

DESIGNER: DON HOFFMAN
PHONE: (309)671-4488

PROJECT ENGINEER: JIM MILLER
PHONE: (309)671-3451

CONTRACT NO. 68695

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|----------|--------------|-----------|
| 317 | (15B-1,D,F,&E) | TAZEWELL | 22 | 1 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

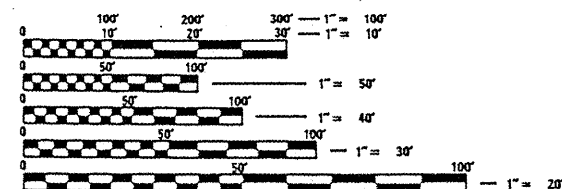
FAP ROUTE 317 (US 24 / 150)
SECTION D4 BRIDGE REPAIR 2007-3
PEORIA /TAZEWELL COUNTY
C-94-027-07

INDEX OF SHEETS:

1. COVER SHEET
2. COMMITMENTS & GENERAL NOTES
- 3-4. SUMMARY OF QUANTITIES
- 5-7. SCHEDULE OF QUANTITIES
8. STRUCTURE LINE DIAGRAM
- 9-15. TRAFFIC CONTROL PLAN
- 16-22. JOINT REPLACEMENT DETAILS

STANDARDS:

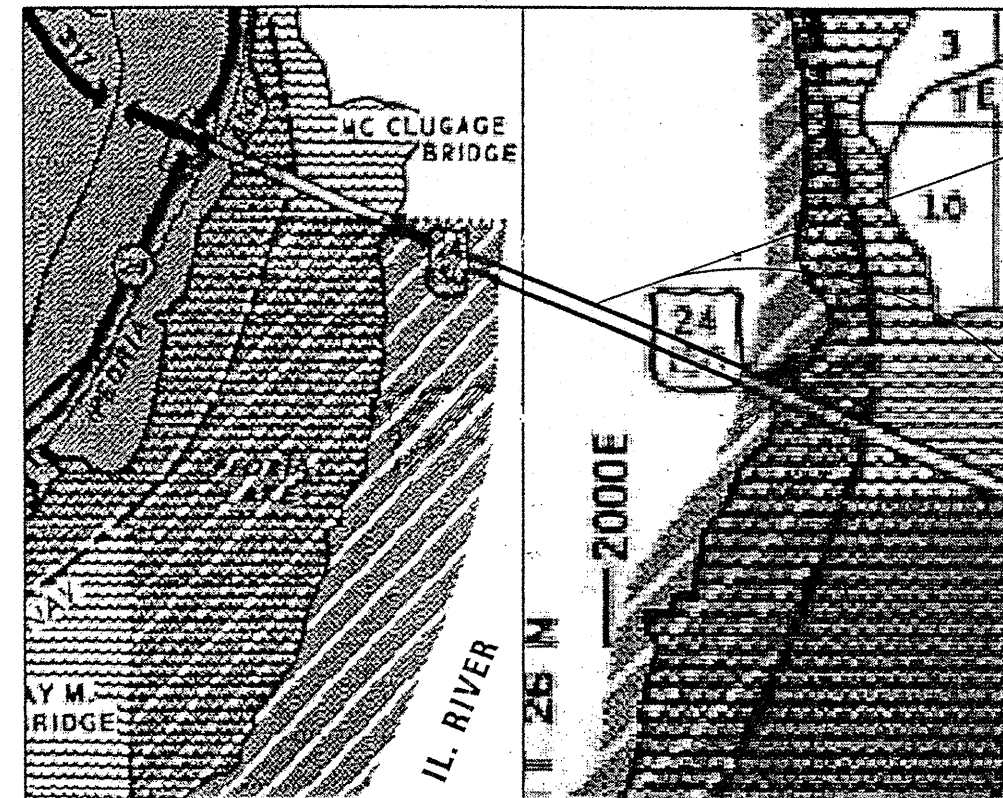
- 701001-01 701421-01 702001-06
701006-02 701422-01 704001-03
701411-03 701423-01



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

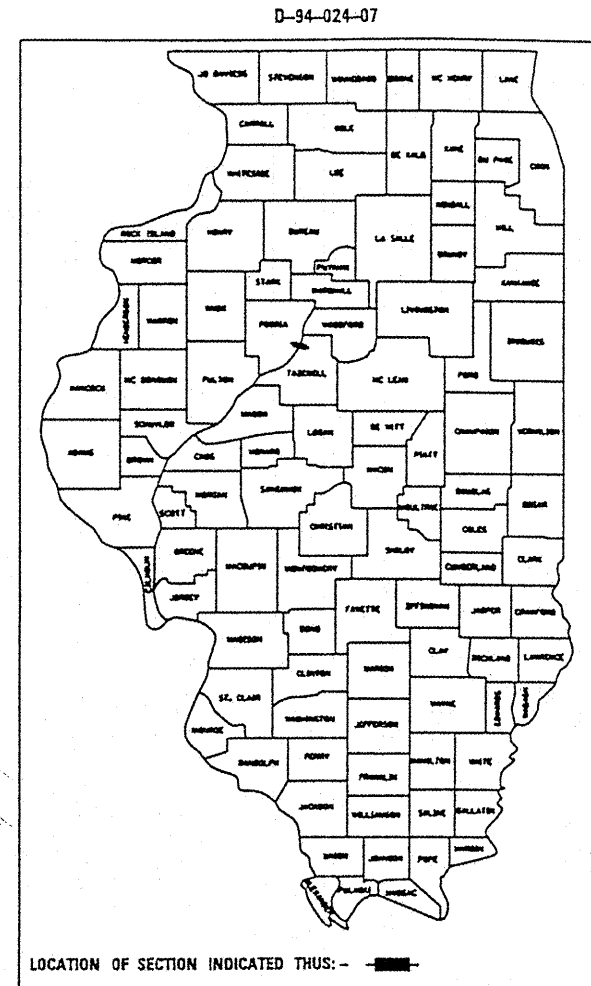
CONTRACT NO. 68695 CAT. NO. 033470-00D



LOCATION MAP

SECTION (15B-1)
D,E,F,&E

PROJECT CONSISTS OF PJS JOINT REMOVAL & REPLACEMENT WITH STRIP SEAL JOINTS ON WB STRUCTURE SN 090-0115, CARRYING US24/US150 OVER THE IL. RIVER



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 30, 2007

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11, 2007
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 2007
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|---------|-------------------|------------------|-----------|
| 317 | | PEORIA | 22 | 2 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |

* D4 JOINT REPAIR 2007-3

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

GENERAL NOTES

The name plate at the East abutment shall be salvaged and re-inserted.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

After fabrication, all structural steel and components shall be hot dip galvanized according to AASHTO M111 and ASTM A385. Cost included with "Strip Seal Expansion Joint Assembly".

Any steel plate application deemed necessary by the Contractor for use during joint removal and replacement shall be provided for at no additional cost to the Department.

The Contractor shall submit a proposed project sequence of work for approval by the Engineer at least two weeks prior to the start of work allowing for advance notice of traffic control media notifications. These delays shall concern all directions of traffic converging from the East entering the bridge approach lanes and any traffic delays caused by the Peoria-side bridge exit ramp onto NE. Adams.

If land access under bridge East abutment is necessary for Contractor personnel or equipment to construct Protective Shield, contact Greg Larson of the D4 Environmental Unit at (309) 3479 at least two days before work is to begin.

| REVISIONS | |
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| NAME | DATE |
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SNO72-0112/072-0113
I-474 over IL. 8

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: VERT. HORIZ.
DATE 01-20-2007

DRAWN BY CEJ
CHECKED BY

PLOT DATE : #DATE#
 FILE NAME : #FILE#
 PLOT SCALE : #SCALE#
 REFERENCE : #REF#

| | | | |
|---|--------|--------------|-----------|
| F.A.P. SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 317 | PEORIA | 22 | 3 |
| STA. 215+18.77 TO STA. 246+46.02 | | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | |
| • 04 JOINT REPAIR 2007-3 | | | |

SUMMARY OF QUANTITIES

100% STATE SAFETY - 2A
URBAN

| CODE NO. | ITEM | UNIT | PEORIA | TAZEWELL | TOTAL |
|----------|---|--------|--------|----------|--------|
| 42001300 | PROTECTIVE COAT | SQYD | 80 | 120 | 200 |
| 50102400 | CONCRETE REMOVAL | CUYD | 22.6 | 33.9 | 56.5 |
| 50157300 | PROTECTIVE SHIELD | SQYD | 187 | 233 | 420 |
| 50300255 | CONCRETE SUPERSTRUCTURE | CUYD | 22.6 | 33.9 | 56.5 |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 4,380 | 6,570 | 10,950 |
| 50800515 | BAR SPLICERS | EACH | 62 | 94 | 156 |
| 67100100 | MOBILIZATION | LSUM | 0.4 | 0.6 | 1 |
| 70100310 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701421 | LSUM | 0.4 | 0.6 | 1 |
| 70100320 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701422 | LSUM | 0 | 1 | 1 |
| 70100325 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701423 | EACH | 0.4 | 0.6 | 1 |
| 70100420 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 | EACH | 0 | 1 | 1 |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 5 | 8 | 13 |
| X7015105 | OPERATE CHANGEABLE MESSAGE SIGN | EACH | 0 | 2 | 2 |

PLOT DATE *DATE*
PLOT NAME *FILE*
PLOT SCALE *SCALE*
PLOT REFERENCE *REF*

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---------------------------------------|
| NAME | DATE | |
| | | SUMMARY OF QUANTITIES |
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SCALE: VERT. DRAWN BY CEJ
 HORIZ. CHECKED BY
 DATE 07-07-2006

11/11

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|---|--------|--------------|-----------|
| F.A.P. SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 317 | PEORIA | 22 | 4 |
| STA. 215+18.77 TO STA. 246+46.02 | | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | |
| • 04 JOINT REPAIR 2007-3 | | | |

SUMMARY OF QUANTITIES

100% STATE SAFETY - 2A
URBAN

| CODE NO. | ITEM | UNIT | PEORIA | TAZEWELL | TOTAL |
|------------|---|------|--------|----------|-------|
| 70300220 | TEMPORARY PAVEMENT MARKING-LINE 4" | FOOT | 0 | 800 | 800 |
| 70300520 | PAVEMENT MARKING TAPE, TYPE III, 4" | FOOT | 0 | 310 | 310 |
| 70301000 | WORKZONE PAVEMENT MARKING REMOVAL | SQFT | 460 | 690 | 1150 |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 1376 | 2064 | 3440 |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER | FOOT | 1376 | 2064 | 3440 |
| * 78005140 | EPOXY PAVEMENT MARKING-LINE 8" | FOOT | 0 | 120 | 120 |
| 78300100 | PAVEMENT MARKING REMOVAL | SQFT | 0 | 80 | 80 |
| * X7200200 | WIDE LOAD SIGNING | LSUM | 0 | 1 | 1 |
| 52000110 | PREFORMED JOINT STRIP SEAL | FOOT | 163 | 245 | 408 |
| Z0002700 | BARRICADES | EACH | 0 | 12 | 12 |
| Z0030250 | IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 | EACH | 0 | 1 | 1 |
| Z0030350 | IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3 | EACH | 0 | 1 | 1 |

* SPECIALTY ITEM

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | <p>SUMMARY OF QUANTITIES</p> <p>SCALE, VERT. DRAWN BY CEJ HORIZ. CHECKED BY DATE 07-07-2006</p> |
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| F.A.P. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-------------------|--------------|-----------|
| 317 | * | PEORIA | 22 | 5 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | | |
| D4 JOINT REPAIR 2007-3 | | | | |

SCHEDULE OF QUANTITIES

| | |
|--------------------------|----------|
| T, C, & P, 701411 - RAMP | |
| PEORIA COUNTY | 0.0 LSUM |
| TAZEWELL COUNTY | 1.0 LSUM |
| TOTAL = 1.0 LSUM | |

| | |
|------------------------------|----------|
| T, C, & P, 701421 - STAGE II | |
| PEORIA COUNTY | 0.4 LSUM |
| TAZEWELL COUNTY | 0.6 LSUM |
| TOTAL = 1.0 LSUM | |

| | |
|----------------------------|----------|
| T, C, & P, 701422 - US. 24 | |
| PEORIA COUNTY | 0.0 LSUM |
| TAZEWELL COUNTY | 1.0 LSUM |
| TOTAL = 1.0 LSUM | |

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|----------------------------|----------|
| T, C, & P, 701423 - BRIDGE | |
| PEORIA COUNTY | 0.0 EACH |
| TAZEWELL COUNTY | 1.0 EACH |
| TOTAL = 1.0 EACH | |

| | |
|------------------|----------|
| MOBILIZATION | |
| PEORIA COUNTY | 0.4 LSUM |
| TAZEWELL COUNTY | 0.6 LSUM |
| TOTAL = 1.0 LSUM | |

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|------------------------------|---------|
| TRAFFIC CONTROL SURVEILLANCE | |
| PEORIA COUNTY | 5 CALDA |
| TAZEWELL COUNTY | 8 CALDA |
| TOTAL = 13 CALDA | |

| | | | |
|------------------------------|-----------|------------------|-----------|
| PROTECTIVE SHIELD = 462 SQYD | | | |
| PEORIA COUNTY | | TAZEWELL COUNTY | |
| L4 | 46.2 SQYD | L25' | 46.2 SQYD |
| L8 | 46.2 SQYD | L21' | 46.2 SQYD |
| L12 | 46.2 SQYD | L12' | 46.2 SQYD |
| L25 | 46.2 SQYD | L8' | 46.2 SQYD |
| TOTAL = 185 SQYD | | L4' | 46.2 SQYD |
| | | E. ABUT. 46 SQYD | |
| | | TOTAL = 277 SQYD | |

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|------------------------------|-----------|-------------------|-----------|
| CONCRETE REMOVAL = 56.5 CUYD | | | |
| PEORIA COUNTY | | TAZEWELL COUNTY | |
| L4 | 5.65 CUYD | L25' | 5.75 CUYD |
| L8 | 5.65 CUYD | L21' | 5.60 CUYD |
| L12 | 5.65 CUYD | L12' | 5.75 CUYD |
| L25 | 5.65 CUYD | L8' | 5.75 CUYD |
| TOTAL = 22.6 CUYD | | L4' | 5.75 CUYD |
| | | E. ABUT. 5.3 CUYD | |
| | | TOTAL = 33.9 CUYD | |

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| CHANGEABLE MESSAGE SIGN = 2 CALMO | |
| TAZEWELL COUNTY | RT. 116 RAMPS & 24 |

