

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE | SECTION          | COUNTY   | TOTAL SHEETS       | SHEET NO. |
|------------|------------------|----------|--------------------|-----------|
| 693        | 118RS-9, 119RS-4 | TAZEWELL | 22                 | 1         |
|            |                  | ILLINOIS | CONTRACT NO. 68D73 |           |

HIGHWAY STANDARDS:

- 000001-08 701311-03
- 001006 701426-09
- 442201-03 701606-10
- 701006-05 720001-01
- 701011-04 720006-04
- 701201-05 728001-01
- 701301-04 780001-05
- 701306-04 781001-04
- 701901-08

DISTRICT STANDARDS:

- 406001-D4
- 406101-D4
- 440001-D4
- 780001-D4

# PROPOSED HIGHWAY PLANS

FAP 693 (IL 9)  
SECTION 118RS-9, 119RS-4  
PROJECT NHPP-STP-4N6T(124)  
TYPE OF IMPROVEMENT: 3P  
TAZEWELL COUNTY

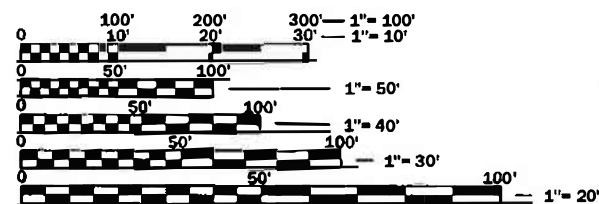
C-94-074-17

DESIGN DESIGNATION (West of I-155):  
OTHER PRINCIPAL ARTERIAL

- ADT = 8450 (2019)
- MU = 4.73% (2019)
- SU = 4.44% (2019)

DESIGN DESIGNATION (East of I-155):  
MINOR ARTERIAL

- ADT = 6750 (2019)
- MU = 5.93% (2019)
- SU = 6.67% (2019)



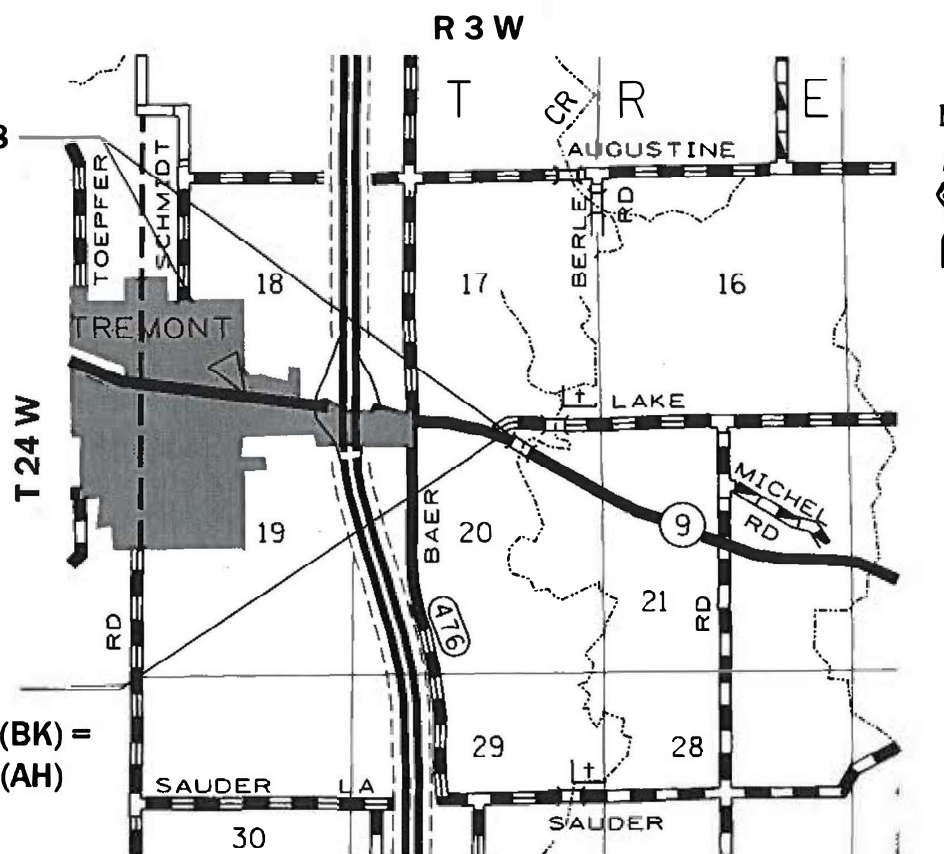
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: NICOLE FAYANT (309)671-3453  
PROJECT MANAGER: CHRIS EVERS (309)671-3481  
CATALOG NO. 035497-00D  
CONTRACT NO. 68D73

