

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 180 (I-180)
SECTION (06-2HB-6)BP

**CLEANING AND PAINTING STRUCTURAL STEEL
STRUCTURE NO.'S 006-0059 (WB) AND 006-0060 (EB)
OVER IL 26 AND BUREAU CREEK
1.5 MILES WEST OF HENNEPIN
BUREAU COUNTY**

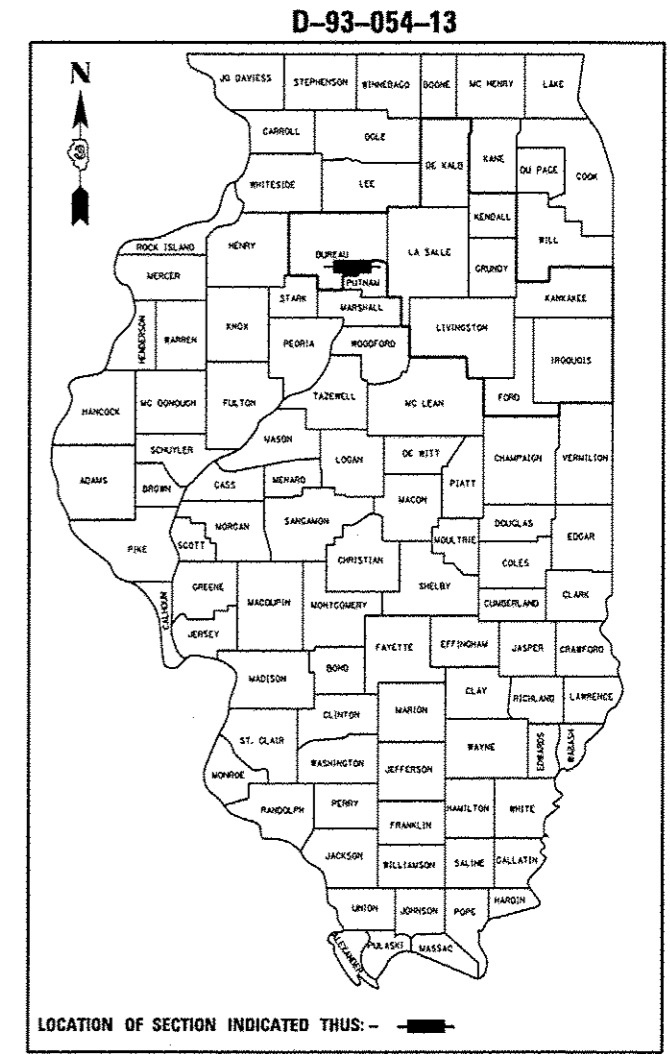
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|-------------|--------------|----------|--------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 180 | (06-2HB-6)BP | BUREAU | 9 | 1 |
| | | ILLINOIS | CONTRACT NO. 66D11 | |

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
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- 4 TYPICAL SECTIONS
- 5 TRAFFIC CONTROL AND PROTECTION STANDARD 701402 (SPECIAL)
- 6 TYPICAL PAVEMENT MARKINGS
- 7-9 EXISTING STRUCTURE PLANS

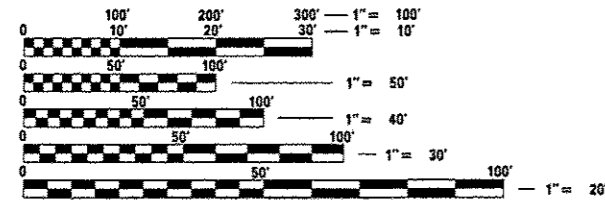
STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 701101-04 OFF-ROAD OPERATIONS MULTILANE, 15' (4.5m) TO 24" (600m) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701400-07 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-08 LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
- 701426-06 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701901-03 TRAFFIC CONTROL DEVICES
- 704001-07 TEMPORARY CONCRETE BARRIER



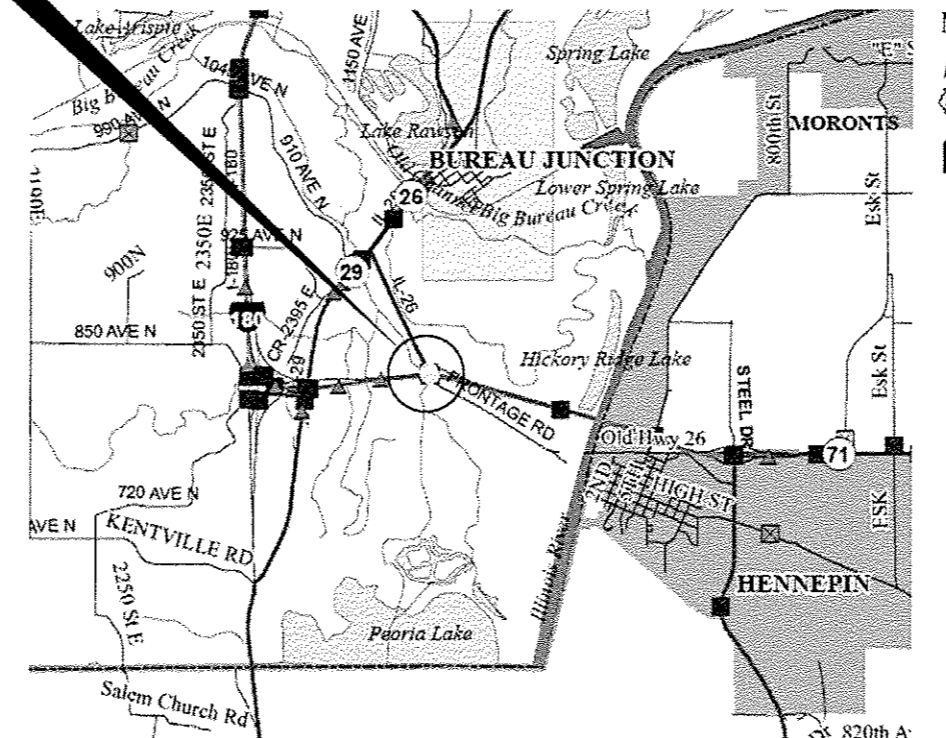
PROJECT LOCATION

SN 006-0059 (WB) AND SN 006-0060 (EB)
STA. 874 + 53.81 FAI 180 (I-180)



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



LOCATION MAP NOT TO SCALE
POINT LOCATION

FUNCTIONAL CLASSIFICATION

RURAL INTERSTATE
FAI 180 (I-180)
2013 AADT = 2200
P.V. = 82.5%
M.U. = 9.77%
S.U. = 7.73%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Paul A. Corbett* 20 13
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

John D. Baranzelli 20 14
ENGINEER OF DESIGN AND ENVIRONMENT

Omer Osman 20 14
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

DISTRICT 3 NO. (815) 434-6131
PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: RON WOODSHANK
TOWNSHIP: LEEPERTOWN
CONTRACT NO. 66D11

**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.

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.