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| BARRICADES = 12 EACH | |
| TAZEWELL COUNTY | |
| STAGE I (RT. 116 | |
| RAMP ENTRANCE LANE) | |

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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 SCALE: VERT. _____
 HORIZ. _____
 DATE 07-08-2006
 DRAWN BY CEJ
 CHECKED BY _____

PLT DATE = DATE
 PLOT NAME = FILE
 PLOT REFERENCE = REF

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-------------------|--------------|-----------|
| 317 | * | PEORIA | 22 | 6 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | | |
| * D4 JOINT REPAIR 2007-3 | | | | |

SCHEDULE OF QUANTITIES

| | | | |
|---------------------------------|-----------|-------------------|-----------|
| REINFORCEMENT BARS = 8050 POUND | | | |
| PEORIA COUNTY | | TAZEWELL COUNTY | |
| L4 | 805 POUND | L25' | 804 POUND |
| L8 | 805 POUND | L21' | 804 POUND |
| L12 | 805 POUND | L12' | 804 POUND |
| L25 | 805 POUND | L8' | 804 POUND |
| TOTAL= 3220 POUND | | L4' | 804 POUND |
| | | E. ABUT. | 810 POUND |
| | | TOTAL= 4830 POUND | |

| | | | |
|------------------------------------|-----------|------------------|-----------|
| CONCRETE SUPERSTRUCTURE= 56.5 CUYD | | | |
| PEORIA COUNTY | | TAZEWELL COUNTY | |
| L4 | 5.65 CUYD | L25' | 5.75 CUYD |
| L8 | 5.65 CUYD | L21' | 5.60 CUYD |
| L12 | 5.65 CUYD | L12' | 5.75 CUYD |
| L25 | 5.65 CUYD | L8' | 5.75 CUYD |
| TOTAL= 22.6 CUYD | | L4' | 5.75 CUYD |
| | | E. ABUT. | 5.3 CUYD |
| | | TOTAL= 33.9 CUYD | |

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|------------------------|---------|-----------------|---------|
| BAR SPLICERS= 156 EACH | | | |
| PEORIA COUNTY | | TAZEWELL COUNTY | |
| L4 | 16 EACH | L25' | 16 EACH |
| L8 | 16 EACH | L21' | 16 EACH |
| L12 | 16 EACH | L12' | 16 EACH |
| L25 | 16 EACH | L8' | 16 EACH |
| TOTAL= 62 EACH | | L4' | 16 EACH |
| | | E. ABUT. | 12 EACH |
| | | TOTAL= 94 EACH | |

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|---------------------------|-----------|-----------------|-----------|
| PROTECTIVE COAT= 200 SQYD | | | |
| PEORIA COUNTY | | TAZEWELL COUNTY | |
| L4 | 20.5 EACH | L25' | 20.9 EACH |
| L8 | 20.5 EACH | L21' | 20.9 EACH |
| L12 | 20.5 EACH | L12' | 20.9 EACH |
| L25 | 20.5 EACH | L8' | 20.9 EACH |
| TOTAL= 80 EACH | | L4' | 20.9 EACH |
| | | E. ABUT. | 15.7 EACH |
| | | TOTAL= 120 EACH | |

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|--------------------------------------|-----------|-----------------|-----------|
| PREFORMED JOINT STRIP SEAL= 408 FOOT | | | |
| PEORIA COUNTY | | TAZEWELL COUNTY | |
| L4 | 40.8 FOOT | L25' | 40.8 FOOT |
| L8 | 40.8 FOOT | L21' | 40.8 FOOT |
| L12 | 40.8 FOOT | L12' | 40.8 FOOT |
| L25 | 40.8 FOOT | L8' | 40.8 FOOT |
| TOTAL=163 FOOT | | L4' | 40.8 FOOT |
| | | E. ABUT. | 40.8 FOOT |
| | | TOTAL= 245 FOOT | |

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| TEMPORARY CONCRETE BARRIER= 3440 FOOT | | | |
| PEORIA COUNTY 1376 | | TAZEWELL COUNTY 2064 | |

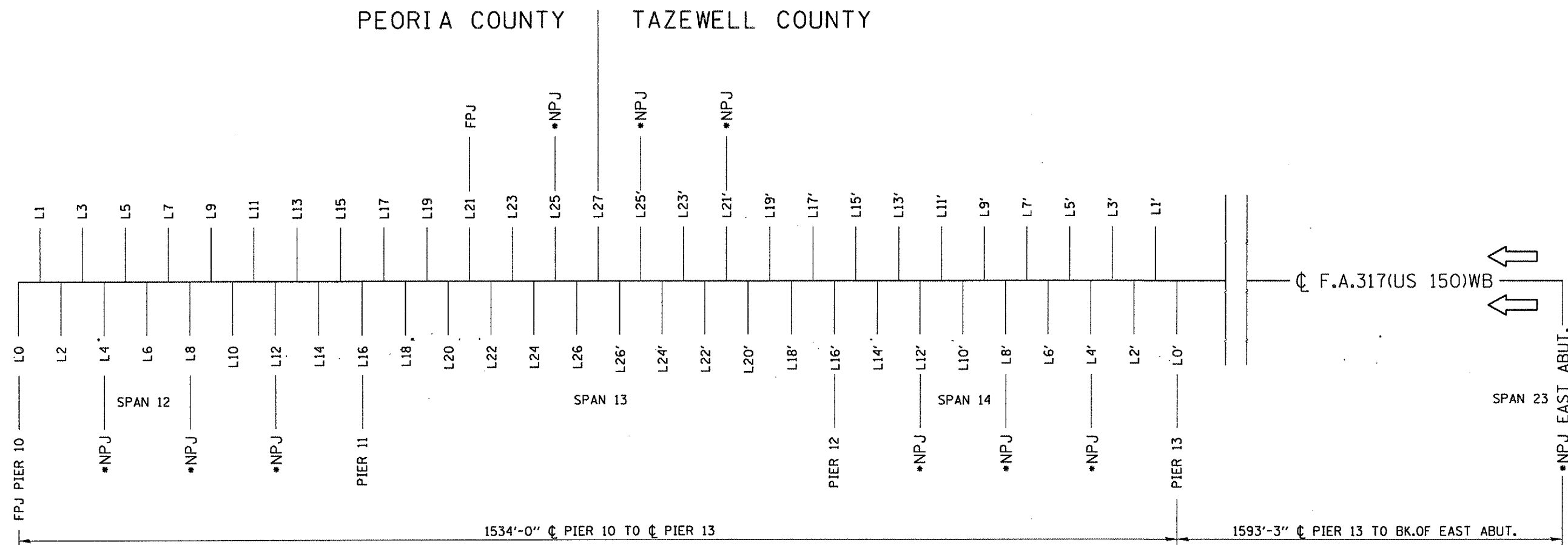
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| RELOCATE TEMPORARY CONCRETE BARRIER=3440 FOOT | | | |
| PEORIA COUNTY 1376 | | TAZEWELL COUNTY 2064 | |

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| WIDE LOAD SIGNING=1.0 LSUM | | | |
| TAZEWELL COUNTY 1.0 | | | |

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ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 VERT. SCALE: 1"=10'
 HORIZ. SCALE: 1"=40'
 DATE: 07-08-2006
 DRAWN BY: CEJ
 CHECKED BY:

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-------------------|--------------|-----------|
| 317 | * | PEORIA | 22 | 8 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | | |
| * D4 JOINT REPAIR 2007-3 | | | | |



**JOINT REPLACEMENT
PLAN**

- LEGEND**
- FPJ = FINGERPLATE JOINT
 - NPJ = NEOPRENE JOINT
 - *NPJ = TO BE REPLACED w/STRIP SEAL
 - L = TRUSS LOW POINT

SN.090-0115 US24/150
over IL. River

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

**STRUCTURE
LINE DIAGRAM**

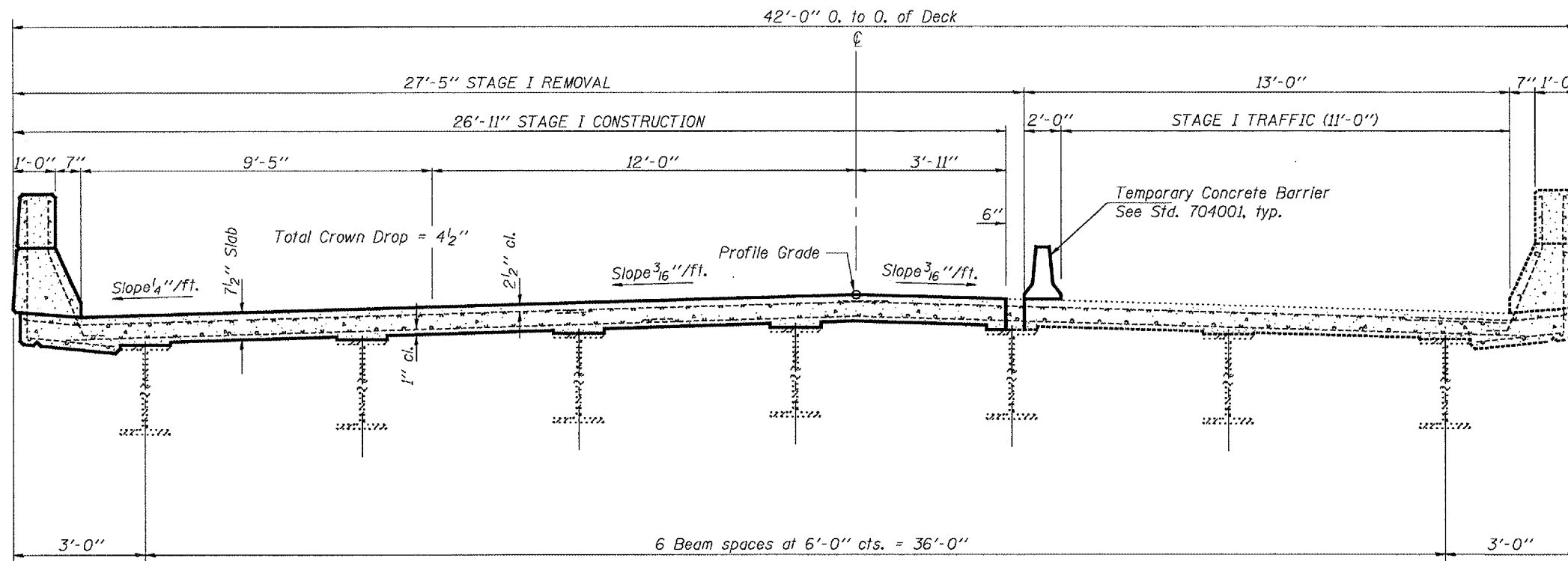
SCALE: VERT. DRAWN BY CEJ
 HORIZ. CHECKED BY
 DATE 02-07-2007

NOTE

* NPJ - A Protective Shield System according to Article 501.03 shall be constructed and maintained under the bridge deck at each of these joint locations during removal and replacement. The protective shield shall be 10' wide, centered on joint, out to out of deck, Typ.

PLOT DATE * DATE *
 FILE NAME * FILE *
 PLOT SCALE * REFERENCE *
 REFERENCE * REFERENCE *

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------------|---------|---------------------------|--------------|-----------|
| 317 | * | PEORIA | 22 | 9 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |
| * D4 JOINT REPAIR 2007-3 | | | | |

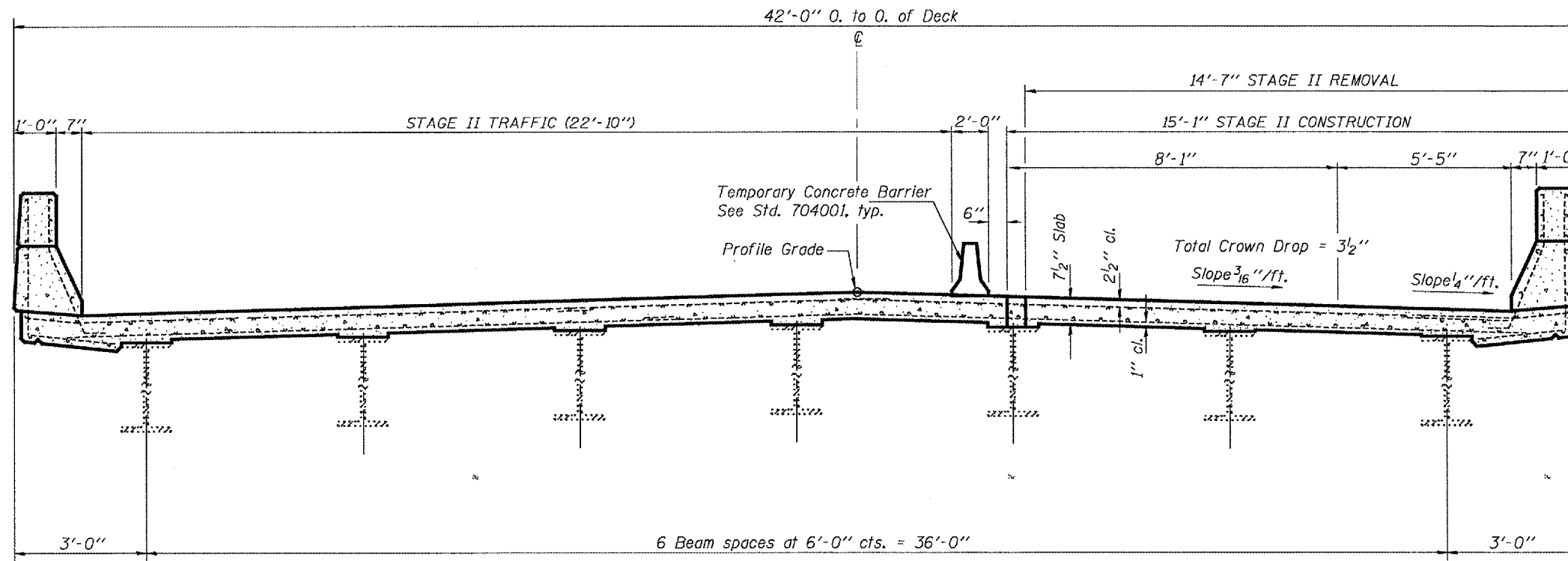


AT BOTTOM CHORD
COMPRESSION MEMBER

STAGE I CONSTRUCTION

SN 090-0115
(Looking East)

AT BOTTOM CHORD
TENSION MEMBER



AT BOTTOM CHORD
COMPRESSION MEMBER

STAGE II CONSTRUCTION

SN 090-0115
(Looking East)

AT BOTTOM CHORD
TENSION MEMBER

NOTE

Refer to Highway Standards 701411, 701422, and 701423 for exact placement of traffic management devices and other clarifications as construction staging symbols and dimensioning were duplicated off of this standard.