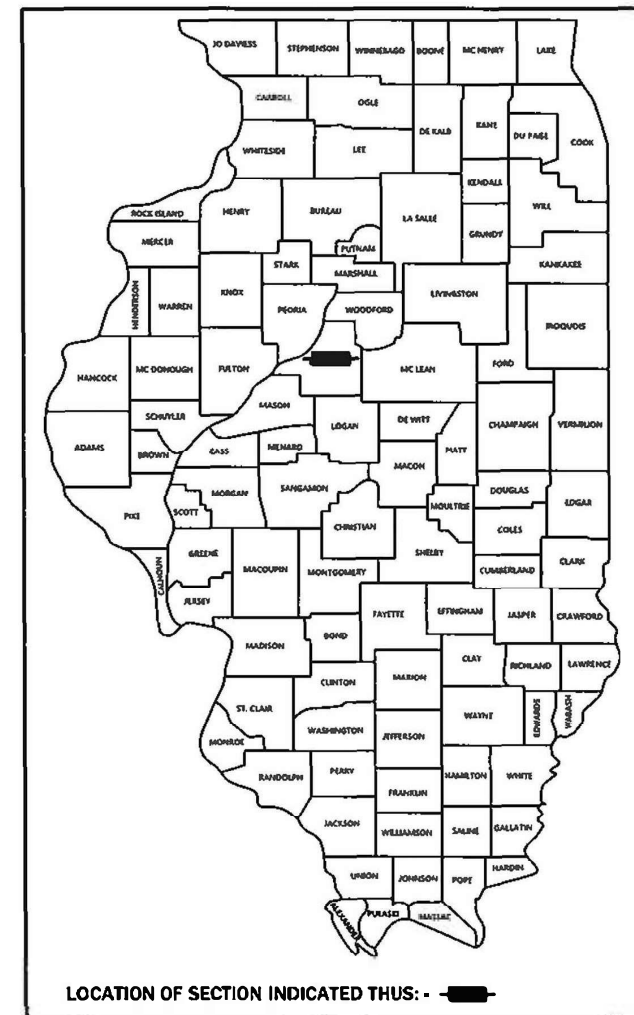
PROJECT LIMITS  
STA. 435+00 TO 504+88

STA. EQN.  
498+76.22 (BK) =  
503+76.98 (AH)



GROSS LENGTH = 6487.24 FT. = 1.229 MILE  
NET LENGTH = 6487.24 FT. = 1.229 MILE

D-94-040-17



DESCRIPTION:  
This project consists of milling and resurfacing on IL-9 from East of Chestnut Street to west of Prairie Creek Bridge in Tremont, IL. In addition, there will be new striping at Grandview Lane.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *October 21, 2021*  
*Frank A. ...* REGIONAL ENGINEER

December 10, 2021  
*Stephen M. ...* ENGINEER OF DESIGN AND ENVIRONMENT

December 10, 2021  
*Stephen M. ...* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

1 COVER SHEET  
 2-3 INDEX OF SHEETS, COMMITMENTS & GENERAL NOTES  
 4-6 SUMMARY OF QUANTITIES  
 7-10 TYPICAL SECTIONS  
 11-12 SCHEDULE OF QUANTITIES  
 13 LINE DIAGRAM  
 14 GRANDVIEW LANE PAVEMENT MARKING DETAIL  
 15-22 DISTRICT STANDARDS

**COMMITMENTS**

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

**NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.**

**GENERAL NOTES**

**AGGREGATE SHOULDERS, TYPE B**

Aggregate Shoulders, Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

**PROPERTY OWNER ACCESS REQUIREMENTS**

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

**BUTT JOINT CUTTING TIME RESTRICTION**

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

**PAVING SURFACE COURSE**

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

**ENVIRONMENTAL REVIEWS**

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- \* BDE Form 2289 (Borrow Site Review)
- \* BDE Form 2290 (Waste/Use Area Review)
- \* A location map showing the size limits and location of the use area
- \* Color photographs depicting the use area
- \* Borrow Area Entry Agreement form – D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

