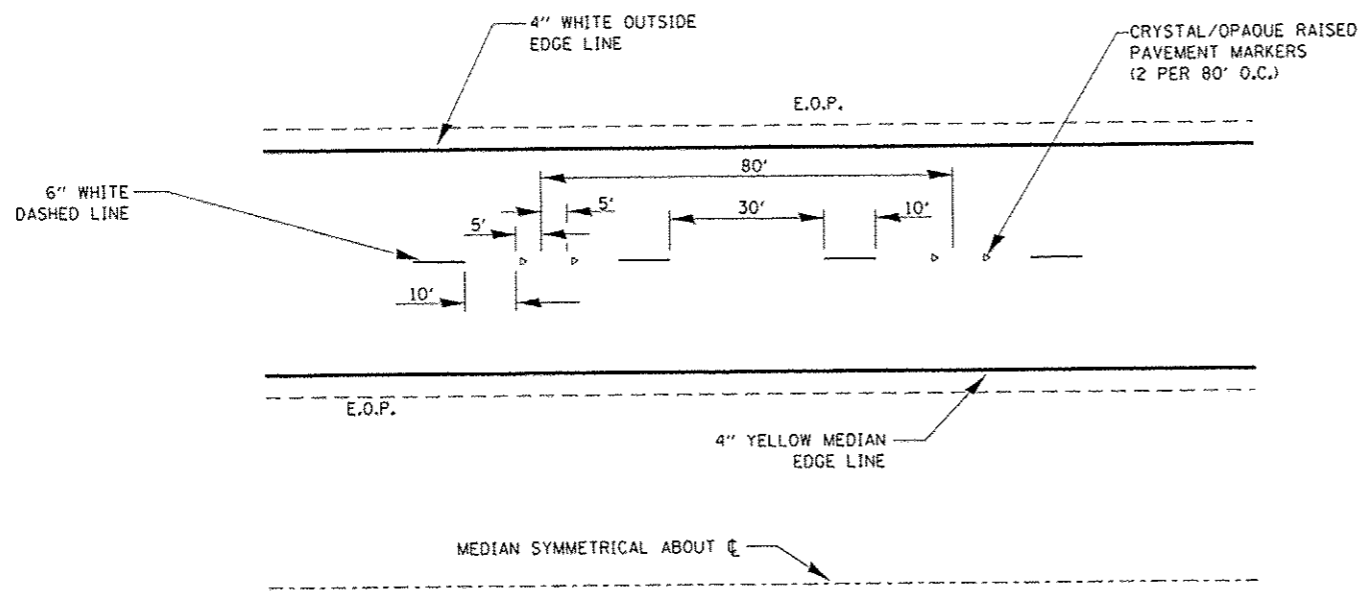
WHEN WORK IS BEING PERFORMED IN THE LEFT LANE, THE SET UP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.

TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

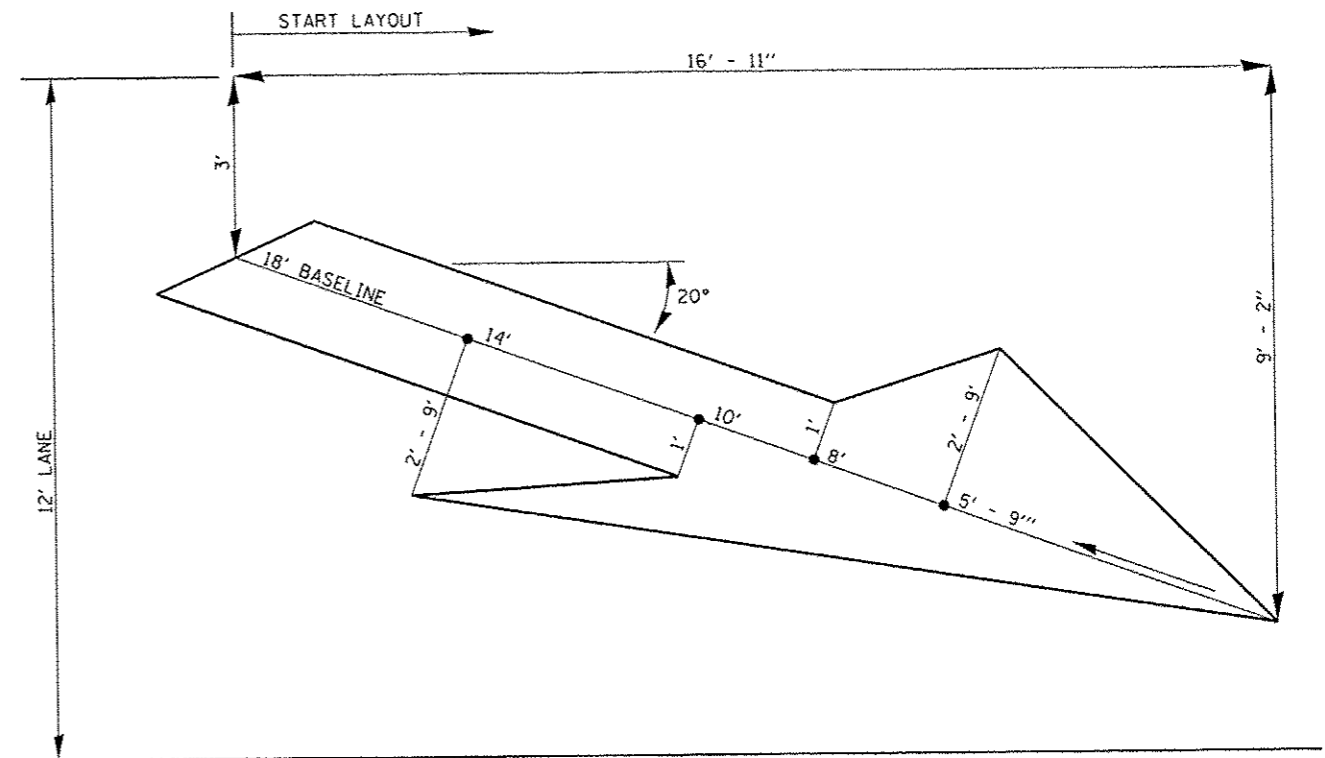
CALCULATE L AS FOLLOWS:

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 *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION STANDARD 701402 (SPECIAL)	T.R.	SECTION	COUNTY	TOTAL	SHEET	
ct:\p...work\psidot\woodshankr1\d0446444	306687-shc-details.dgn	DRAWN -	REVISED -			284	(50-3HB-3)BP	LASALLE	10	6	
MODEL NAME	PLOT SCALE = 1/80.0000 / in.	CHECKED -	REVISED -			SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____		CONTRACT NO. 66E87		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 10/28/2015	DATE -	REVISED -								