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.

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.

COMMITMENTS

NONE.

DATE: 12-9-13

PREPARED BY: Don Benoit
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: Herbert Young (and)
DISTRICT CONSTRUCTION ENGINEER

Way Phillips
DISTRICT MATERIALS ENGINEER

Bruce A. Anderson
DISTRICT OPERATIONS ENGINEER

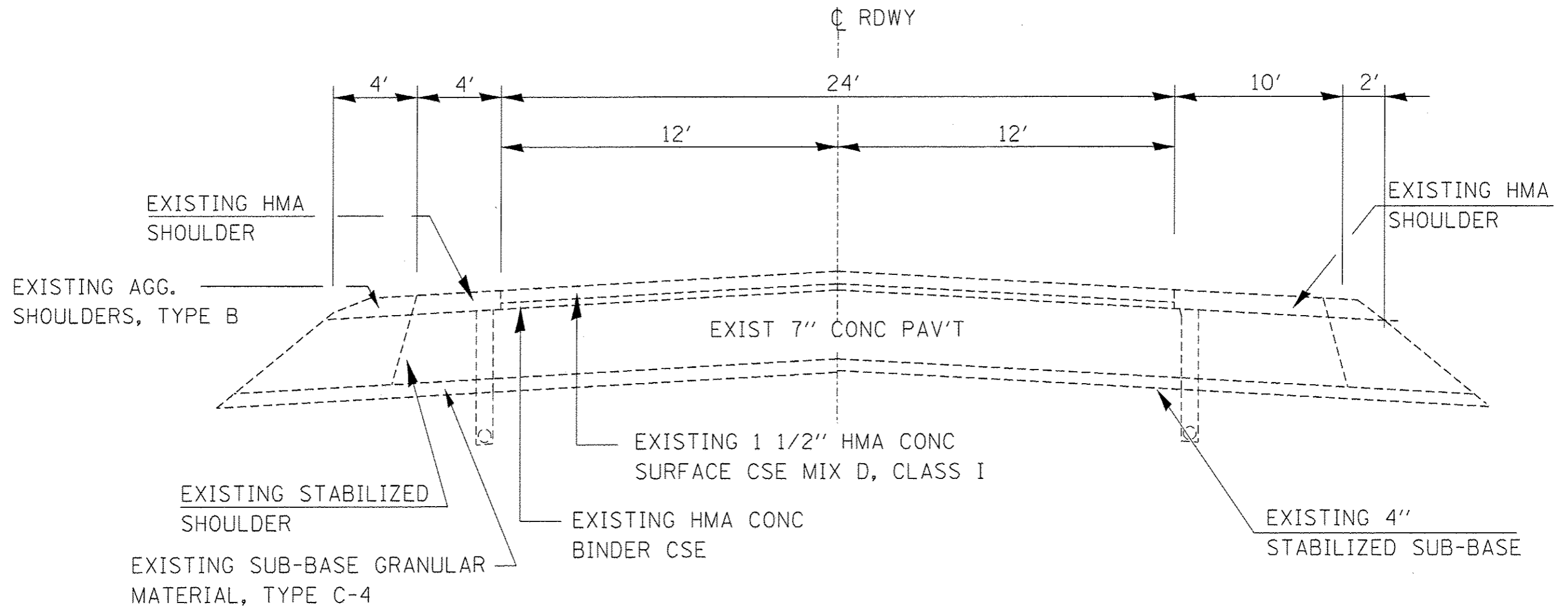
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| FILE NAME * c:\pwork\pwork\patel\j\0343032\0366 | USER NAME * Patel,j | DESIGNED - R WOODSHANK | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES | F.A.J. RTE. 180 | SECTION 06-2HB-61BP | COUNTY | TOTAL SHEETS 9 | SHEET NO. 2 | |
| | PLDT SCALE * 1/8"=1'-0" | DRAWN - Z SHAW | REVISED - | | | SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | CONTRACT NO. 66011 | ILLINOIS FED. AID PROJECT |
| | PLDT DATE * 12/9/2013 | CHECKED - Y PATEL | REVISED - | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | |

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTR. CODE |
|------------|--|-------|----------------|--------------|
| | | | | STATE FUNDS |
| | | | | 100% STATE |
| | | | | STRUCTURE |
| | | | | 0014 |
| | | | | RURAL |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 |
| 70100420 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 | EACH | 2 | 2 |
| 70100450 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 | L SUM | 1 | 1 |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 550 | 550 |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER | FOOT | 1650 | 1650 |
| 70600250 | IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 | EACH | 1 | 1 |
| 70600350 | IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3 | EACH | 3 | 3 |
| * 78009006 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6" | FOOT | 1000 | 1000 |
| 78300100 | PAVEMENT MARKING REMOVAL | SQ FT | 500 | 500 |
| X5067501 | BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1 | L SUM | 1 | 1 |
| X5067502 | BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2 | L SUM | 1 | 1 |
| X7010208 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL) | EACH | 2 | 2 |
| Z0007101 | CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1 | L SUM | 1 | 1 |
| Z0007102 | CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2 | L SUM | 1 | 1 |
| Z0010501 | CLEANING AND PAINTING STEEL BRIDGE NO. 1 | L SUM | 1 | 1 |
| Z0010502 | CLEANING AND PAINTING STEEL BRIDGE NO. 2 | L SUM | 1 | 1 |