**MINIMUM VERTICAL CLEARANCE**

The Contractor shall verify the existing structure vertical clearance prior to placing bituminous overlay under any structure. A minimum vertical clearance shall be maintained under all structures as shown below (\*\*):

- SB I-155 Structure
- \*\*WB IL-9 minimum vertical clearance shall be 16'-1"
- \*\*EB IL-9 minimum vertical clearance shall be 16'-4"

- NB I-155 Structure
- \*\*WB IL-9 minimum vertical clearance shall be 16'-5"
- \*\*EB IL-9 minimum vertical clearance shall be 16'-4"

|   |  |            |           |   |  |                    |                  |          |              |           |    |
|---|--|------------|-----------|---|--|--------------------|------------------|----------|--------------|-----------|----|
| FILE NAME =                                   | USER NAME = eversd   | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>INDEX OF SHEETS, COMMITMENTS, &amp; GENERAL NOTES</b> | F.A.P. RTE.        | SECTION          | COUNTY   | TOTAL SHEETS | SHEET NO. |    |
| pw:\dot-pw.bentley.com\PWIDOT\Documents\IDOT\ | Offices\District 4\Projects\04_68D73\CADData\Design\468D73 | DRAWN -    | REVISED - |   |  | 693                | 118RS-9, 119RS-4 | TAZEWELL | 22           | 2         |    |
| Default                                       |  | CHECKED -  | REVISED - |   |  | CONTRACT NO. 68D73 |                  |          |              |           |    |
|   | PLOT SCALE = 100.0000' / in.                               | DATE -     | REVISED - |   |  | SCALE:             | SHEET            | OF       | SHEETS       | STA.      | TO |
|   | PLOT DATE = 10/22/2021                                     |            |           | ILLINOIS FED. AID PROJECT                                 |  |                    |                  |          |              |           |    |

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

| Mixture Use(s):                          | Polymer Surface Course 1.5" | Polymer Binder 1" Mainline & Shoulders | Incidental Surface | Shoulders (Surface Lift 1.5") | Class D Patch |
|--|-----------------------------|--|--------------------|-------------------------------|---------------|
| AC/PG:                                   | SBS or SBR 76-28            | SBS or SBR 76-22                       | PG 58-28           | SBS or SBR 76-28              | PG 64-22      |
| Design Air Voids:                        | 4.0% @ N=50                 | 4.0% @ N=50                            | 4.0% @ N=50        | 4.0% @ N=50                   | 4.0% @ N=50   |
| Mixture Composition: (Mixture Gradation) | IL 9.5                      | IL 4.75                                | IL 9.5             | IL 9.5                        | IL 19.0       |
| Friction Aggregate:                      | Mix D                       | N.A.                                   | N.A.               | Mix D                         | N.A.          |
| Quality Management Program:              | QCP                         | QCQA                                   | QCQA               | QCP                           | QCQA          |
| Material Transfer Device                 | Yes                         | Yes                                    | Yes                | Yes                           | No            |

- Note: 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.  
 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.  
 3) Sublot sizes for PFP and QCP mixes will be 600 tons, unless otherwise agreed to by the Engineer and the paving contractor.

**POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES**

| Surface Type             | Residual Rate  |
|--------------------------|----------------|
| Milled (HMA or PCC)      | 0.08 lb /sq ft |
| Existing Pavement        | 0.08 lb /sq ft |
| Fog Coat (between lifts) | 0.08 lb /sq ft |

**NO PASSING ZONE VERIFICATION**

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

**ENGINEERS FIELD OFFICE**

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e):  
 All of the telephone lines provided shall have unpublished numbers.

**JOB SPECIFIC NOTES**

Prior to installing the new striping at Grandview Lane, the Contractor shall coordinate with the Resident Engineer and Operations.

Operations shall be contacted prior to placement of the signs at Grandview Lane. Operations will determine the location of the sign after the striping is completed. The cost for placing the sign will be included in the unit bid for traffic control items.

The contract Special Provision for "CONSTRUCTION SEQUENCE FOR MILLING AND PAVING (3P)" is to apply to all mainline longitudinal paving joints.