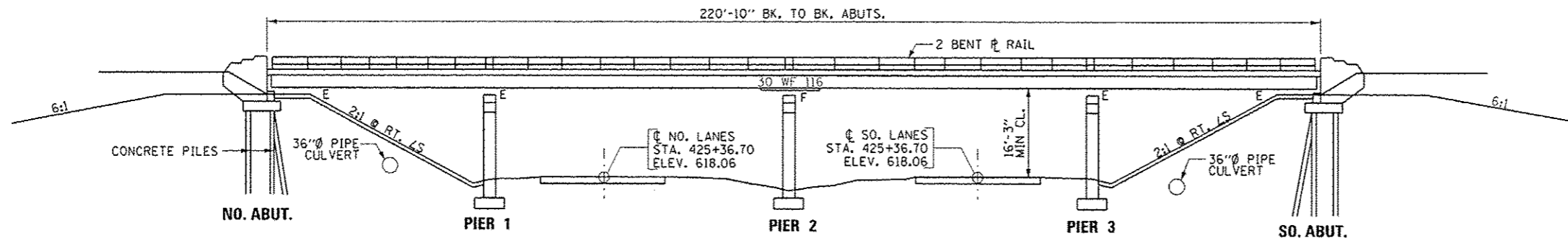


TYPICAL PAVEMENT MARKINGS

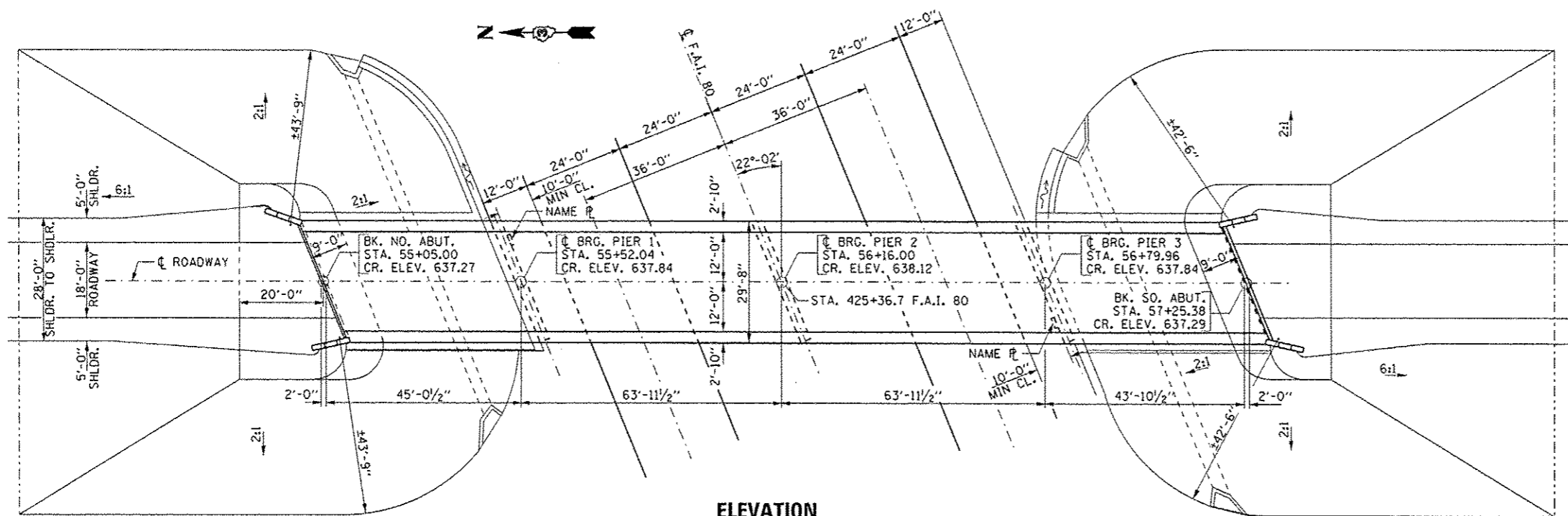


LARGE MERGE ARROWS
42 Sq. Ft.

FILE NAME :	USER NAME : woodshark1	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT STRIPING			T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
path: \\L084E010INTEG.illinois.gov\PI007\00	Documents\1007 Offices\District 3\Projects\036	DRAWN Date: 10/30/15	REVISED -					284	(50-3HB-3)BP	LASALLE	10	7
Default	PLOT SCALE = 100.0000 / 1"	CHECKED - RW	REVISED -		SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/28/2015	DATE - 7/20/15	REVISED -					CONTRACT NO. 66E87				