1/0

* SPECIALITY ITEMS

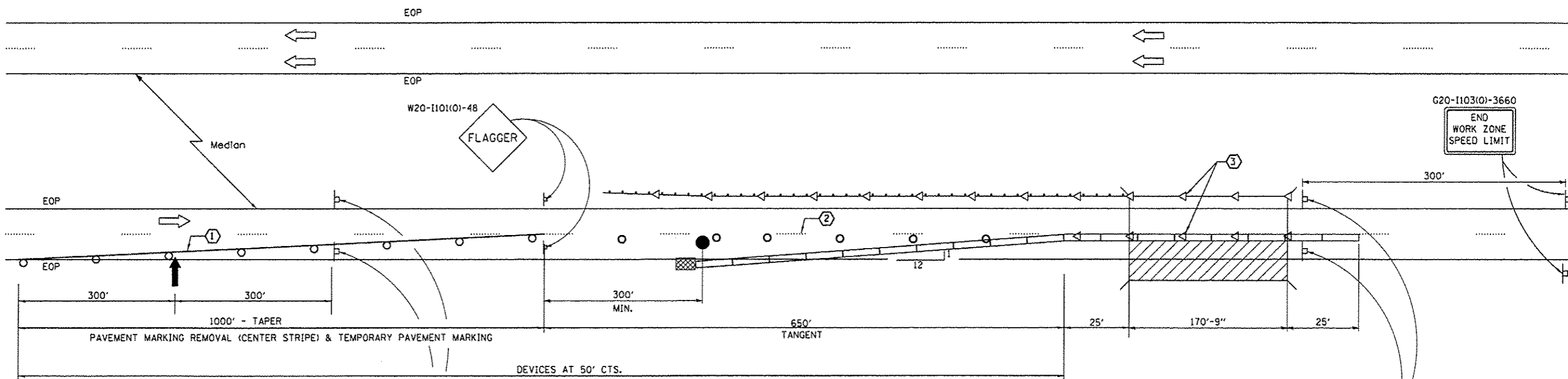
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| FILE NAME * | USER NAME * Patel, J | DESIGNED - R WOODSHANK | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | | F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pwork\patel\j\03143832\036611-shr-detailed.dgn | | DRAWN - Z SHAW | REVISED - | | 180 | 106-2HB-618P | BUREAU | 9 | 3 | | | | |
| PLOT SCALE * 100,0000 ' / in. | | CHECKED - Y PATEL | REVISED - | | CONTRACT NO. 66011 | | | | | | | | |
| PLOT DATE * 12/9/2013 | | DATE - | REVISED - | | SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | | | |



TYPICAL TANGENT SECTION

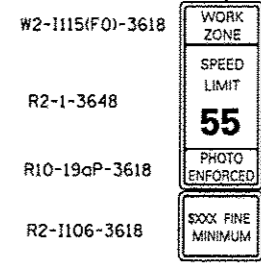
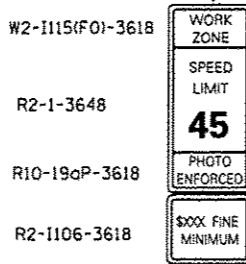
FAI ROUTE 180 (I-180)

| | | | | | | | | | | | | |
|--------------------------------------|-------------------------------|------------------------|-----------|---|---------------------------|-------------------------|-----------------------|------------------------|--------|----------------------|-------------------|--|
| FILE NAME * | USER NAME * Potelyj | DESIGNED - R WOODSHANK | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL SECTION | | F.A.I. RTE. 180 | SECTION 06-2HB-61BP | COUNTY | TOTAL SHEETS 9 | SHEET NO. 4 | |
| o:\pwork\pwork\potelyj\48345832\0366 | ii-shit-details.dgn | DRAWN - Z SHAW | REVISED - | | SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | BUREAU | CONTRACT NO. 66011 | | |
| | PLOT SCALE * 100.0000 ' / in. | CHECKED - Y PATEL | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | PLOT DATE * 12/9/2013 | DATE - | REVISED - | | | | | | | | | |



SEE STANDARD 701400 (SPECIAL) FOR APPROACH LANE CLOSURE SIGNING

- ① TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER. EDGE LINE SHALL BE WHITE AND THE LEFT EDGE LINE SHALL BE YELLOW.
- ② EXISTING PAVEMENT MARKING
- ③ BARRIER WALL/GUARDRAIL MARKERS AT 25'. MARKERS ON RIGHT SHALL BE CRYSTAL AND MARKERS ON LEFT SHALL BE AMBER. COST INCLUDED WITH TEMPORARY CONCRETE BARRIER.



SYMBOLS

- ↑ ARROW BOARD
- ▨ WORK AREA
- ⊥ SIGN
- TRAFFIC CONTROL DRUM 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 ENCR OACH ON THE PAVEMENT OR ON THE SHOULDER WITHIN 24 INCHES OF THE EDGE OF PAVEMENT FOR DAYLIGHT OPERATION EXCEEDING ONE DAY AND WHERE TEMPORARY CONCRETE BARRIER IS UTILIZED.

THIS STANDARD MUST BE USED IN COMBINATION WITH STANDARD 701400 (SPECIAL).

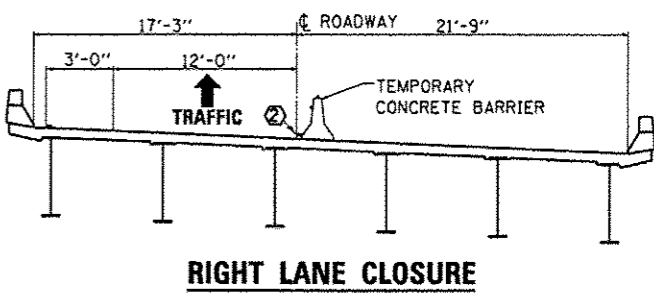
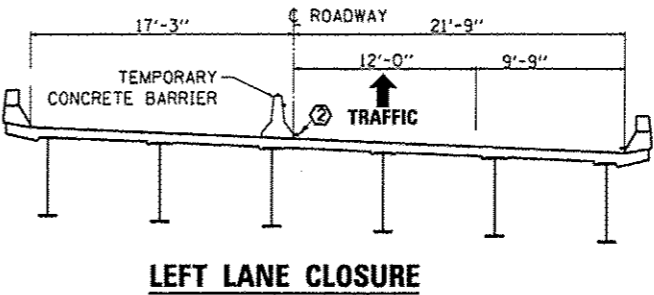
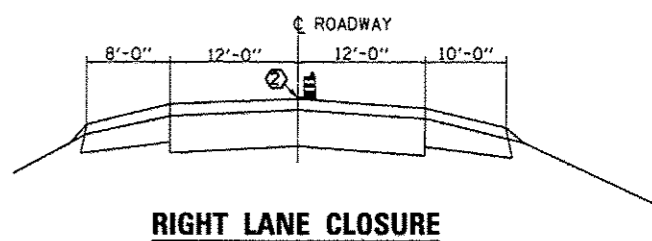
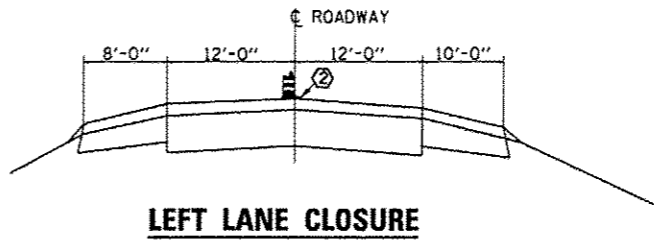
WHEN WORK IS BEING PERFORMED IN THE LEFT LANE, THE SET UP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.