The following structures can be crossed with an empty MTD with the following maximum gross weight restrictions:

- 090-0061 (40 tons)
- 090-0134 (40 tons)
- 909-0135 (40 tons)

If the same MTD is used throughout the entire contract, then it must be limited to an empty gross weight of less than or equal to 40 tons

| CODE NO. | ITEM   | UNIT   | TOTAL QUANTITY | CONST. CODE |           |
|----------|--|--------|----------------|-------------|-----------|
|          |  |        |                | NHPP        | STP       |
|          |  |        |                | FED/STATE   | FED/STATE |
|          |  |        |                | 80/20       | 80/20     |
|          |  |        |                | ROADWAY     | ROADWAY   |
| 0005     | 0005   |        |                |             |           |
| 28100105 | STONE RIPRAP, CLASS A3   | SQ YD  | 6              |             | 6         |
| 28200200 | FILTER FABRIC  | SQ YD  | 6              |             | 6         |
| 40600295 | POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)                     | POUND  | 52233          | 28929       | 23304     |
| 40600982 | HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT                   | SQ YD  | 219            | 25          | 194       |
| 40600990 | TEMPORARY RAMP   | SQ YD  | 613            | 412         | 201       |
| 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50          | TON    | 1986           | 1107        | 879       |
| 40604160 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON    | 3102           | 1754        | 1348      |
| 40800050 | INCIDENTAL HOT - MIX ASPHALT SURFACING                           | TON    | 39             |             | 39        |
| 44000151 | HOT - MIX ASPHALT SURFACE REMOVAL, 1/2"                          | SQ YD  | 2726           |             | 2726      |
| 44000158 | HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/4"                        | SQ YD  | 32802          | 19750       | 13052     |
| 44201741 | CLASS D PATCHES, TYPE II, 8 INCH                                 | SQ YD  | 6              |             | 6         |
| 44201794 | CLASS D PATCHES, TYPE III, 12 INCH                               | SQ YD  | 18             |             | 18        |
| 48101200 | AGGREGATE SHOULDERS, TYPE B                                      | TON    | 60             |             | 60        |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A                                  | CAL MO | 2              | 1           | 1         |

|   |  |                                   |                    |
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| pw:\idot-pw.bentley.com\PIDOT\Documents | \\IDOT\Offices\District 4\Projects\04.68073\ | DRAWN Design\0468073\WALLENFANGTj | REVISED 10/21/2021 |
|   | PLOT SCALE = 100.0000' / in.                 | CHECKED -                         | REVISED -          |
|   | PLOT DATE = 10/22/2021                       | DATE -                            | REVISED -          |

**STATE OF ILLINOIS  
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**SUMMARY OF QUANTITIES**

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|---------------------------|------------------|---------|--------------------|-----------|
| 693                       | 118R5-9, 119R5-4 | TAEWELL | 22                 | 4         |
| ILLINOIS FED. AID PROJECT |                  |         | CONTRACT NO. 68073 |           |

| CODE NO.   | ITEM   | UNIT  | TOTAL QUANTITY | CONST. CODE | CONST. CODE |
|------------|--|-------|----------------|-------------|-------------|
|            |  |       |                | NHPP        | STP         |
|            |  |       |                | FED/STATE   | FED/STATE   |
|            |  |       |                | 80/20       | 80/20       |
|            |  |       |                | ROADWAY     | ROADWAY     |
| 0005       | 0005   |       |                |             |             |
| 67100100   | MOBILIZATION   | LSUM  | 1              | 0.5         | 0.5         |
| 70100450   | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201        | LSUM  | 1              | 0.5         | 0.5         |
| 70100460   | TRAFFIC CONTROL AND PROTECTION, STANDARD 701306        | LSUM  | 1              | 0.5         | 0.5         |
| 70102625   | TRAFFIC CONTROL AND PROTECTION, STANDARD 701606        | LSUM  | 1              | 0.5         | 0.5         |
| 70300100   | SHORT-TERM PAVEMENT MARKING                            | FOOT  | 5401           | 3192        | 2209        |
| 70300150   | SHORT TERM PAVEMENT MARKING REMOVAL                    | SQ FT | 594            | 351         | 243         |
| 70300211   | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT | SQ FT | 266            | 172         | 94          |
| 70300221   | TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT           | FOOT  | 25456          | 11298       | 14158       |
| 70300241   | TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT           | FOOT  | 1708           | 800         | 908         |
| 70300251   | TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT           | FOOT  | 2336           | 1771        | 565         |
| 70300261   | TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT          | FOOT  | 125            |             | 125         |
| 70300281   | TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT          | FOOT  | 30             |             | 30          |
| * 72000100 | SIGN PANEL - TYPE 1                                    | SQ FT | 7.5            |             | 7.5         |