PLAN



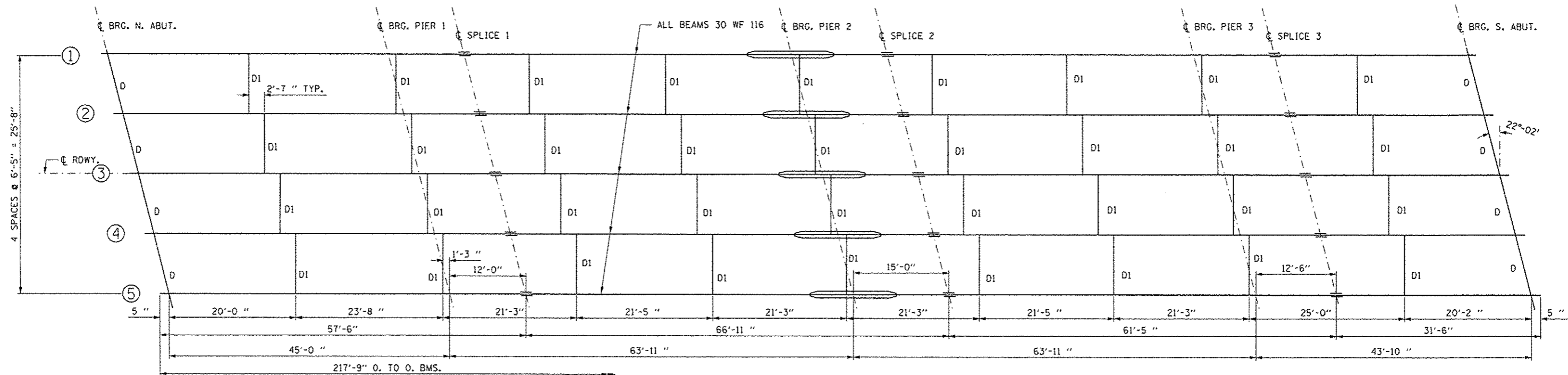
ELEVATION

TOTAL BILL OF MATERIAL

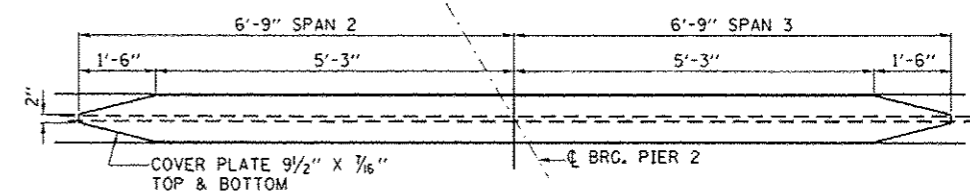
ITEM	UNIT	050-0130	TOTAL
CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1

"FOR INFORMATION ONLY"

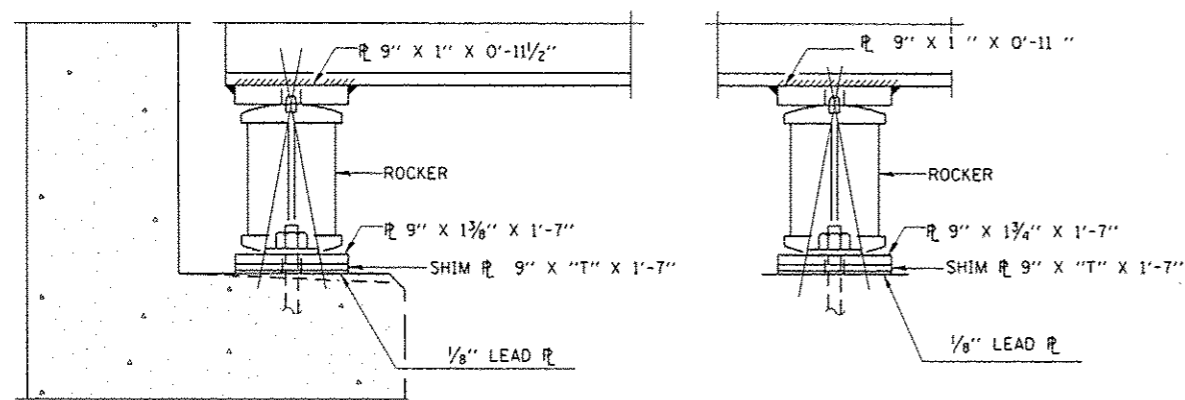
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Default	Documents\DOT Office\District 3\Projects\0366\BRIDGE\0366E01\0366E01.dgn	CHECKED - RW	REVISED -			284	(50-3HB-3BP)	LASALLE	10	8	
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	PLOT DATE = 10/20/2015		REVISED -			CONTRACT NO. 66E87					