PLOT DATE = 04/25/2007
FILE NAME = 0900115a.dgn
PLOT SCALE = 1" = 10'-0"
REFERENCE = SHEET 9

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

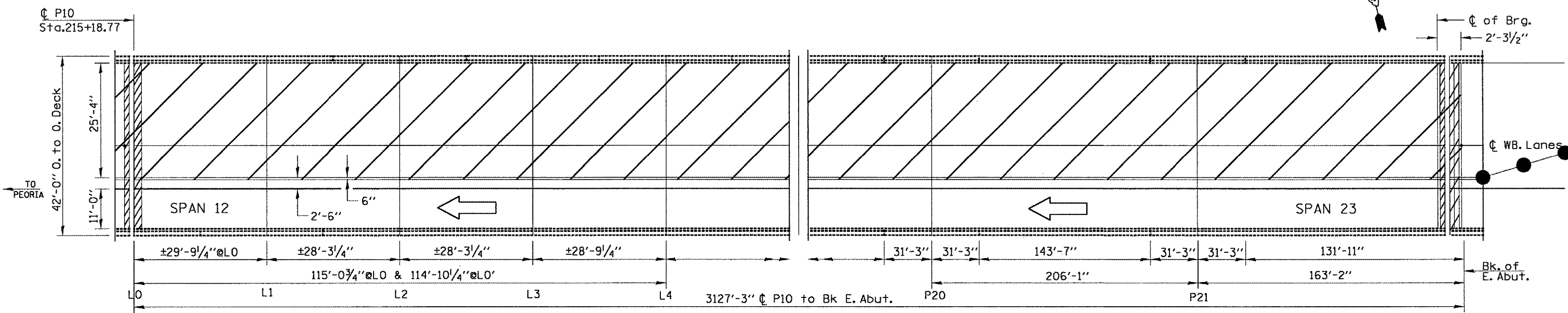
TRAFFIC CONTROL PLAN

SCALE: VERT. 1" = 4'-0"
HORIZ. 1" = 10'-0"
DATE 01-20-2007










DRAWN BY CEJ
CHECKED BY

SN.090-0115 US24
/150 over IL. River
Spans 12, 13, & 14

| | | | | |
|--------------------------|----------|-------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 317 | | PEORIA | 22 | 10 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT | | |
| • D4 JOINT REPAIR 2007-3 | | | | |



TRAFFIC PLAN - SPANS 12-23

-  Arrow Board
-  Work Area
-  Sign
-  Direction Indicator barricade with steady-burn monodirectional light
-  Type II barricade, drum, or vertical barricade w/steady-burn monodirectional light
-  Temporary concrete barrier
-  Type C Monodirectional reflector
-  Vertical panel w/steady-burn monodirectional light
-  Impact Attenuator

NOTE
 Refer to Highway Standards 701411, 701422, and 701423 for exact placement of traffic management devices and other clarifications as construction staging symbols and dimensioning were duplicated off of this standard.

PLOT DATE = 04/25/2007
 FILE NAME = 0900115a.dgn
 PLOT SCALE = 1/8"=1'-0"
 REFERENCE = NREF

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

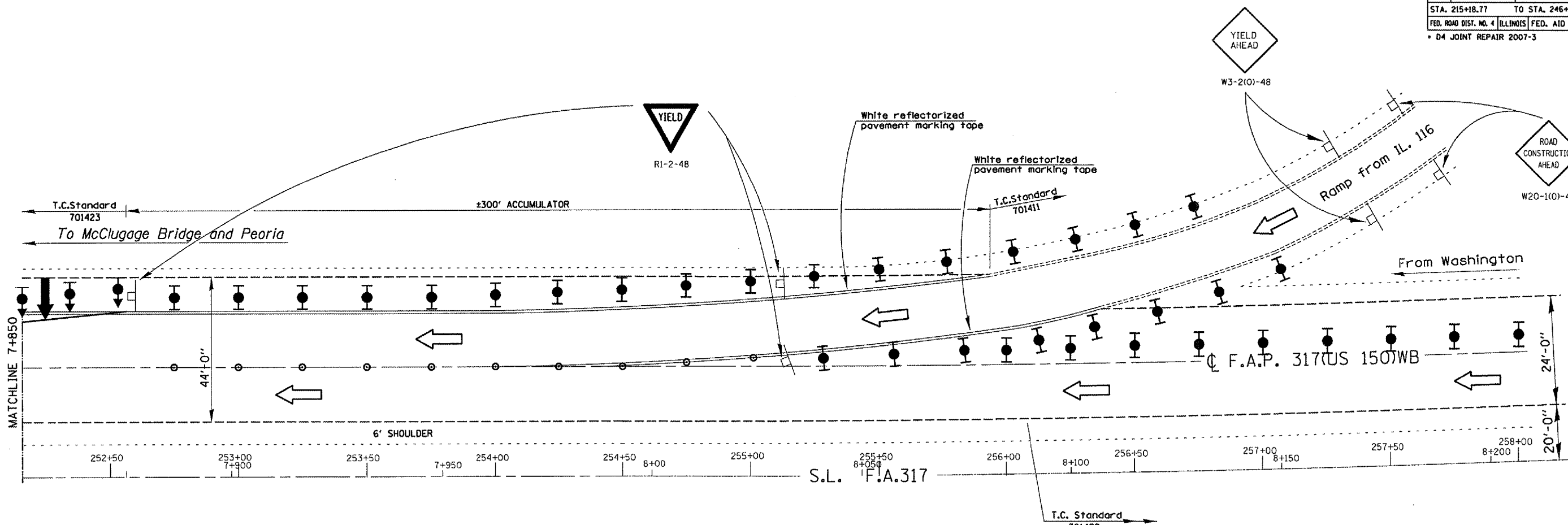
TRAFFIC CONTROL PLAN

SCALE: VERT. 1/8"=1'-0"
 HORIZ. 1/8"=1'-0"
 DATE 01-20-2007

DRAWN BY CEJ
 CHECKED BY

SN.090-0115 US24 /150 over IL River Spans 12, 13, & 14

| F.A.P. RITE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-------------------|--------------|-----------|
| 317 | * | PEORIA | 22 | 11 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | | |
| D4 JOINT REPAIR 2007-3 | | | | |



**STAGE I
TRAFFIC PLAN**

TRAFFIC CONTROL BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|-------------------------------------|---------|----------|
| T, C, & P, STANDARD 701411 | LSUM | 1 |
| T, C, & P, STANDARD 701421 | LSUM | 1 |
| T, C, & P, STANDARD 701422 | EACH | 1 |
| T, C, & P, STANDARD 701423 | EACH | 1 |
| TEMPORARY PAVEMENT MARKING-LINE 4" | FOOT | 800 |
| PAVEMENT MARKING TAPE, TYPE III, 4" | FOOT | 310 |
| BARRICADES | EACH | 12 |
| CHANGEABLE MESSAGE SIGN | CALMO | 2 |
| WIDE LOAD SIGNING | LSUM | 1 |
| WORKZONE PAVEMENT MARKING REMOVAL | SQ. FT. | 3440 |
| EPOXY PAVEMENT MARKING-LINE 8" | FOOT | 120 |
| PAVEMENT MARKING REMOVAL | SQ. FT. | 80 |

- Arrow Board
- Work Area
- Sign
- Direction Indicator barricade with steady-burn monodirectional light
- Type II barricade, drum, or vertical barricade w/steady-burn monodirectional light
- Type C Monodirectional reflector
- Vertical panel w/steady-burn monodirectional light
- Impact Attenuator
- Type II Barricade or Drum
- Temporary concrete barrier

NOTE
 Refer to Highway Standards 701411, (Applic. 2), 701422, and 701423 for exact placement of traffic management devices and other clarifications as construction staging symbols and dimensioning were duplicated off of these standards.
 Additional quantity requirements of Reflectorized pavement marking tape shall be included in cost of Highway Standard 701422.

| REVISIONS | |
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| NAME | DATE |
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SN.090-0115 US24/150
over IL River

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

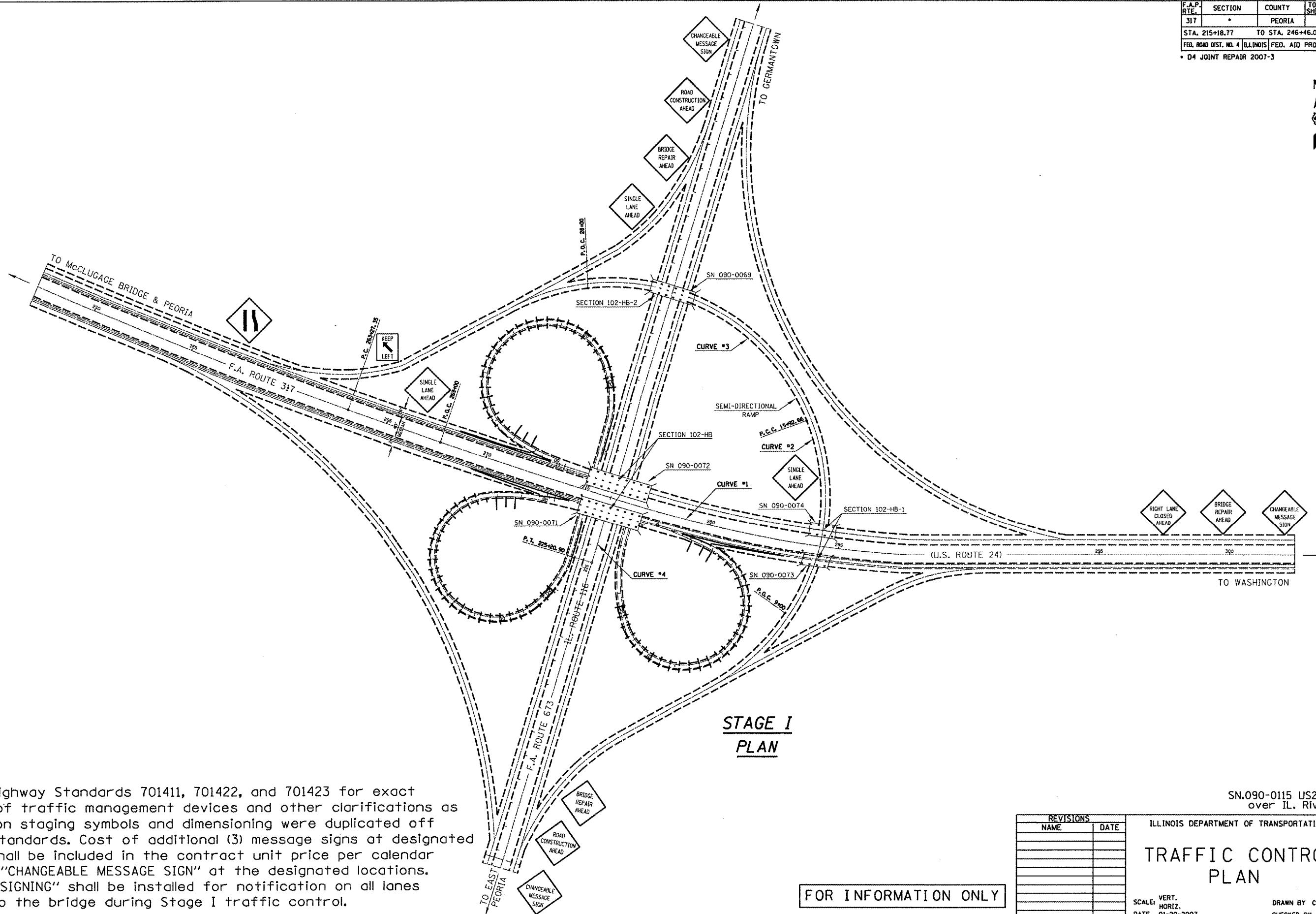
SCALE: VERT. _____
HORIZ. _____

DATE 03-22-2007

DRAWN BY CEJ
CHECKED BY _____

PLAT DATE * STATES
FILE NAME * REFERENCE
PLOT SCALE * SCALES
REFERENCE * SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------------|---------|-------------------|------------------|-----------|
| 317 | * | PEORIA | 22 | 12 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |
| * D4 JOINT REPAIR 2007-3 | | | | |



**STAGE I
PLAN**

NOTE:
Refer to Highway Standards 701411, 701422, and 701423 for exact placement of traffic management devices and other clarifications as construction staging symbols and dimensioning were duplicated off of these standards. Cost of additional (3) message signs at designated locations shall be included in the contract unit price per calendar month for "CHANGEABLE MESSAGE SIGN" at the designated locations. "WIDE-LOAD SIGNING" shall be installed for notification on all lanes leading onto the bridge during Stage I traffic control.