\*= SPECIALTY ITEM

|  |                              |                         |                      |
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|  | PLOT SCALE = 100.0000' / in. | CHECKED -               | REVISED -            |
|  | PLOT DATE = 10/22/2021       | DATE -                  | REVISED -            |

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| 693                       | 118R5-9, 119R5-4 | TAZEWELL | 22                 | 5         |
| ILLINOIS FED. AID PROJECT |                  |          | CONTRACT NO. 68073 |           |

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|------------|---|-------|----------------|-------------|-----------|
|            |   |       |                | NHPP        | STP       |
|            |   |       |                | FED/STATE   | FED/STATE |
|            |   |       |                | 80/20       | 80/20     |
|            |   |       |                | ROADWAY     | ROADWAY   |
| 0005       | 0005  |       |                |             |           |
| * 72400100 | REMOVE SIGN PANEL ASSEMBLY - TYPE A                         | EACH  | 2              |             | 2         |
| * 72400500 | RELOCATE SIGN PANEL ASSEMBLY - TYPE A                       | EACH  | 2              |             | 2         |
| 72800100   | TELESCOPING STEEL SIGN SUPPORT                              | FOOT  | 15             |             | 15        |
| * 78009000 | MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS    | SQ FT | 266            | 172         | 94        |
| * 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4"                | FOOT  | 25456          | 11298       | 14158     |
| * 78009006 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6"                | FOOT  | 1708           | 800         | 908       |
| * 78009008 | MODIFIED URETHANE PAVEMENT MARKING - LINE 8"                | FOOT  | 2336           | 1771        | 565       |
| * 78009012 | MODIFIED URETHANE PAVEMENT MARKING - LINE 12"               | FOOT  | 125            |             | 125       |
| * 78009024 | MODIFIED URETHANE PAVEMENT MARKING - LINE 24"               | FOOT  | 30             |             | 30        |
| * 78011000 | GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS | SQ FT | 266            | 172         | 94        |
| * 78011025 | GROOVING FOR RECESSED PAVEMENT MARKING 5"                   | FOOT  | 25456          | 11298       | 14158     |
| * 78011035 | GROOVING FOR RECESSED PAVEMENT MARKING 7"                   | FOOT  | 1708           | 800         | 908       |
| * 78011045 | GROOVING FOR RECESSED PAVEMENT MARKING 9"                   | FOOT  | 2336           | 1771        | 565       |
| * 78011065 | GROOVING FOR RECESSED PAVEMENT MARKING 13"                  | FOOT  | 125            |             | 125       |

\*= SPECIALTY ITEM

|   |                         |                         |                           |   |                              |                  |          |        |              |           |
|---|-------------------------|-------------------------|---------------------------|---|------------------------------|------------------|----------|--------|--------------|-----------|
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| pw:\idot-pw.bentley.com\PIDOT\Documents\IDOT Offices\District 4\Projects\04.68073\DRAWN\Design\0468073\WALLENFANGTjre set | DESIGNED - WALLENFANGTJ | REVISED -               | 693                       |   |                              | 118R5-9, 119R5-4 | TAZEWELL | 22     | 6            |           |
| PLOT SCALE = 100.0000' / in.  | CHECKED -               | REVISED -               | CONTRACT NO. 68073        |   |                              |                  |          |        |              |           |
| PLOT DATE = 10/22/2021  | DATE -                  | REVISED -               | ILLINOIS FED. AID PROJECT |   |                              |                  |          |        |              |           |

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|------------|--|-------|----------------|-------------|-------------|
|            |  |       |                | NHPP        | STP         |
|            |  |       |                | FED/STATE   | FED/STATE   |
|            |  |       |                | 80/20       | 80/20       |
|            |  |       |                | ROADWAY     | ROADWAY     |
| 0005       | 0005                                       |       |                |             |             |
| * 78011125 | GROOVING FOR RECESSED PAVEMENT MARKING 25" | FOOT  | 30             |             | 30          |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER          | EACH  | 235            | 122         | 113         |
| 78300200   | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL  | EACH  | 184            | 86          | 98          |
| Z0004542   | HOT-MIX ASPHALT REMOVAL (SPECIAL)          | SQ YD | 919            | 566         | 353         |
| Z0034105   | MATERIAL TRANSFER DEVICE                   | TON   | 5127           | 2862        | 2265        |