FLAGGER, FLAGGER SIGNS AND SPEED LIMIT SIGNS SHALL BE REQUIRED WHENEVER TEMPORARY CONCRETE BARRIER IS NOT IN PLACE. WHEN TEMPORARY CONCRETE BARRIER IS IN PLACE, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED AND THE FLAGGER NOT REQUIRED.

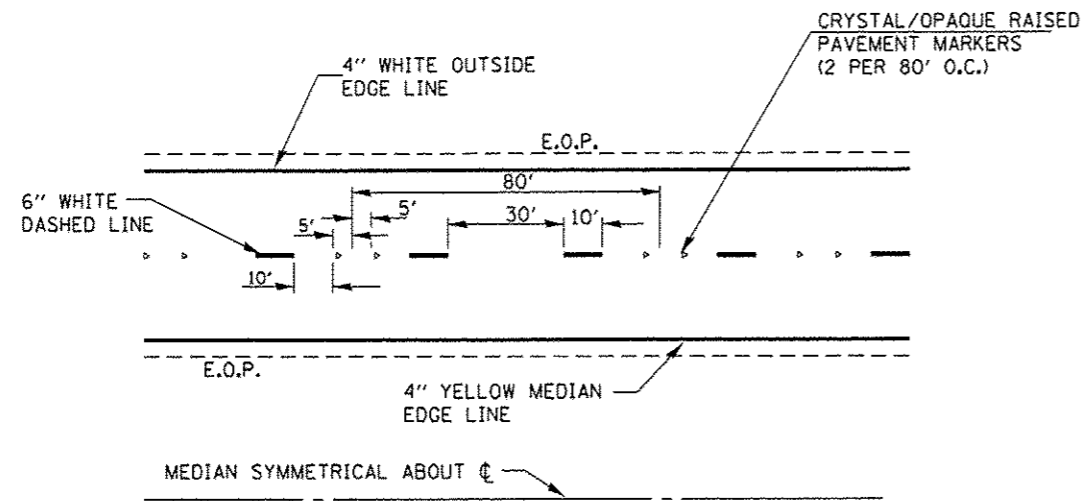
TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

INITIAL SETUP OF TEMPORARY CONCRETE BARRIER WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY CONCRETE BARRIER.

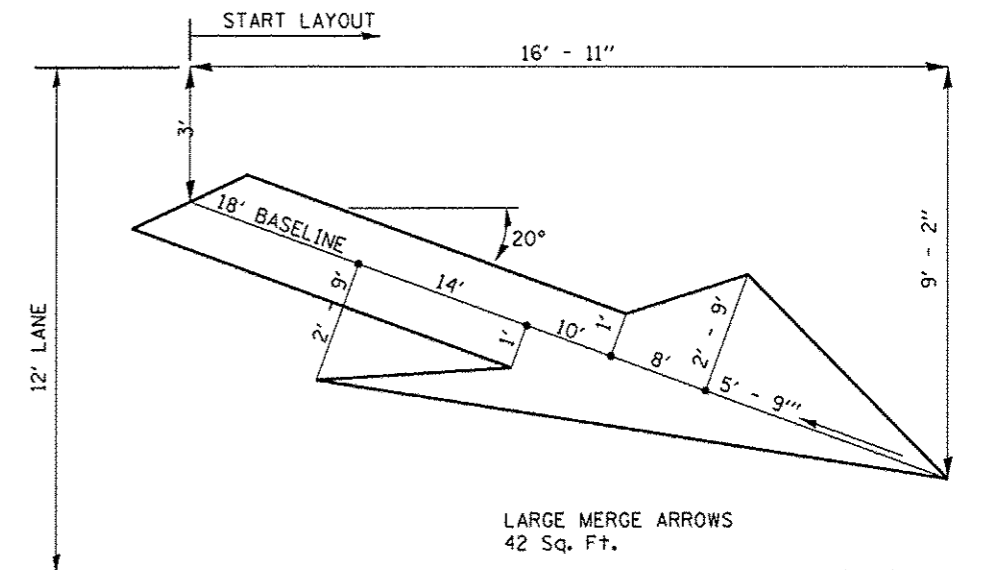
ALL RELOCATES OF THE INITIAL SET UP OF TEMPORARY CONCRETE BARRIER WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR RELOCATE TEMPORARY CONCRETE BARRIER