PLAT DATE * DATES
FILE NAME * FILES
SCALE * SHEETS
REFERENCE * SHEETS

FOR INFORMATION ONLY

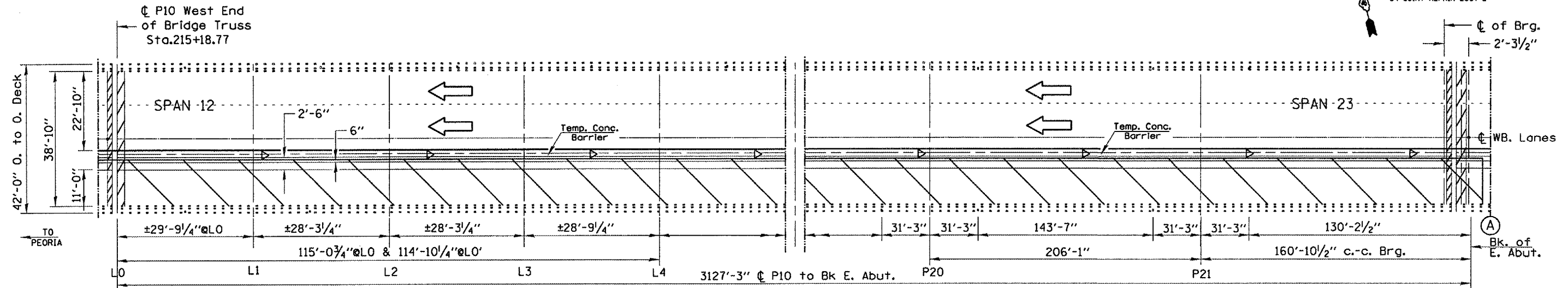
SN.090-0115 US24/150
over IL. River

| REVISIONS | |
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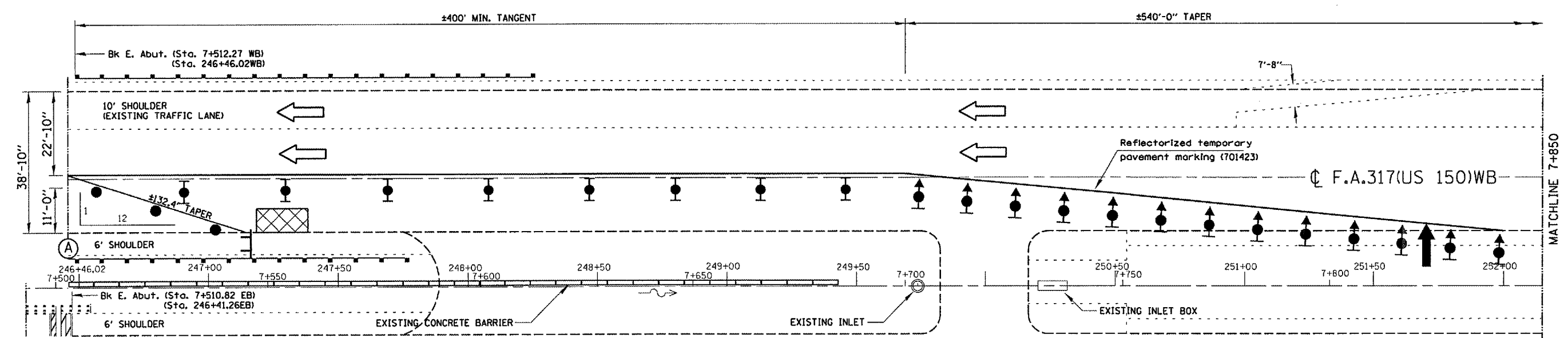
ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL
PLAN**
SCALE: VERT. DRAWN BY CEJ
 HORIZ. CHECKED BY
DATE 01-20-2007

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-------------------|--------------|-----------|
| 317 | | PEORIA | 22 | 13 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | | |

* D4 JOINT REPAIR 2007-3



STAGE II TRAFFIC PLAN - SPANS 12-23



STAGE II TRAFFIC PLAN

- Arrow Board
- Work Area
- Sign
- Direction Indicator barricade with steady-burn monodirectional light
- Type III Barricade
- Type II barricade, drum, or vertical barricade w/steady-burn monodirectional light
- Temporary concrete barrier
- Type C Monodirectional reflector
- Vertical panel w/steady-burn monodirectional light
- Impact Attenuator

NOTE
 Refer to Highway Standards 701421, and 701423 for exact placement of traffic management devices and other clarifications as construction staging symbols and dimensioning were duplicated off of these standards. Using Standard 701421 during Stage II a portion of the traffic lane next to concrete barrier on the bridge deck may be used for material delivery vehicles during low-traffic daytime hours of 8:30AM-3:00PM for construction installations only. Access to this lane closure shall not be used for Contractor vehicle parking at any time.

PLOT DATE
 DATE
 PLOT SCALE
 SCALE
 REFERENCE
 REFERENCE

| REVISIONS | |
|-----------|------|
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SN.090-0115 US24/150 over IL. River

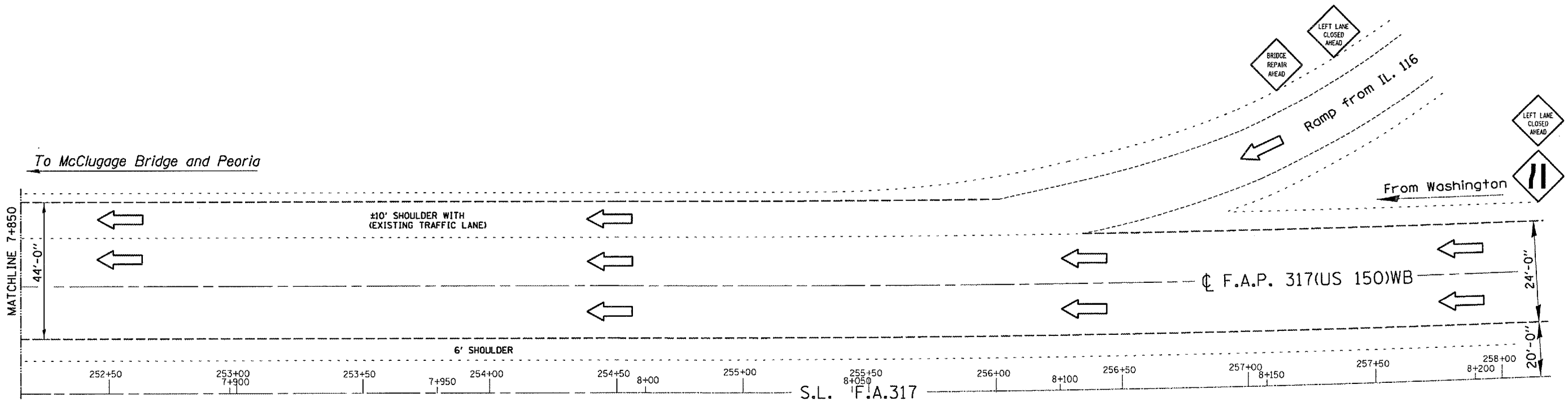
ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

SCALE: VERT. 1"=10'
 HORIZ. 1"=40'
 DATE 01-20-2007

DRAWN BY CEJ
 CHECKED BY

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------------|---------|---------------------------|--------------|-----------|
| 317 | | PEORIA | 22 | 14 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |
| • D4 JOINT REPAIR 2007-3 | | | | |



**STAGE II
TRAFFIC PLAN**

NOTE

Refer to Highway Standards 701421, and 701423 for exact placement of traffic management devices and other clarifications as construction staging symbols and dimensioning were duplicated off of these standards. Using Standard 701421 during Stage II a portion of the traffic lane next to concrete barrier on the bridge deck may be used for material delivery vehicles during low-traffic daytime hours of 8:30AM-3:00PM for construction installations only. Access to this lane closure shall not be used for Contractor vehicle parking at any time.

PLOT DATE: * DATES
FILE NAME: * FILES
PLOT SCALE: * SCALES
REFERENCE: * SHEETS

- Arrow Board
- Work Area
- Sign
- Direction Indicator barricade with steady-burn monodirectional light
- Type II barricade, drum, or vertical barricade w/ steady-burn monodirectional light
- Type II Barricade or Drum
- Temporary concrete barrier
- Type C Monodirectional reflector
- Vertical panel w/ steady-burn monodirectional light
- Impact Attenuator

| REVISIONS | |
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| NAME | DATE |
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SN.090-0115 US24/150 over IL. River

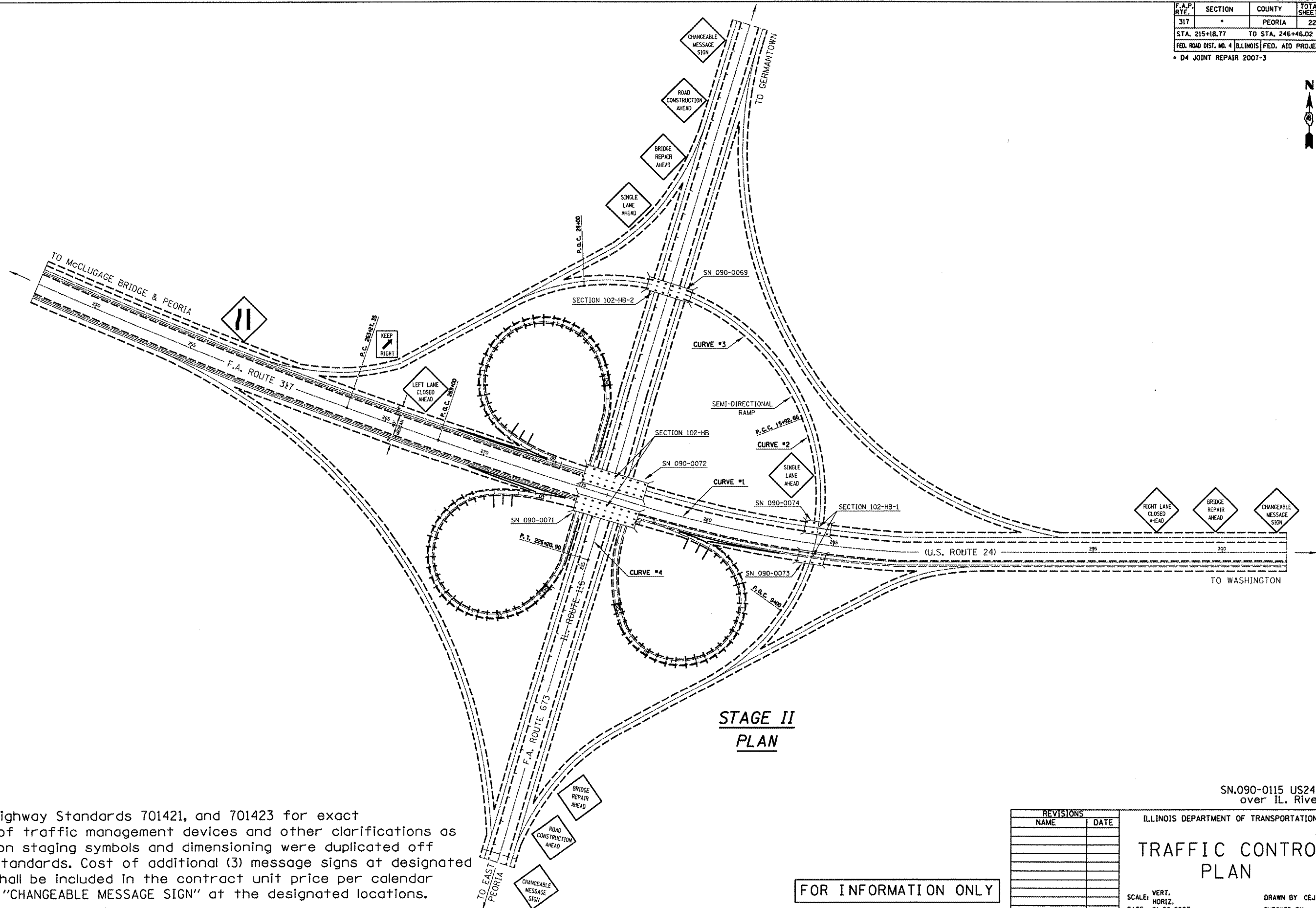
ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

SCALE: VERT. DRAWN BY CEJ
 HORIZ. CHECKED BY
 DATE 01-20-2007

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|---------|-------------------|------------------|-----------|
| 317 | * | PEORIA | 22 | 15 |
| STA. 215+18.77 | | TO STA. 246+46.02 | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |

* D4 JOINT REPAIR 2007-3



**STAGE II
PLAN**

NOTE:
Refer to Highway Standards 701421, and 701423 for exact placement of traffic management devices and other clarifications as construction staging symbols and dimensioning were duplicated off of these standards. Cost of additional (3) message signs at designated locations shall be included in the contract unit price per calendar month for "CHANGEABLE MESSAGE SIGN" at the designated locations.

PLOT DATE * MONTH * DAY * YEAR
PLOT SCALE * HORIZONTAL * VERTICAL
REFERENCE * SHEET * REFERENCE

FOR INFORMATION ONLY

SN.090-0115 US24/150
over IL. River

| REVISIONS | |
|-----------|------|
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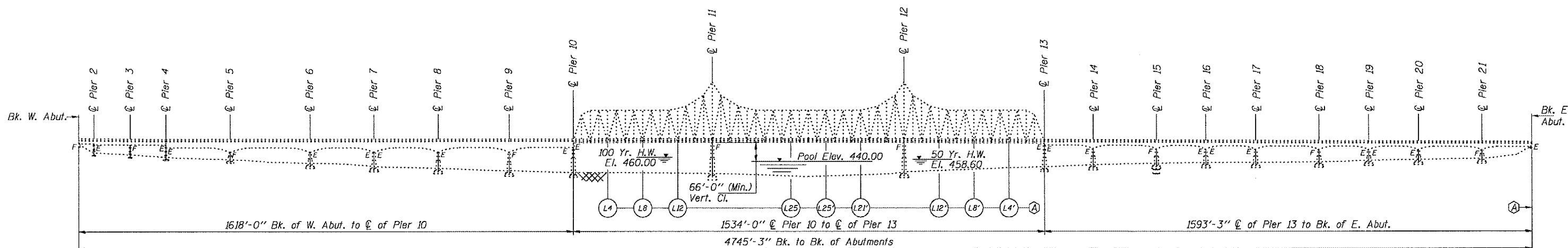
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN
SCALE: VERT. * HORIZ. *
DATE 01-20-2007
DRAWN BY CEJ
CHECKED BY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | DATE | SHEET NO. |
|-----------------------|----------|-------------------|------|-----------|
| US 150/24 | | PEORIA TAZEWELL | 22 | 16 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- | | |

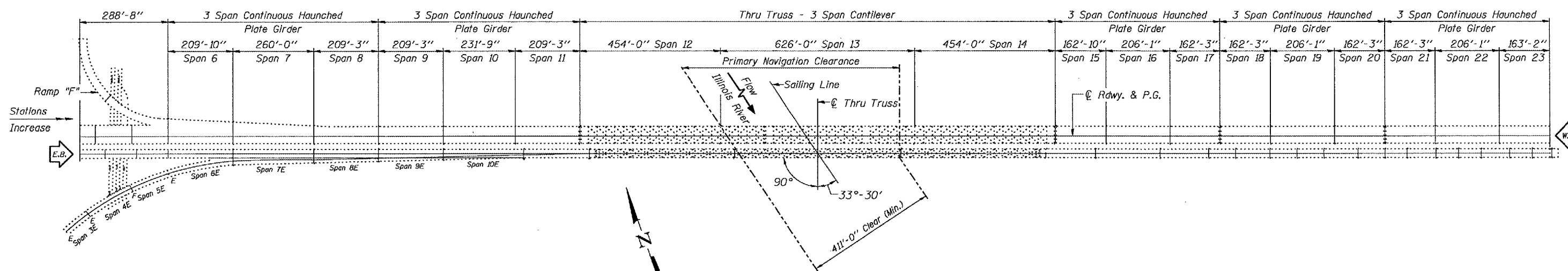
SHEET NO. 1
7 SHEETS

Contract Number: 68695



ELEVATION

(A) - Remove existing Neoprene expansion joint & replace with Preformed Joint Strip Seal.