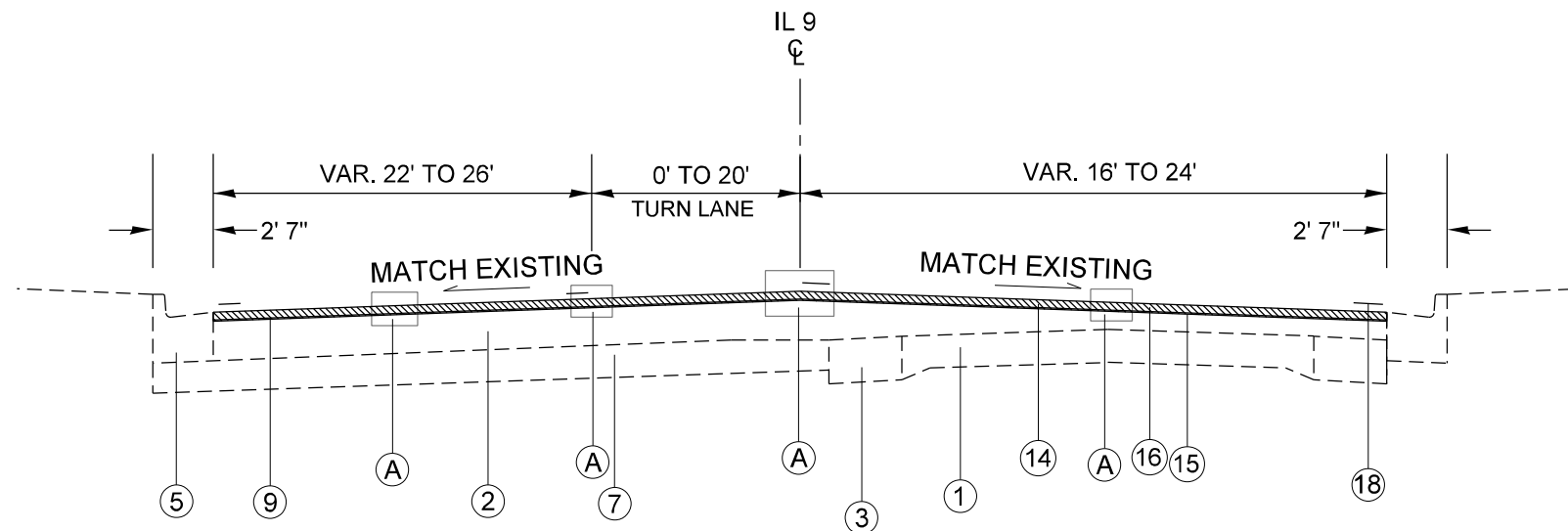
\*= SPECIALTY ITEM

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|  | PLOT SCALE = 100.0000' / in. | CHECKED -               | REVISED -              |
|  | PLOT DATE = 10/22/2021       | DATE -                  | REVISED -              |