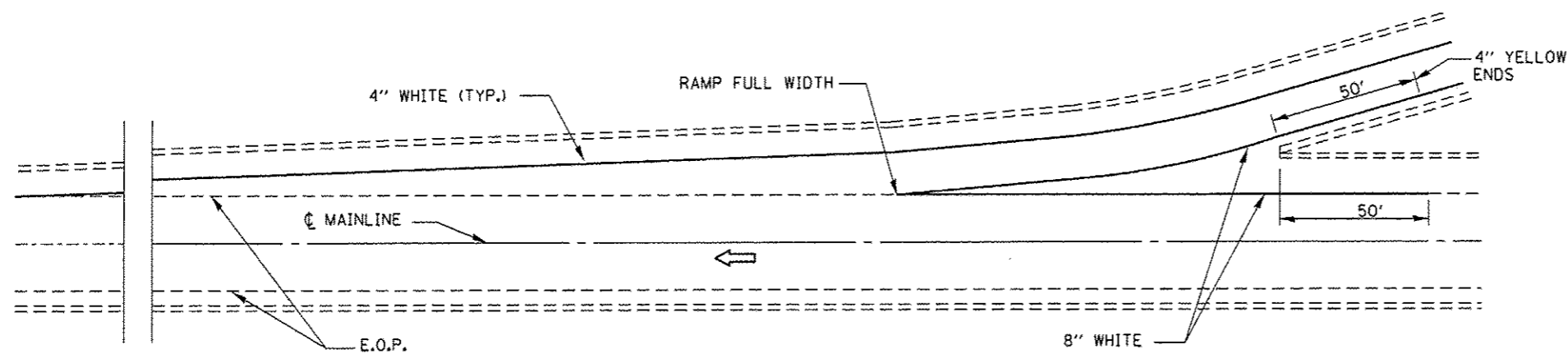
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| FILE NAME * | USER NAME * Potelyj | DESIGNED - R WOODSHANK | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL AND PROTECTION STANDARD 701402 (SPECIAL) | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| ct:\pw\work\pwidot\potelyj\08343832\0366 | ll-sht-details.dgn | DRAWN - Z SHAW | REVISED - | | | 180 | (06-2HB-6)BP | BUREAU | 9 | 5 | |
| | PLOT SCALE = 1/8" = 100'-0" | CHECKED - Y PATEL | REVISED - | | | CONTRACT NO. 66D11 | | | | | |
| | PLOT DATE = 12/9/2013 | DATE - | REVISED - | | | [ILLINOIS] FED. AID PROJECT | | | | | |



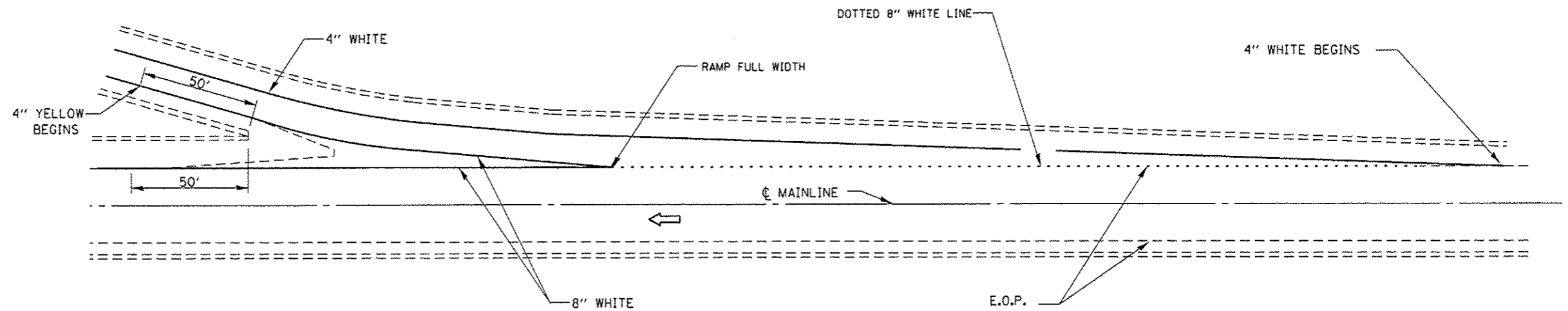
TYPICAL PAVEMENT MARKINGS



LANE DROP ARROW



TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS



TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS

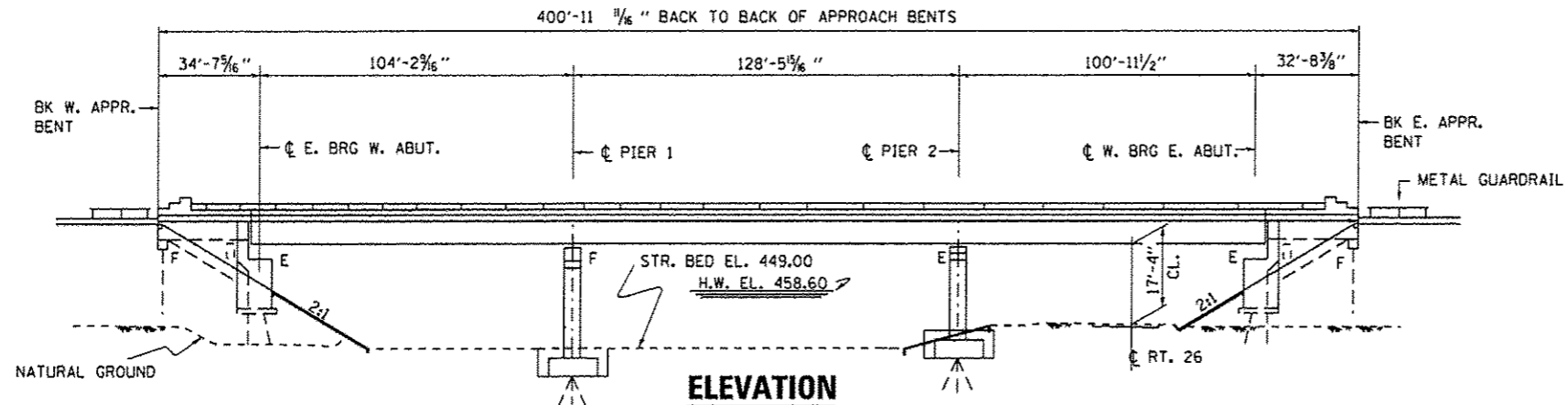
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| c:\pwwork\prijot\patelijj\0343032\0366 | 11-aht-details.dgn | DRAWN - Z SHAW | REVISED - |
| #MODELNAME# | PLOT SCALE = 100.0000' / 1" | CHECKED - Y PATEL | REVISED - |
| | PLOT DATE = 12/9/2013 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