PLAN

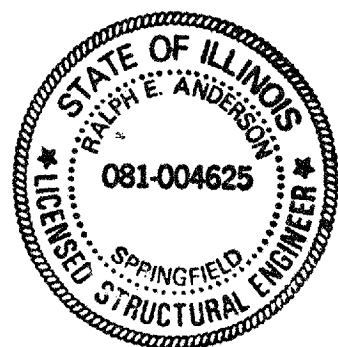
GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
Reinforcement bars designated (E) shall be epoxy coated.
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 adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

TOTAL BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|----------------------------------|---------|----------|
| Concrete Removal | Cu. Yd. | 56.5 |
| Concrete Superstructure | Cu. Yd. | 56.5 |
| Reinforcement Bars, Epoxy Coated | Pound | 10950 |
| Preformed Joint Strip Seal | Foot | 408 |
| Bar Splicers | Each | 156 |
| Protective Coat | Sq. Yd. | 200.4 |

BRIDGE REPAIRS
FAP 317
PEORIA/TAZEWELL COUNTIES
SN 090-0115



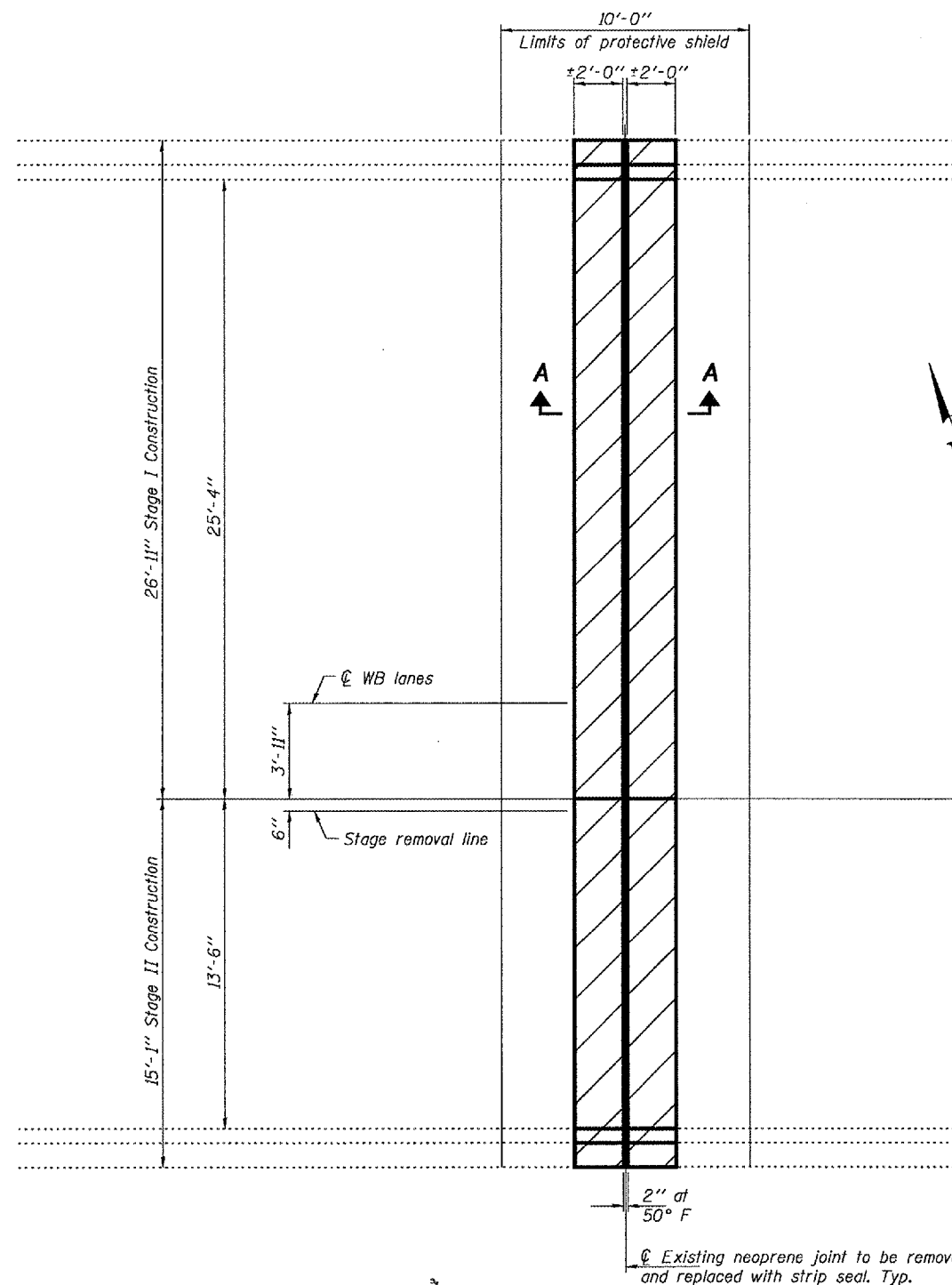
EXPIRES 11-30-2008

| | | |
|----------|---------------------|------------------------------------|
| DESIGNED | <i>Angela Gots</i> | APRIL 24, 2007 |
| CHECKED | <i>Paul Blalock</i> | EXAMINED <i>Ralph E. Anderson</i> |
| DRAWN | <i>balliva</i> | PASSED <i>Ralph E. Anderson</i> |
| CHECKED | <i>AJB / Srp</i> | ENGINEER OF BRIDGES AND STRUCTURES |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

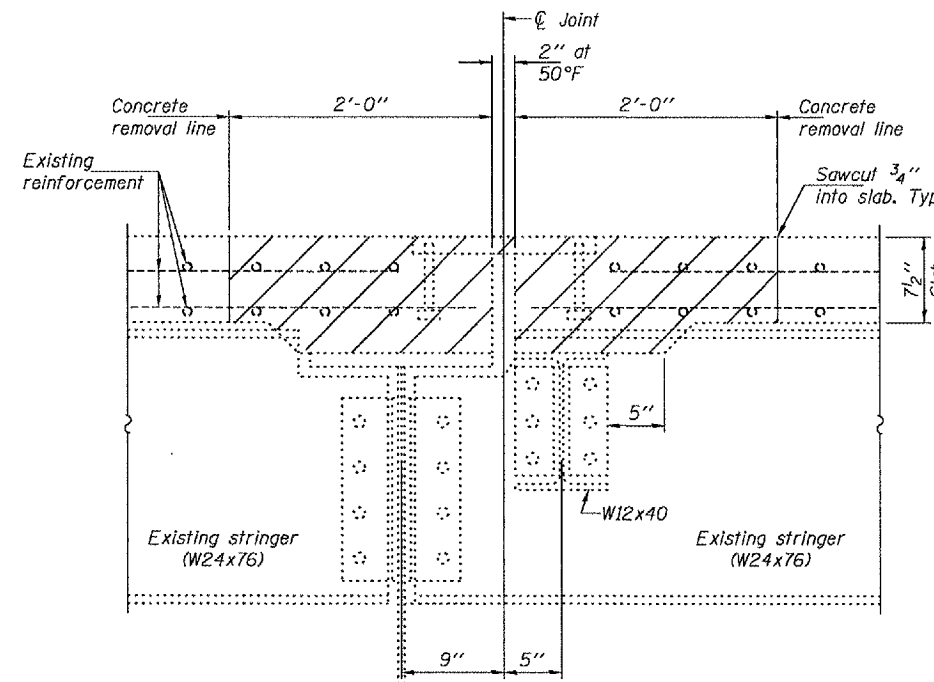
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|-----------------------|---------|--------------------|------|-------|-------------------------|
| ROUTE NO. | SECTION | COUNTY | DATE | SHEET | SHEET NO. 2 7 SHEETS |
| US 150/24 | | PEORIA TAZEWELL | 22 | 17 | |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | | | |

Contract Number: 68695



PLAN

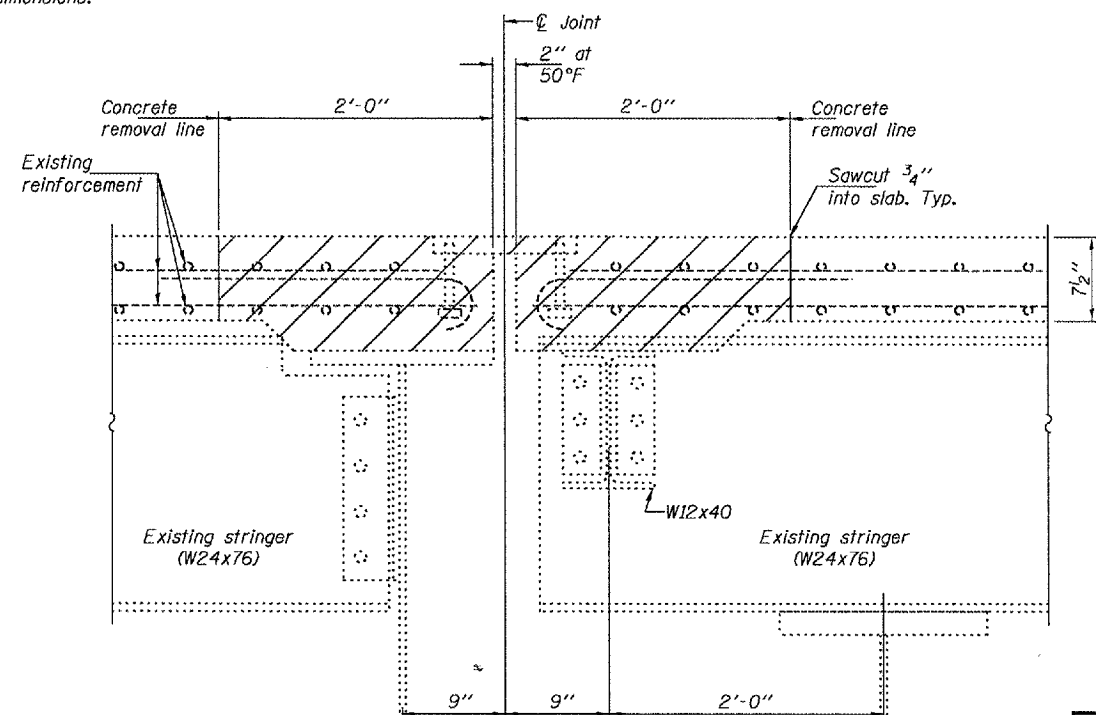
(Typ. at L4, L8, L12, L25, L25', L21', L12', L8' & L4')



SECTION A-A

(Typ. at L4, L8, L12, L25, L25', L12', L8' & L4')

Hatched areas indicate removal.
See sheet 3 of 7 for parapet dimensions.



SECTION A-A

(Typ. at L21')

Note:
The Contractor shall use caution so as to not damage the conduit in the north parapet. Any damage shall be repaired to the satisfaction of the engineer, at the Contractor's expense.

BILL OF MATERIAL

| Item | Unit | Total |
|------------------|---------|-------|
| Concrete Removal | Cu. Yd. | 51.2 |

**TRUSS
JOINT REMOVAL DETAILS
FAP 317
PEORIA/TAZEWELL COUNTIES
SN 090-0115**

| | |
|----------|---------|
| DESIGNED | AJB |
| CHECKED | SJB |
| DRAWN | ballva |
| CHECKED | AJB SJB |

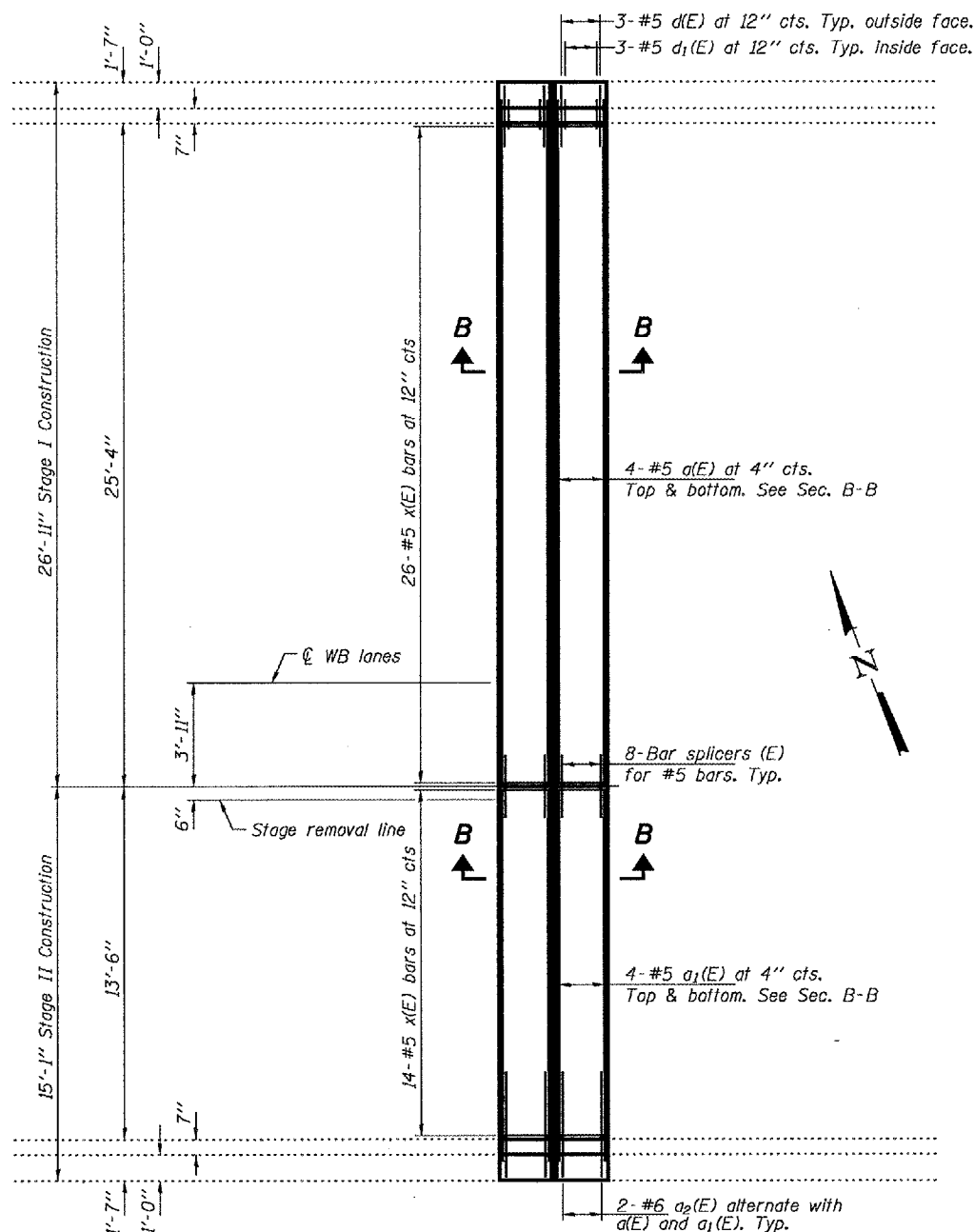
APRIL 24, 2007
EXAMINED *A. Carl Krusey*
PASSED *Ralph E. Anderson*
REPAIR PLANS UNIT CHIEF
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|----------|--------------------|--------------|-----------|
| US 150/24 | | PEORIA TAZEWELL | 22 | 18 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | |

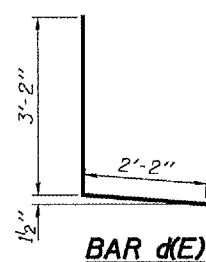
SHEET NO. 3
7 SHEETS

Contract Number: 68695

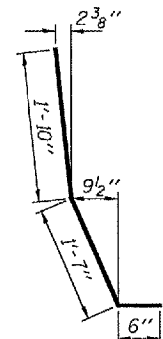


PLAN

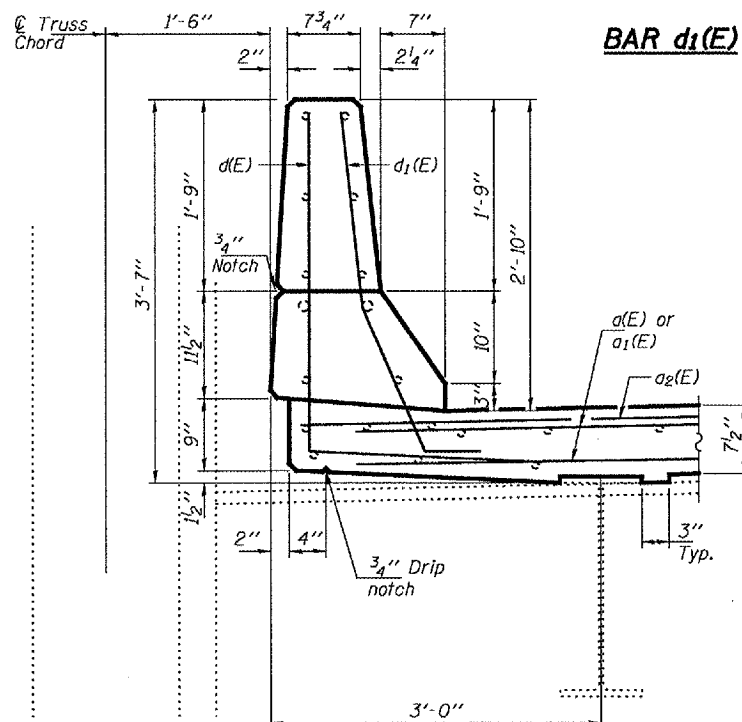
(Typ. at L4, L8, L12, L25,
L25', L21', L12', L8' & L4')



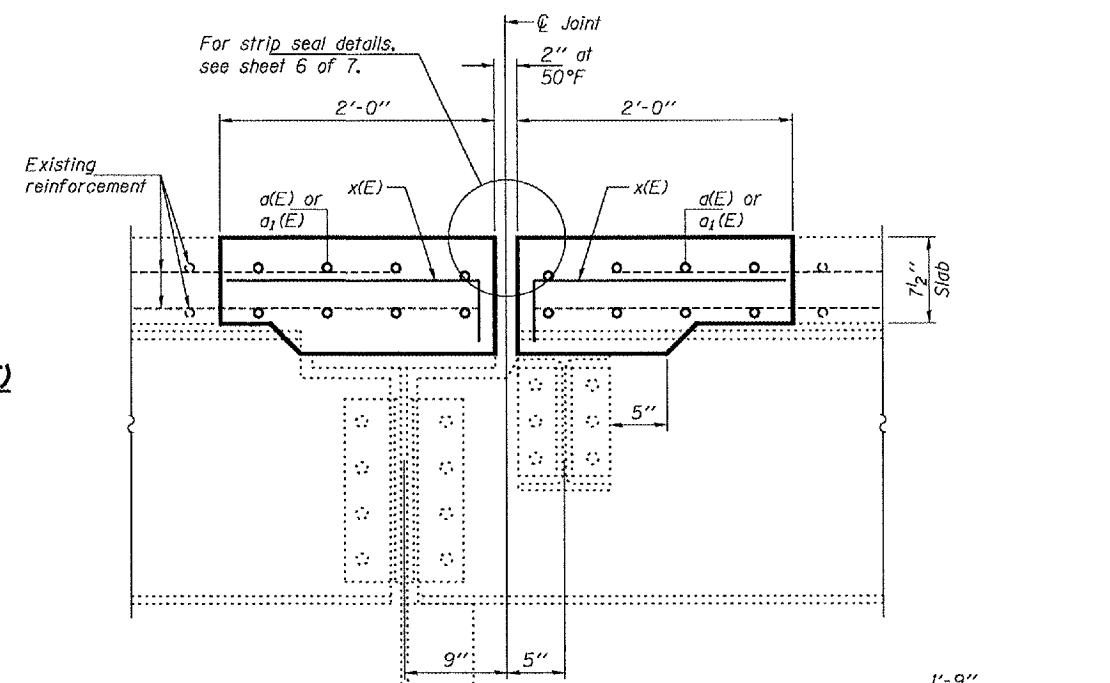
BAR d(E)



BAR d1(E)

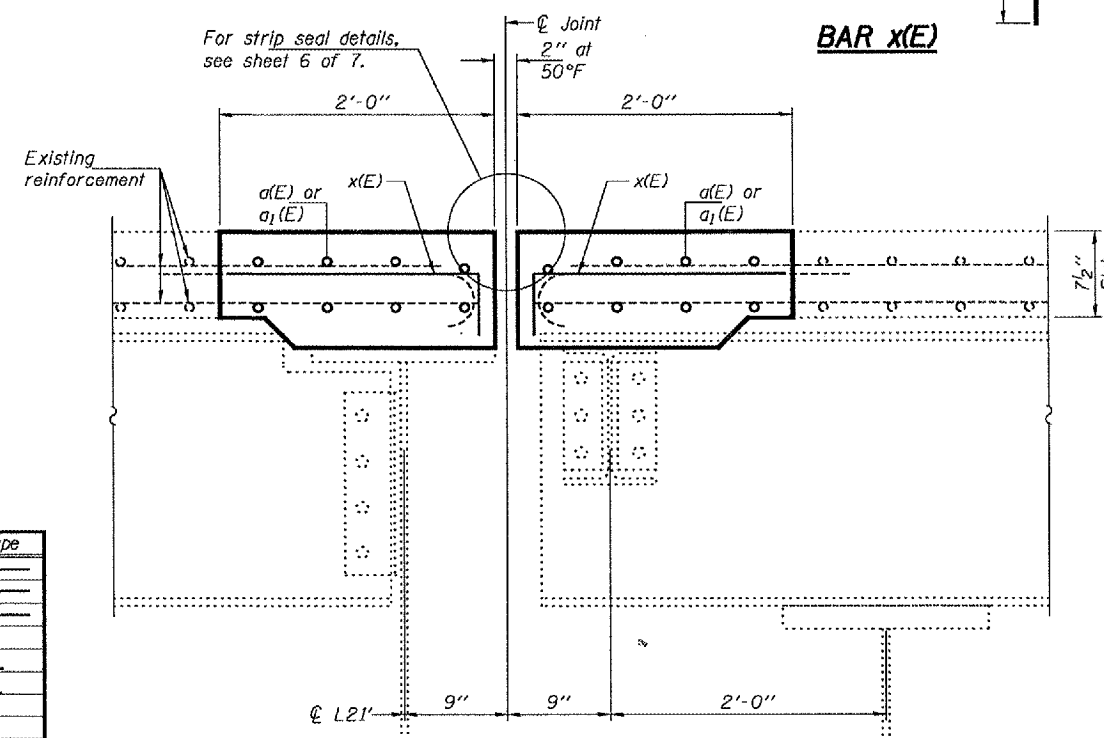


SECTION THRU PARAPET



SECTION B-B

(Typ. at L4, L8, L12, L25,
L25', L12', L8' & L4')



SECTION B-B

(Typ. at L21')

BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|----------------------------------|-----|---------|--------|-------|
| a(E) | 144 | #5 | 26'-3" | — |
| a1(E) | 144 | #5 | 14'-5" | — |
| a2(E) | 72 | #6 | 6'-0" | — |
| d(E) | 108 | #5 | 5'-4" | L |
| d1(E) | 108 | #5 | 3'-11" | L |
| x(E) | 720 | #6 | 2'-2" | — |
| Reinforcement Bars, Epoxy Coated | | Pound | 10140 | |
| Concrete Superstructure | | Cu. Yd. | 51.2 | |
| Bar Splicers | | Each | 144 | |
| Protective Coat | | Sq. Yd. | 184.7 | |

| | |
|----------|---------|
| DESIGNED | AJB |
| CHECKED | SJB |
| DRAWN | baliva |
| CHECKED | AJB SJB |

APRIL 24, 2007
 EXAMINED *Carl Prosser*
 PASSED *Ralph E. Anderson*
 REPAIR PLANS UNIT CHIEF
 ENGINEER OF BRIDGES AND STRUCTURES

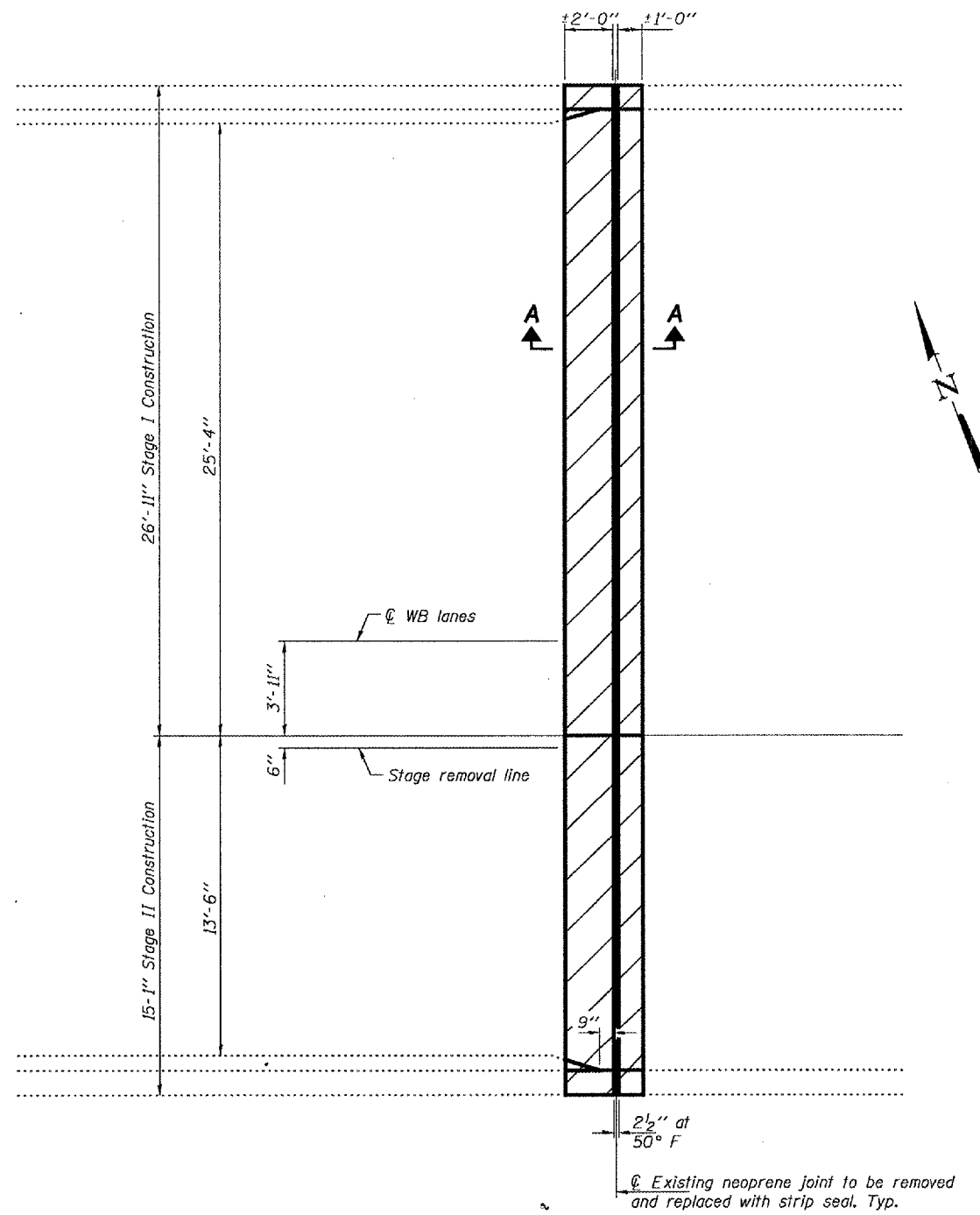
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
 Reinforcement bars designated (E) shall be epoxy coated.
 Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction.
 Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system.
 Cost included with Concrete Removal.

TRUSS
JOINT REPLACEMENT DETAILS
FAP 317
PEORIA/TAZEWELL COUNTIES
SN 090-0115

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

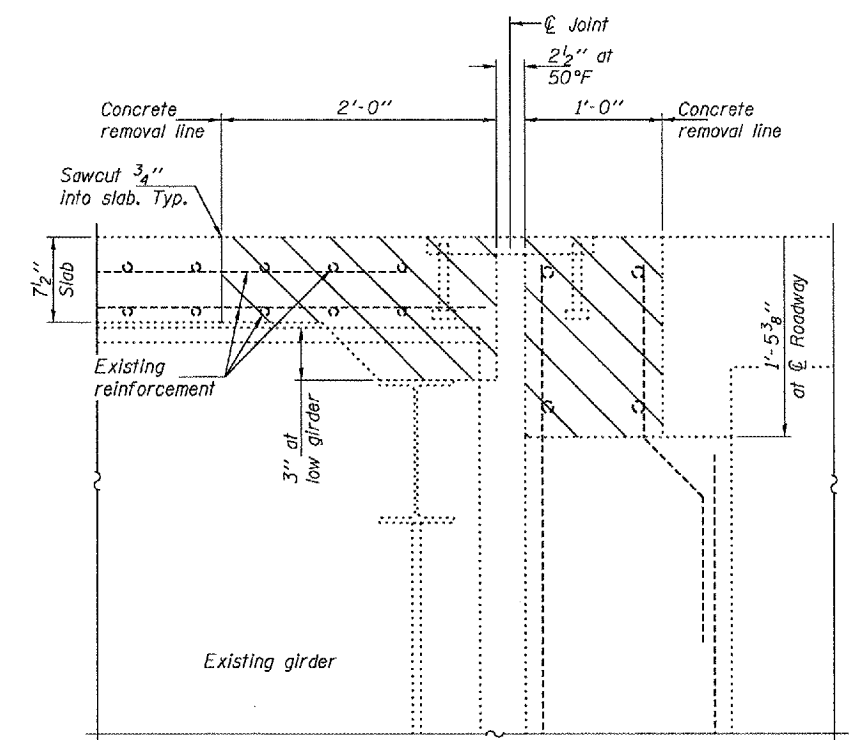
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| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | SHEET NO. 4 |
| US 150/24 | | PEORIA TAZEWELL | 22 | 19 | 7 SHEETS |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | | |

Contract Number: 68695



PLAN
(Typ. at East Abutment)

Hatched areas indicate removal.
See sheet 5 of 7 for parapet dimensions.