LAYOUT - STRUCTURAL STEEL

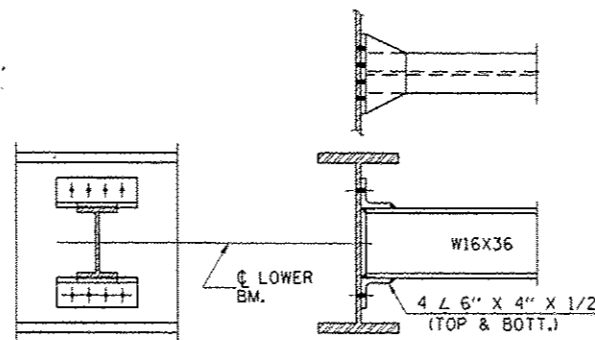


DETAIL OF COVER PLATE

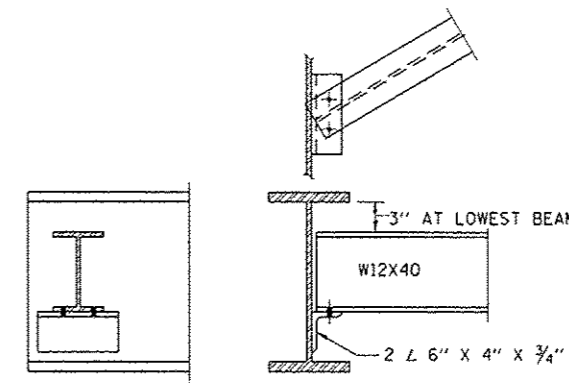


SECTION AT ABUTMENT

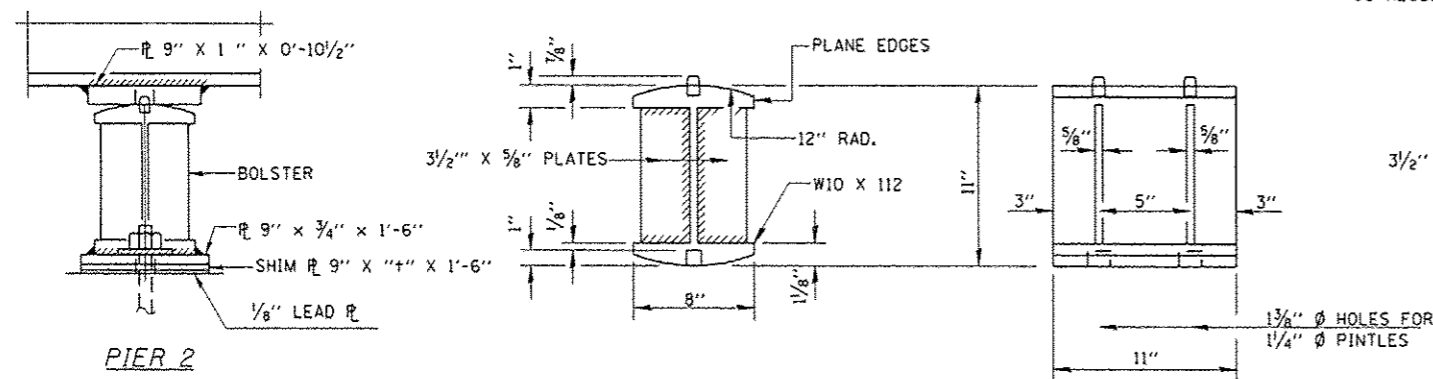
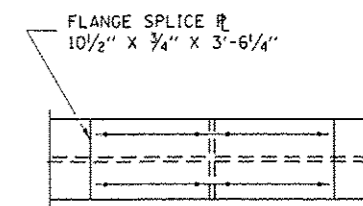
PIER 1 & 3