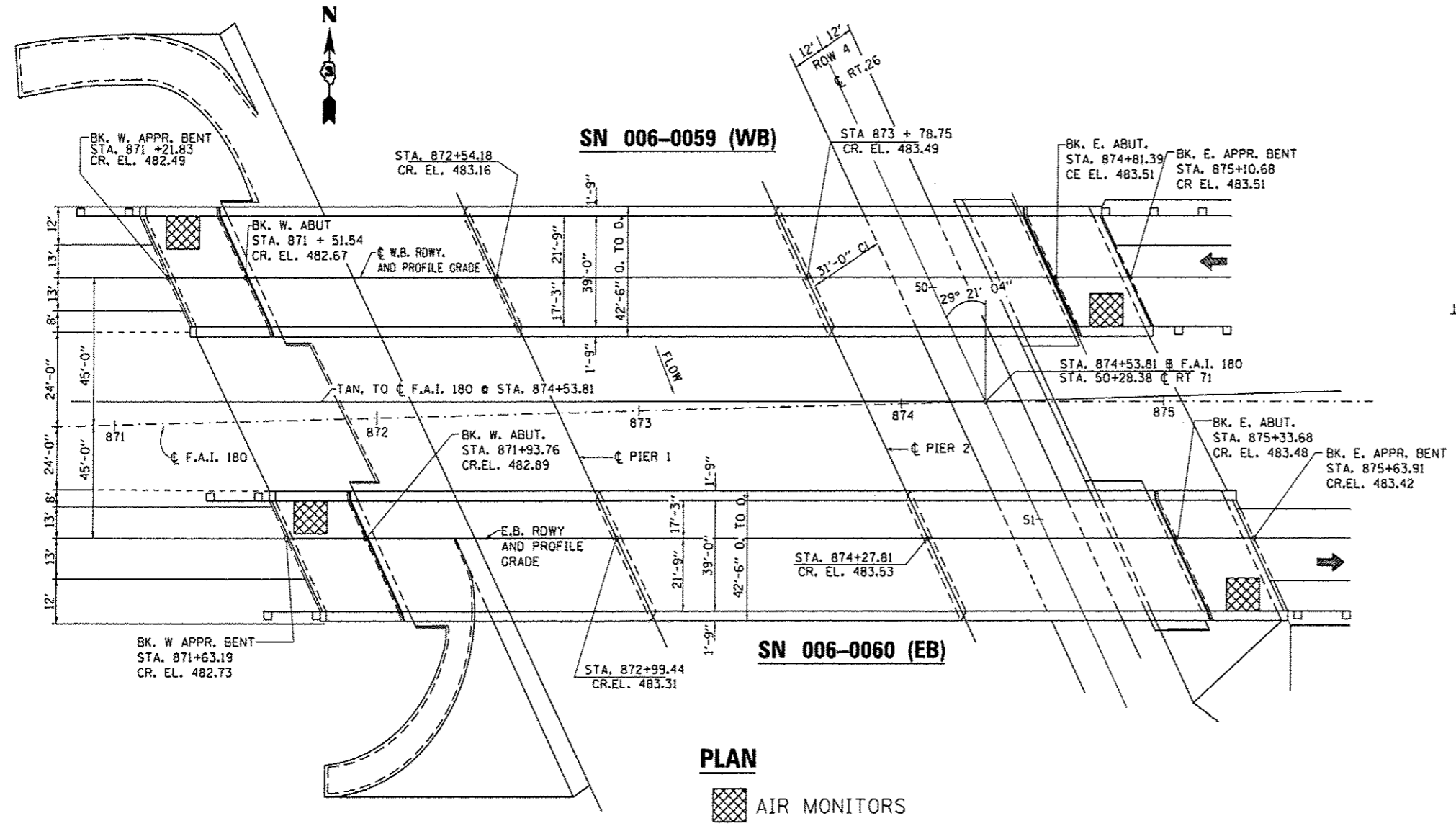
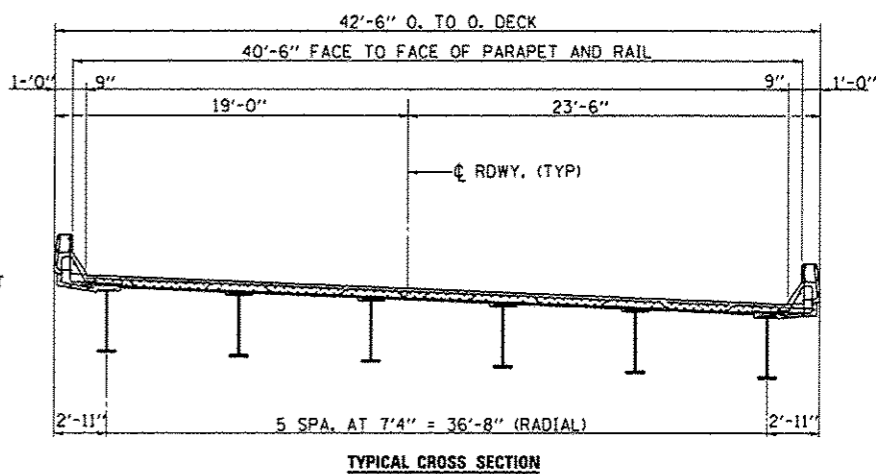
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|---------------------------|-------------|--------|--------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 180 | 06-2H8-61BP | BUREAU | 9 | 6 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 66D11 | |