SECTION A-A

Note:
The Contractor shall use caution so as to not damage the conduit in the north parapet. Any damage shall be repaired to the satisfaction of the engineer, at the Contractor's expense.

BILL OF MATERIAL

| Item | Unit | Total |
|------------------|---------|-------|
| Concrete Removal | Cu. Yd. | 5.3 |

**EAST ABUTMENT
JOINT REMOVAL DETAILS
FAP 317
PEORIA/TAZEWELL COUNTIES
SN 090-0115**

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|----------|---------|
| DESIGNED | AJB |
| CHECKED | SJB |
| DRAWN | baliva |
| CHECKED | AJB SJB |

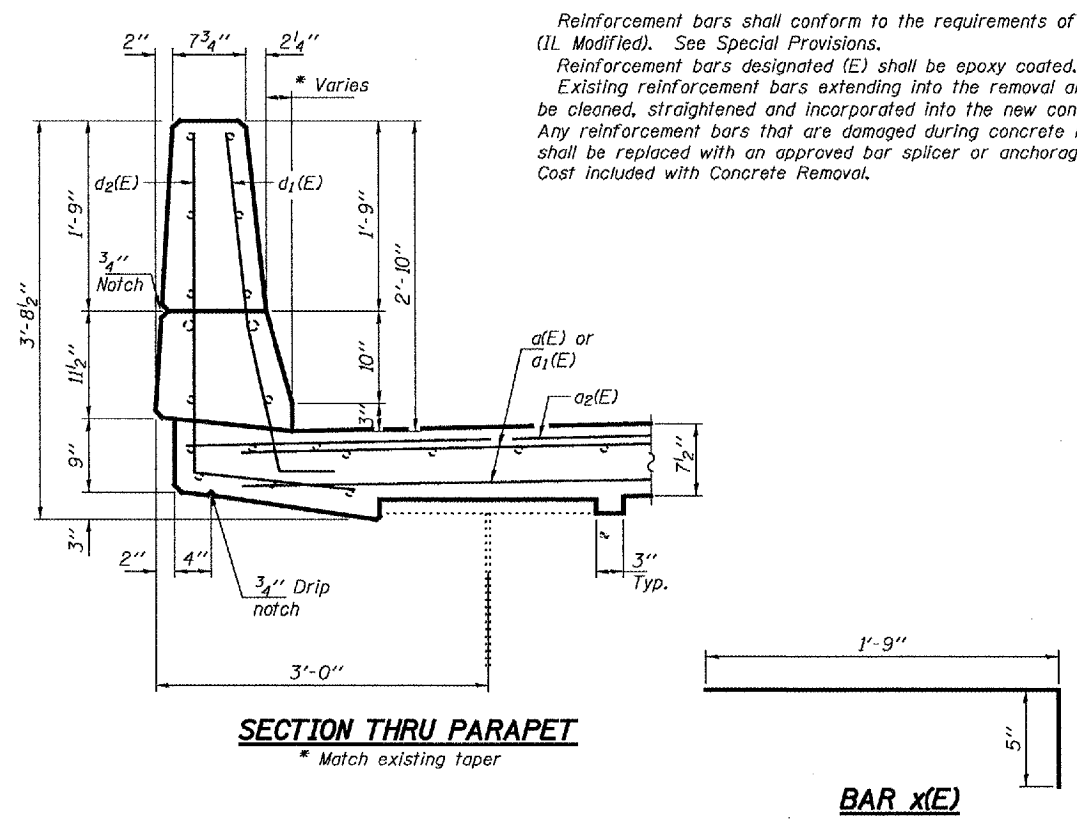
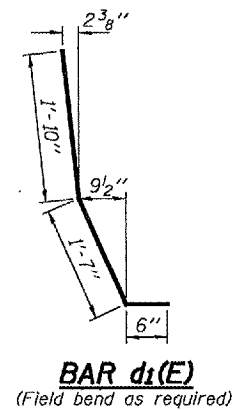
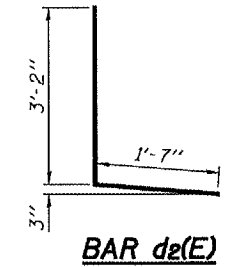
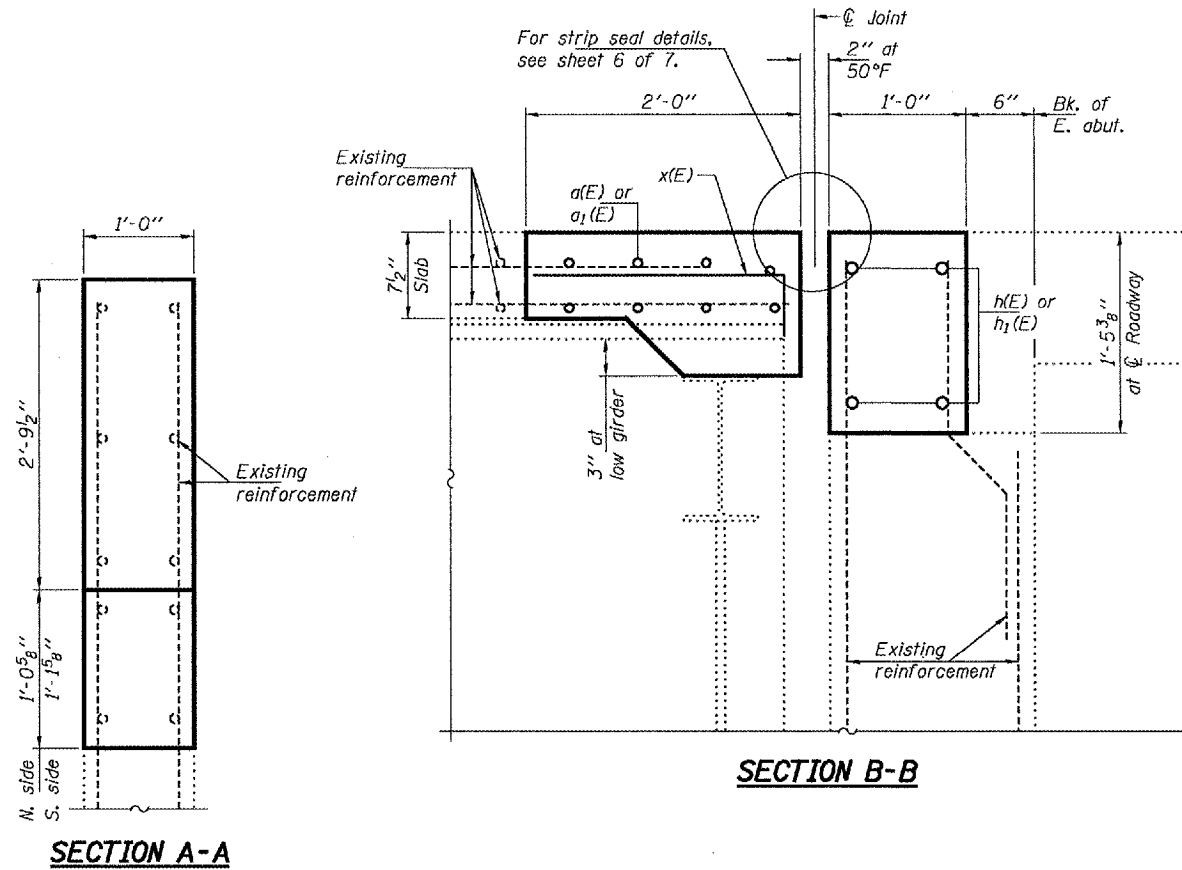
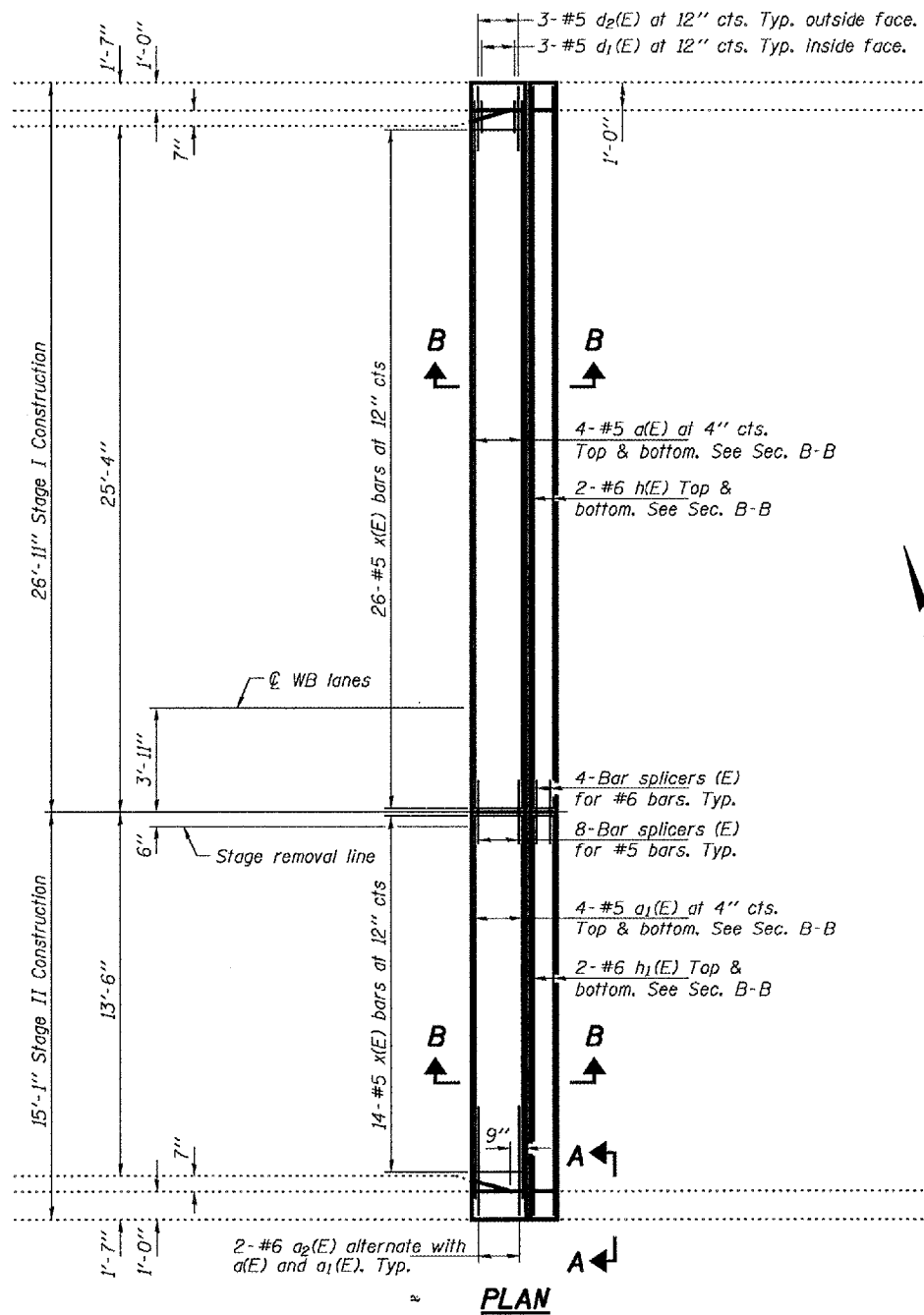
APRIL 24, 2007
EXAMINED *A. Carl Hoyer*
REPAIR PLANS UNIT CHIEF
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | DATE | SHEET |
|-----------------------|---------|--------------------|------|-------|
| US 150/24 | | PEORIA TAZEWELL | 22 | 20 |
| FED. ROAD DIST. NO. 7 | | SHEET NO. 5 | | |

7 SHEETS

Contract Number: 68695



BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|----------------------------------|-----|---------|--------|-------|
| a(E) | 8 | #5 | 26'-3" | — |
| a ₁ (E) | 8 | #5 | 14'-5" | — |
| a ₂ (E) | 4 | #6 | 6'-0" | — |
| d ₁ (E) | 6 | #5 | 3'-11" | L |
| d ₂ (E) | 6 | #5 | 4'-9" | L |
| h(E) | 4 | #6 | 26'-7" | — |
| h ₁ (E) | 4 | #6 | 14'-9" | — |
| x(E) | 40 | #6 | 2'-2" | — |
| Reinforcement Bars, Epoxy Coated | | Pound | 810 | |
| Concrete Superstructure | | Cu. Yd. | 5.3 | |
| Bar Splicers | | Each | 12 | |
| Protective Coat | | Sq. Yd. | 15.7 | |

EAST ABUTMENT
JOINT REPLACEMENT DETAILS
FAP 317
PEORIA/TAZEWELL COUNTIES
SN 090-0115

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|----------|---------|
| DESIGNED | AJB |
| CHECKED | SJB |
| DRAWN | baliva |
| CHECKED | AJB SJB |

APRIL 24, 2007

EXAMINED *Carl Proyer*

PASSED *Ralph E. Anderson*

REPAIR PLANS UNIT CHIEF
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|----------|------------------|--------------|-----------|
| US 150/24 | | PEORIA TAZEWELL | 22 | 21 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | |

SHEET NO. 6
7 SHEETS

Contract Number: 68695

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

Notes:

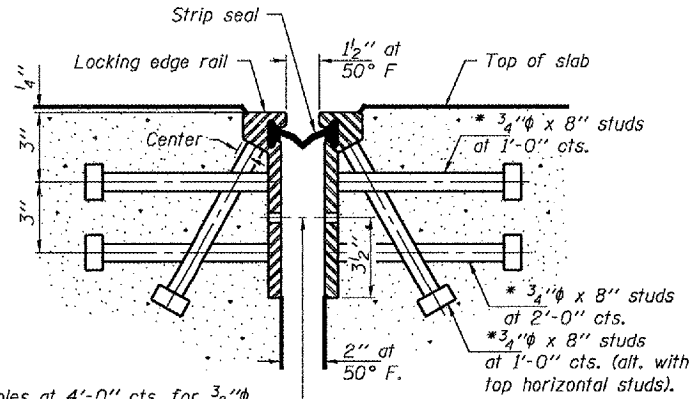
The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

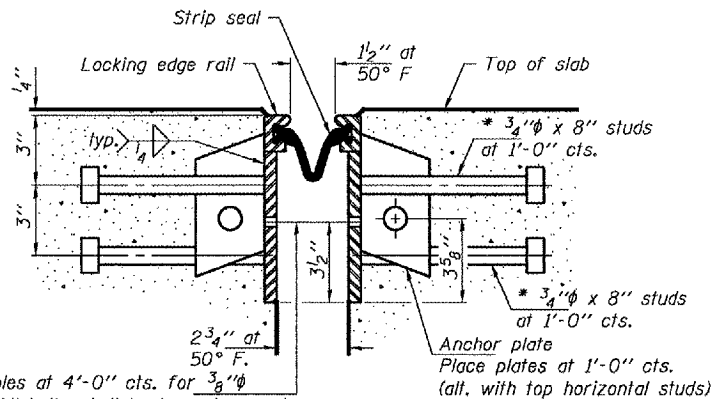
The manufacturer's recommended installation methods shall be followed.