DIAPHRAGM D1
36 REQUIRED

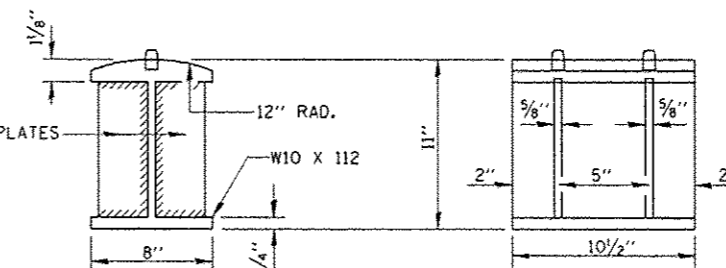


DIAPHRAGM D
8 REQUIRED

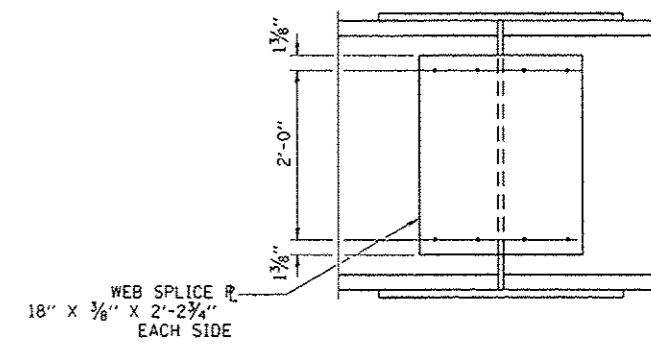


PIER 2

DETAIL OF ROCKER
AT PIERS 1 & 3 & ABUTS.



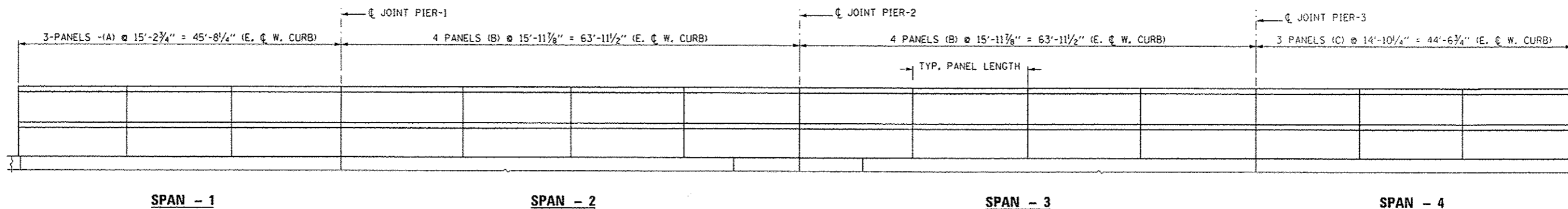
DETAIL OF BOLSTER
AT PIER 2



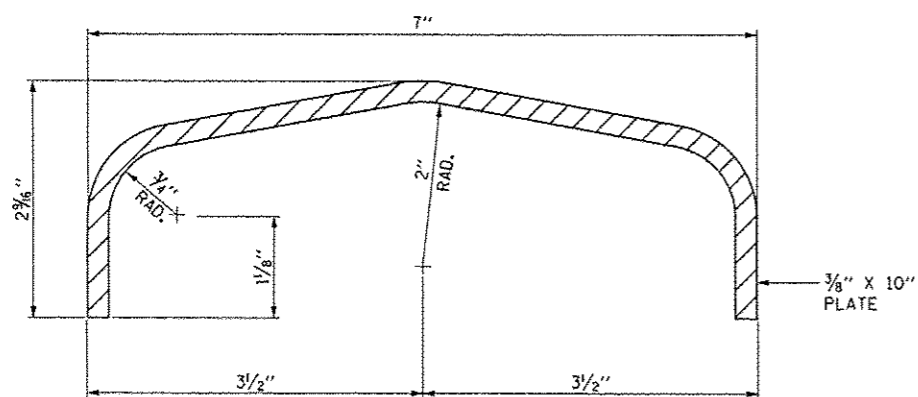
DETAIL OF SPLICE

"FOR INFORMATION ONLY"