GENERAL NOTES

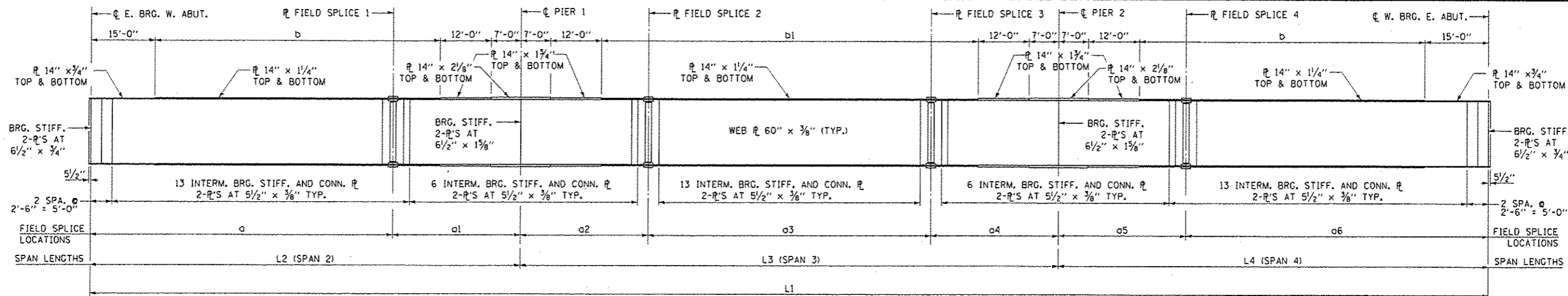
SN 006-0059 IS LOCATION 1 AND SN 006-0060 IS LOCATION 2
 THE CONTRACTOR SHALL BE REQUIRED TO SECURE WASTE CONTAINERS THAT REMAIN ON THE JOB SITE. THIS WILL ENTAIL THAT ALL WASTE CONTAINERS CAN NOT BE MOVED OR OPENED DURING NON-WORKING HOURS.
 WORKING DAYS SHALL BE CHARGED UNTIL THE CONTRACTOR/SUBCONTRACTOR 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. IF THE CONTRACTOR/SUBCONTRACTOR LICENSED TO DISPOSE OF LEAD PAINT RESIDUE FAILS TO DISPOSE OF PAINT RESIDUES ON OR BEFORE THE SPECIFIED COMPLETION DATE, LIQUIDATED DAMAGES SHALL BE CHARGED PER CALENDAR DAY ACCORDING TO ARTICLE 108.09 OF THE STANDARD SPECIFICATIONS UNTIL SUCH TIME THAT THE PAINT RESIDUES HAVE BEEN PROPERLY DISPOSED OF.
 THE SSPC-0P1 AND SSPC-0P2 "PAINTING CONTRACTOR CERTIFICATIONS" WILL BE REQUIRED FOR THIS PROJECT.
 CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES". ALL EXTERIOR AND INTERIOR SURFACES OF THE BEAMS, DIAPHRAGMS, 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.
 THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO (2) AIR MONITORS FOR THIS PROJECT TO MONITOR ABRASIVE BLASTING AT THIS SITE. SEE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES".



TOTAL BILL OF MATERIAL

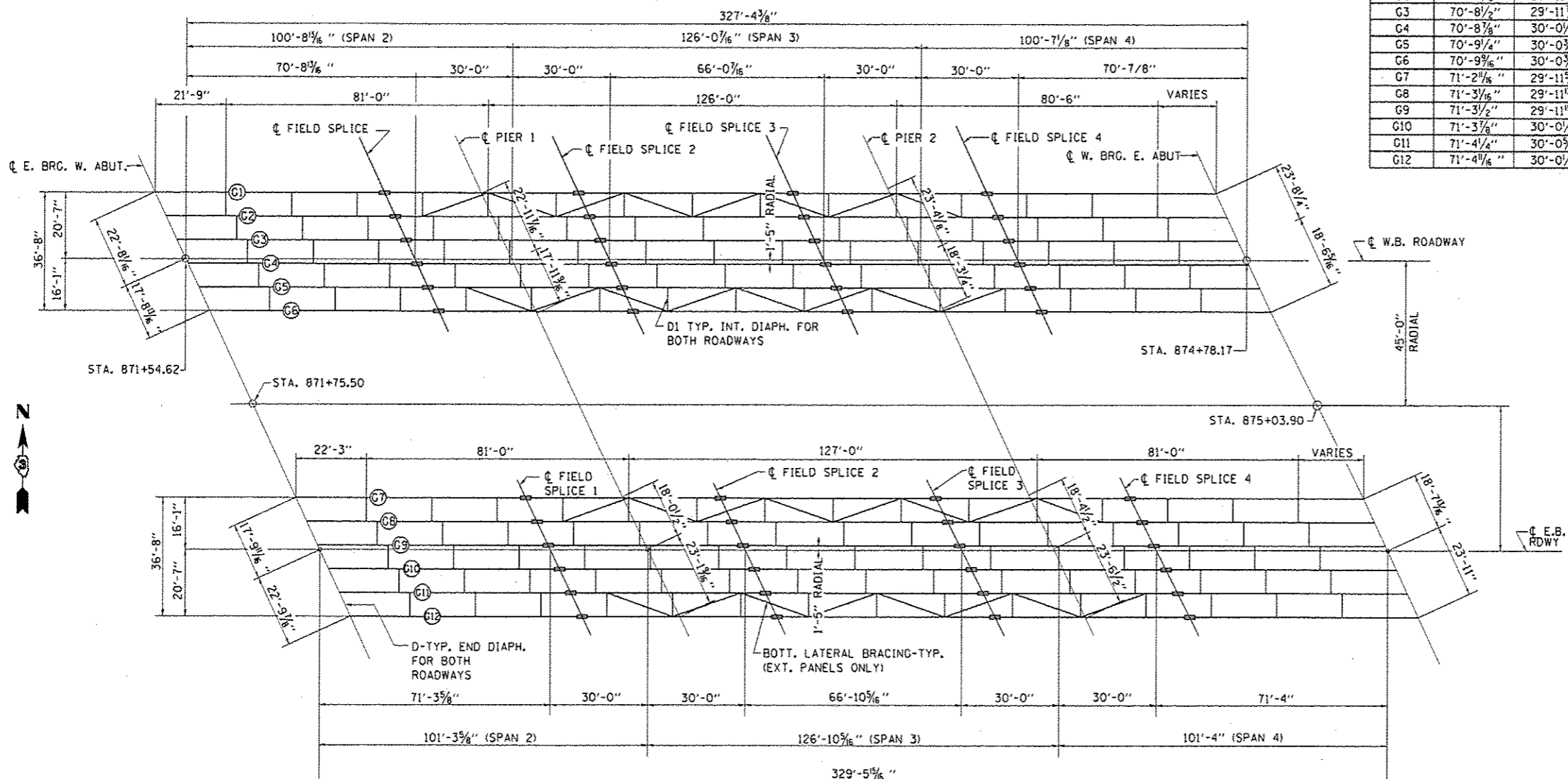
| ITEM | UNIT | SUPER | SUB | TOTAL |
|--|-------|-------|-----|-------|
| CLEANING AND PAINTING STEEL BRIDGE NO. 1 | L SUM | 1 | | 1 |
| CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1 | L SUM | 1 | | 1 |
| BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1 | L SUM | 1 | | 1 |
| CLEANING AND PAINTING STEEL BRIDGE NO. 2 | L SUM | 1 | | 1 |
| CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2 | L SUM | 1 | | 1 |
| BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2 | L SUM | 1 | | 1 |

"FOR INFORMATION ONLY"