The joint opening and deck dimensions detailed on the superstructure are based on a rolled rail expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.



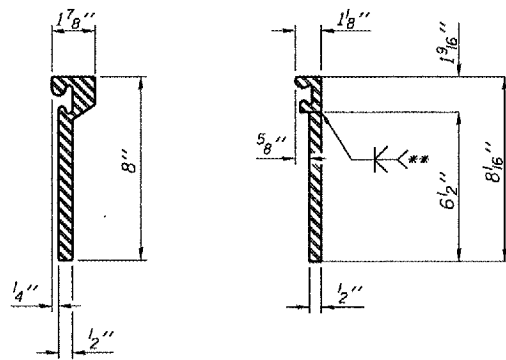
7/16" holes at 4'-0" cts. for 3/8" bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.



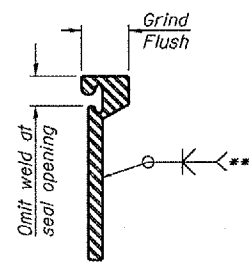
7/16" holes at 4'-0" cts. for 3/8" bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

SECTION THRU
ROLLED RAIL JOINT

SECTION THRU
WELDED RAIL JOINT



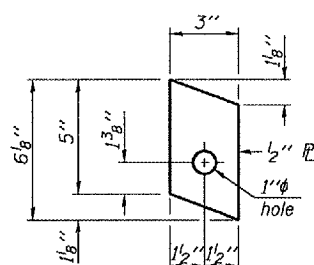
ROLLED
(EXTRUDED) RAIL WELDED RAIL



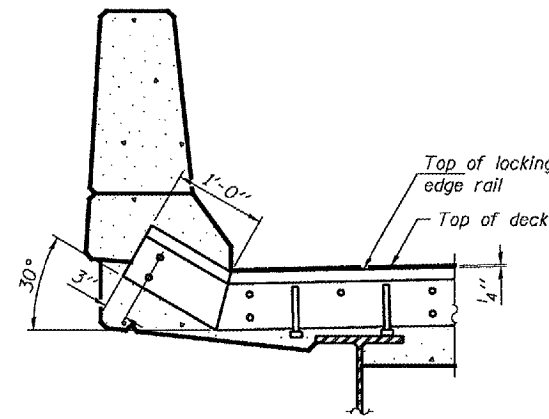
** Back gouge not required if complete joint penetration is verified by mock-up.

LOCKING EDGE
RAIL SPLICE

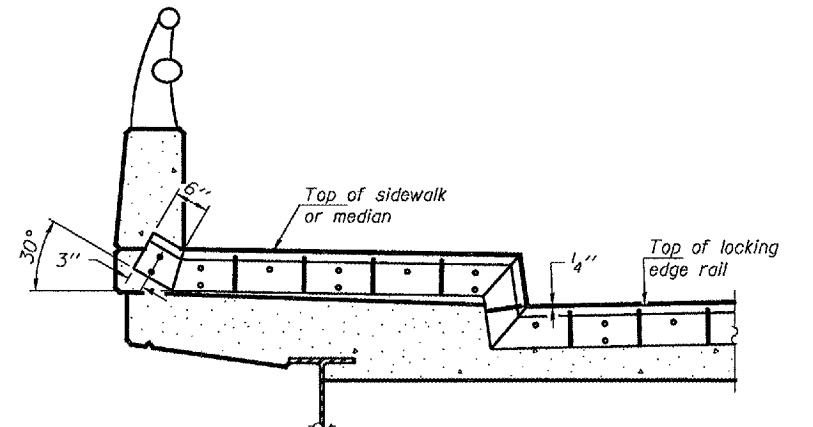
The inside of the locking edge rail groove shall be free of weld residue.



ANCHOR PLATE
(for welded rail)



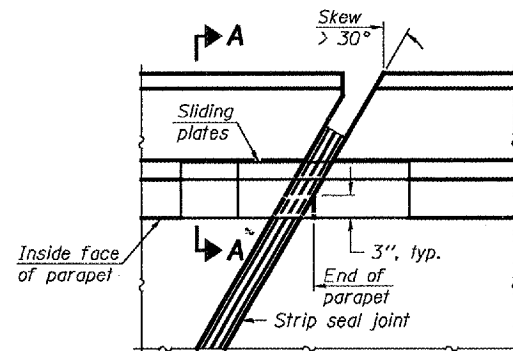
AT PARAPET



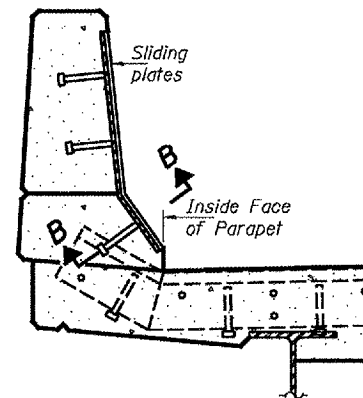
AT SIDEWALK OR MEDIAN

Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

LOCKING EDGE RAILS



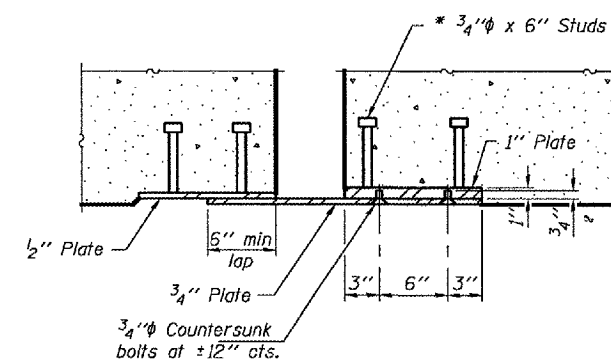
PLAN



SECTION A-A

POINT BLOCK DETAILS
(for skews > 30°)

TYPICAL END TREATMENTS



SECTION B-B

BILL OF MATERIAL

| Item | Unit | Total |
|----------------------------|------|-------|
| Preformed Joint Strip Seal | Foot | 408 |

| | |
|----------|---------|
| DESIGNED | AJB |
| CHECKED | SJB |
| DRAWN | ballva |
| CHECKED | AJB SJB |

APRIL 24, 2007
EXAMINED *Carl Proyer*
PASSED *Ralph E. Anderson*
REPAIR PLANS UNIT CHIEF
ENGINEER OF BRIDGES AND STRUCTURES

EJ-SSJ

11-1-06

PREFORMED JOINT STRIP SEAL
FAP 317
PEORIA/TAZEWELL COUNTIES
SN 090-0115

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|---------|--------------------|--------------|-----------|
| US 150/24 | | PEORIA TAZEWELL | 22 | 22 |
| FED. ROAD DIST. NO. 7 | | FED. ROAD PROJECT- | | |

SHEET NO. 7
7 SHEETS

Contract Number: 68695

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.
Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.
Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

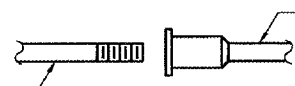
- ① Minimum Capacity = $1.25 \times f_y \times A_t$
(Tension in kips)
- ② Minimum *Pull-out Strength = $0.66 \times f_y \times A_t$
(Tension in kips)

Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_t = Tensile stress area of lapped reinforcement bars.
* = 28 day concrete

BAR SPLICER ASSEMBLIES

| Bar Size to be Spliced | Splicer Rod or Dowel Bar Length | Strength Requirements | |
|------------------------|---------------------------------|------------------------------|---------------------------------------|
| | | Min. Capacity kips - tension | Min. Pull-Out Strength kips - tension |
| #4 | 1'-8" | 14.7 | 7.9 |
| #5 | 2'-0" | 23.0 | 12.3 |
| #6 | 2'-7" | 33.1 | 17.4 |
| #7 | 3'-5" | 45.1 | 23.8 |
| #8 | 4'-6" | 58.9 | 31.3 |
| #9 | 5'-9" | 75.0 | 39.6 |
| #10 | 7'-3" | 95.0 | 50.3 |
| #11 | 9'-0" | 117.4 | 61.8 |

The diameter of this part is equal or larger than the diameter of bar spliced.



ROLLED THREAD DOWEL BAR



ONE PIECE

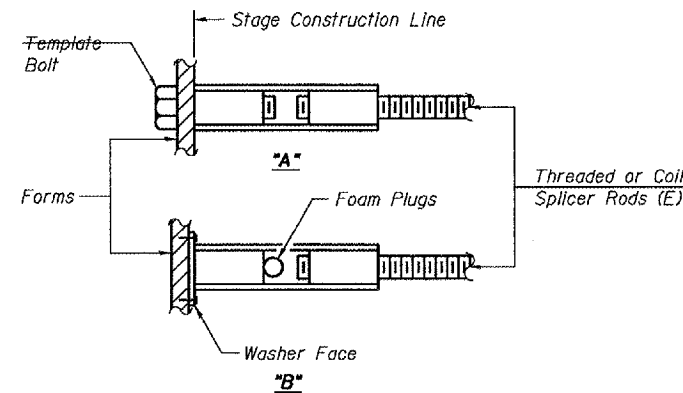
Wire Connector



WELDED SECTIONS

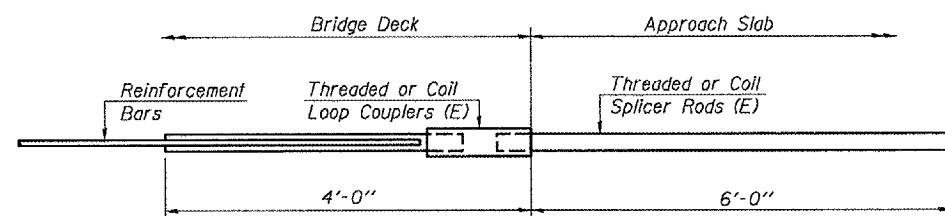
BAR SPLICER ASSEMBLY ALTERNATIVES

** Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



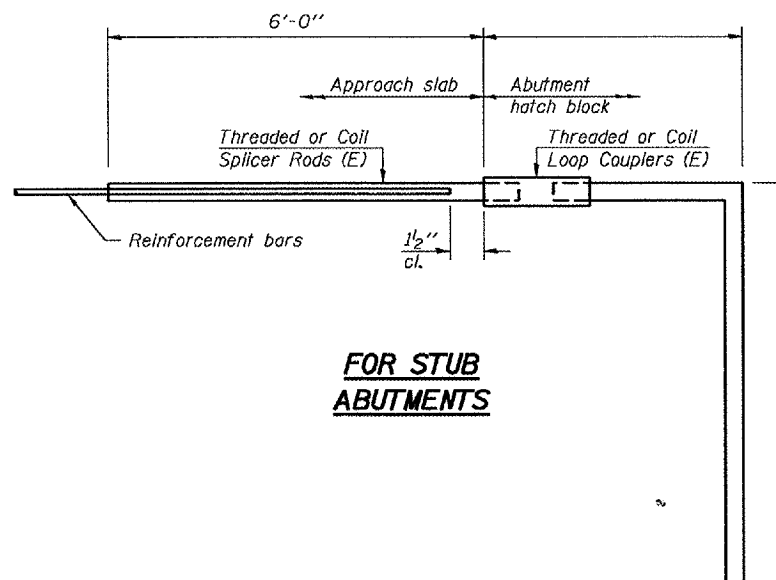
INSTALLATION AND SETTING METHODS

"A": Set bar splicer assembly by means of a template bolt.
"B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



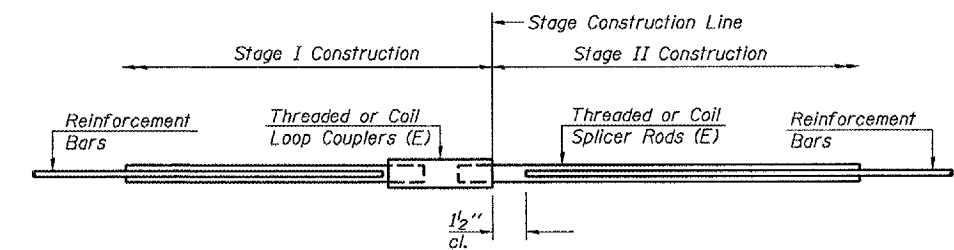
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

| |
|--|
| Bar Splicer for #5 bar |
| Min. Capacity = 23.0 kips - tension |
| Min. Pull-out Strength = 12.3 kips - tension |
| No. Required = |



FOR STUB ABUTMENTS

| |
|--|
| Bar Splicer for #5 bar |
| Min. Capacity = 23.0 kips - tension |
| Min. Pull-out Strength = 12.3 kips - tension |
| No. Required = |



STANDARD

| Bar Size | No. Assemblies Required | Location |
|----------|-------------------------|-------------------------|
| #5 | 144 | Truss joints |
| #5 | 8 | Slab at E. abut. |
| #6 | 4 | Hatch block at E. abut. |

| | |
|----------|---------|
| DESIGNED | AJB |
| CHECKED | SJB |
| DRAWN | baiva |
| CHECKED | AJB SJB |

APRIL 24, 2007
EXAMINED *Carl Poyner*
PASSED *Ralph E. Anderson*
REPAIR PLANS UNIT CHIEF
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BSD-1 11-1-06

BAR SPLICER ASSEMBLY DETAILS
FAP 317
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