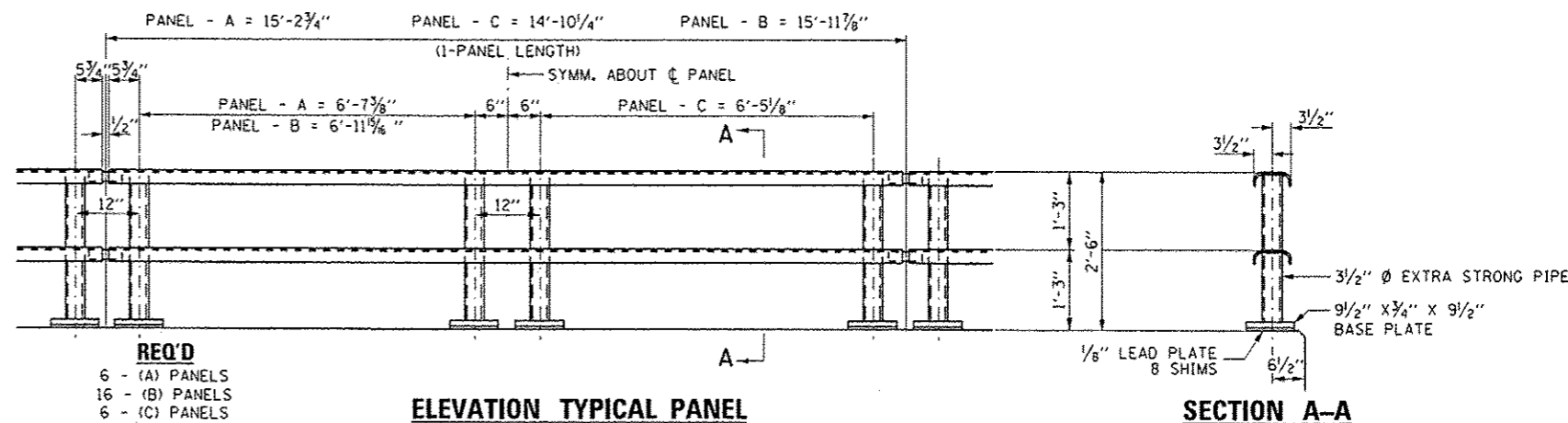
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Default	Plot Scale = 100.0000 / in.	CHECKED - RW	REVISED -			284	(50-3H-3)BP	LASALLE	10	9	
	Plot Date = 10/28/2015	DATE - 7/7/15	REVISED -			CONTRACT NO. 66EB7					
						ILLINOIS FED. AID PROJECT					



ELEVATION SHOWING WEST CURB
EAST CURB SIMILAR BUT OPPOSITE HAND



DETAIL OF RAIL



ELEVATION TYPICAL PANEL

SECTION A-A

REQ'D
 6 - (A) PANELS
 16 - (B) PANELS
 6 - (C) PANELS

“FOR INFORMATION ONLY”

FILE NAME :	USER NAME : woodshankr1	DESIGNED - ZJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE PLANS FOR STRUCTURE NO. 050-0130 “FOR INFORMATION ONLY”	T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBID\INTEG\illinois.gov\FWIDOT\Documents\DOT Offices\District 3\Projects\0366\BRONKOData\0366E2\ghr-details.dgn		REVISIONS				284	(50-3HB-3IBP)	LASALLE	10	10
PLOT SCALE = 100.0000' / 1"	CHECKED - RW	REVISIONS				CONTRACT NO. 66E87				
Default	PLOT DATE = 10/28/2015	DATE - 7/7/15	REVISIONS			ILLINOIS FED. AID PROJECT				