GIRDER ELEVATION

| GIRDER | a | a1 | a2 | a3 | a4 | a5 | a6 |
|--------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|
| G1 | 70'-7 3/4" | 29'-11 1/16" | 29'-11 1/16" | 65'-11 1/16" | 29'-11 1/16" | 29'-11 1/16" | 70'-5 1/16" |
| G2 | 70'-8 1/8" | 29'-11 1/16" | 29'-11 1/16" | 65'-11 1/16" | 29'-11 1/16" | 29'-11 1/16" | 70'-6 1/16" |
| G3 | 70'-8 1/2" | 29'-11 1/16" | 29'-11 1/16" | 66'-0 1/16" | 29'-11 1/16" | 29'-11 1/16" | 70'-6 1/16" |
| G4 | 70'-8 7/8" | 30'-0 1/16" | 30'-0 1/16" | 66'-0 1/16" | 30'-0 1/16" | 30'-0 1/16" | 70'-7 1/16" |
| G5 | 70'-9 1/4" | 30'-0 1/16" | 30'-0 1/16" | 66'-0 1/16" | 30'-0 1/16" | 30'-0 1/4" | 70'-7 1/16" |
| G6 | 70'-9 1/2" | 30'-0 1/8" | 30'-0 1/8" | 66'-1 1/16" | 29'-11 1/16" | 30'-0 1/16" | 70'-8 1/16" |
| G7 | 71'-2 1/8" | 29'-11 1/16" | 29'-11 1/16" | 66'-9 1/4" | 29'-11 1/16" | 29'-11 1/2" | 71'-2 1/8" |
| G8 | 71'-3 1/16" | 29'-11 1/16" | 29'-11 1/16" | 66'-9 1/4" | 29'-11 1/16" | 29'-11 3/4" | 71'-3 1/16" |
| G9 | 71'-3 1/2" | 29'-11 1/16" | 29'-11 1/16" | 66'-10 1/8" | 29'-11 1/16" | 29'-11 1/2" | 71'-4" |
| G10 | 71'-3 3/8" | 30'-0 1/8" | 30'-0 1/8" | 66'-10 3/16" | 30'-0 1/8" | 30'-0 1/16" | 71'-4 3/8" |
| G11 | 71'-4 1/4" | 30'-0 1/16" | 30'-0 1/16" | 66'-11" | 30'-0 3/8" | 30'-0 3/8" | 71'-5 1/8" |
| G12 | 71'-4 1/2" | 30'-0 1/2" | 30'-0 1/2" | 66'-11 1/2" | 30'-0 3/8" | 30'-0 3/8" | 71'-5 1/8" |



| GIRDER | b | b1 | b2 |
|--------|-------------|--------------|-------------|
| G1 | 66'-7 1/16" | 87'-10 1/16" | 66'-5 1/2" |
| G2 | 66'-7 3/8" | 87'-11" | 66'-5 3/8" |
| G3 | 66'-8 1/8" | 87'-11 1/8" | 66'-6 1/2" |
| G4 | 66'-8 1/2" | 88'-0 3/8" | 66'-7 1/4" |
| G5 | 66'-9 1/16" | 88'-1 1/16" | 66'-7 5/8" |
| G6 | 66'-9 1/8" | 88'-2 1/8" | 66'-8 3/8" |
| G7 | 67'-2 5/16" | 88'-8 1/16" | 67'-2 3/8" |
| G8 | 67'-2 7/8" | 88'-9 1/16" | 67'-3 1/8" |
| G9 | 67'-3 1/16" | 88'-10" | 67'-3 3/8" |
| G10 | 67'-4" | 88'-10 3/8" | 67'-4 1/4" |
| G11 | 67'-4 3/16" | 88'-11 1/16" | 67'-5 1/2" |
| G12 | 67'-5 1/16" | 89'-0 3/8" | 67'-6 1/16" |

| GIRDER | L1 | L2 | L3 | L4 |
|--------|--------------|-------------|--------------|-------------|
| G1 | 326'-10 3/4" | 100'-7 5/8" | 125'-10 3/8" | 100'-5 1/4" |
| G2 | 327'-0 5/8" | 100'-7 1/8" | 125'-11" | 100'-5 1/8" |
| G3 | 327'-2 1/8" | 100'-8 3/8" | 125'-11 1/8" | 100'-6 1/2" |
| G4 | 327'-4 1/8" | 100'-8 7/8" | 126'-0 3/8" | 100'-7 1/4" |
| G5 | 327'-6 1/8" | 100'-9 1/8" | 126'-1 1/8" | 100'-7 1/8" |
| G6 | 327'-8 1/8" | 100'-9 5/8" | 126'-2 1/8" | 100'-8 3/8" |
| G7 | 329'-1 1/8" | 101'-2 5/8" | 126'-8 1/8" | 101'-2 3/8" |
| G8 | 329'-1 1/4" | 101'-2 7/8" | 126'-9 1/8" | 101'-3 1/8" |
| G9 | 329'-5 3/8" | 101'-3 1/8" | 126'-10" | 101'-3 3/8" |
| G10 | 329'-7 5/8" | 101'-4" | 126'-10 7/8" | 101'-4 1/4" |
| G11 | 329'-9 3/4" | 101'-4 1/8" | 126'-11 1/8" | 101'-5 1/2" |
| G12 | 330'-0 1/8" | 101'-5 1/8" | 127'-0 3/8" | 101'-6 1/8" |

"FOR INFORMATION ONLY"

| | | | |
|---|------------------------|-----------------------|--------------------|
| FILE NAME: c:\pwwork\paw\dot\woodshankr1\0343032\036011-shs-ds01a.dgn | USER NAME: woodshankr1 | DESIGNED: R WOODSHANK | REVISED: 1/27/2014 |
| PLOT SCALE: 100.0000 / 1" | CHECKED: Y PATEL | DRAWN: Z SHAW | REVISED: |
| PLOT DATE: 1/27/2014 | DATE: 1/27/2014 | | REVISED: |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL DETAILS
SN: 006-0059 & 006-0060

| | | | |
|--------------------------------|----------------------|--------------------|----------------|
| F.A.I. R.T.E. 180 | SECTION 106-2HB-61BP | COUNTY BUREAU 9 | TOTAL SHEETS 8 |
| SCALE: SHEET NO. 1 OF 2 SHEETS | | CONTRACT NO. 66011 | |