**STATE OF ILLINOIS  
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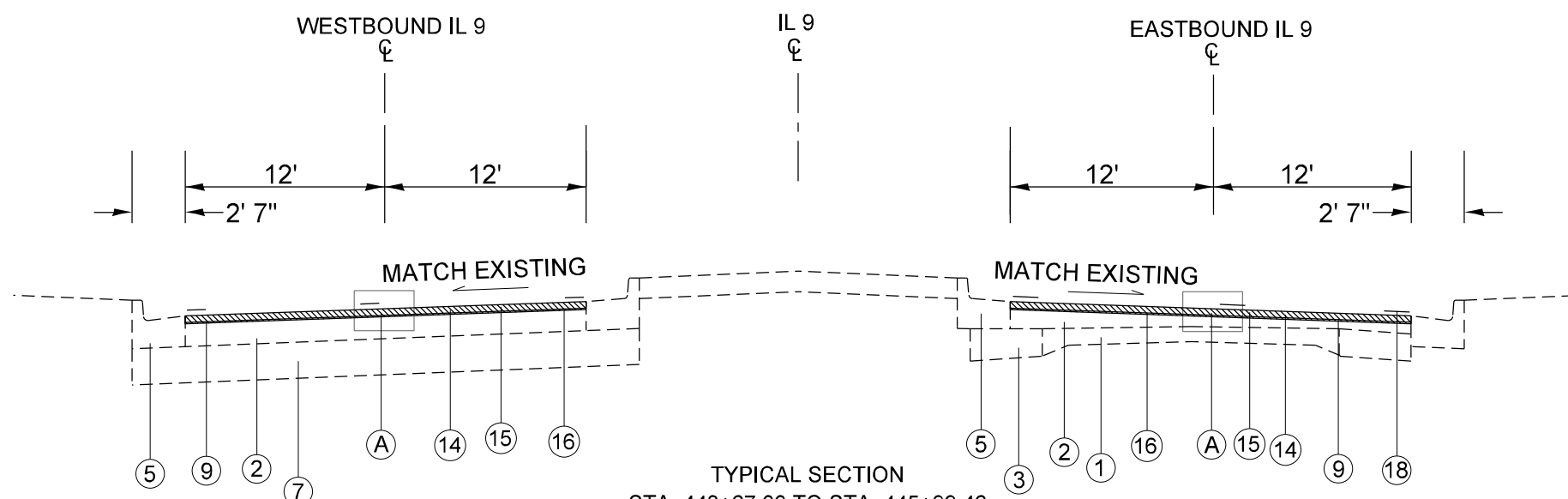
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|---------------------------|------------------|----------|--------------------|-----------|
| 693                       | 118R5-9, 119R5-4 | TAZEWELL | 22                 | 7         |
| ILLINOIS FED. AID PROJECT |                  |          | CONTRACT NO. 68073 |           |



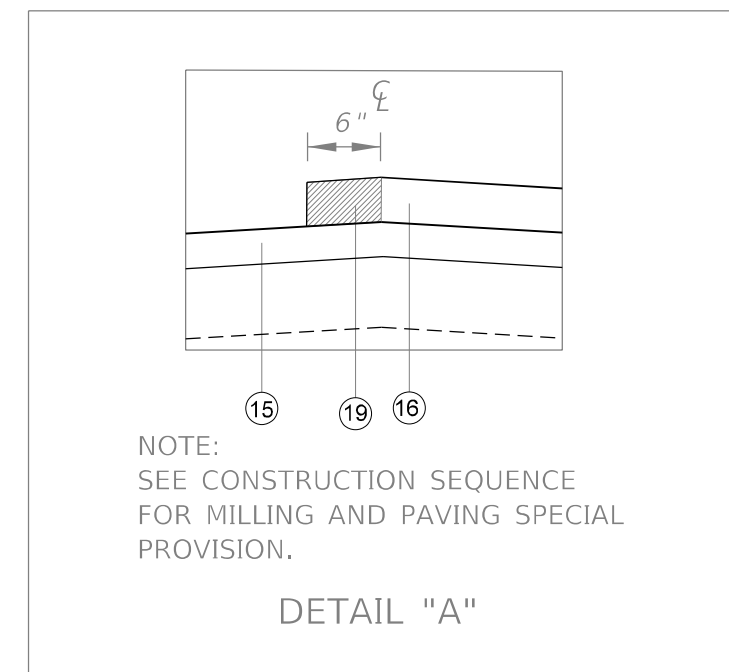
TYPICAL SECTION  
STA. 435+00.00 TO STA. 443+67.00

**LEGEND**

- ① EXISTING PCC PAVEMENT 9-6-9
- ② EXISTING HOT-MIX ASPHALT OVERLAY
- ③ EXISTING BASE COURSE WIDENING
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING CCC&G TY B6.24
- ⑥ EXISTING VARIABLE DEPTH LEVELING BINDER
- ⑦ EXISTING SUB-BASE
- ⑧ EXISTING MEDIAN
- ⑨ EXISTING REFLECTIVE CRACK CONTROL
- ⑩ EXISTING BITUMINOUS CURB
- ⑪ EXISTING CONCRETE GUTTER
- ⑫ EXISTING HOT-MIX ASPHALT SHOULDER
  
- ⑬ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
- ⑭ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑮ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 1"
- ⑯ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"
- ⑰ PROPOSED AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ⑱ PROPOSED MODIFIED URETHANE PAVEMENT MARKING
- ⑲ PROPOSED HOT-MIX ASPHALT REMOVAL (SPECIAL)

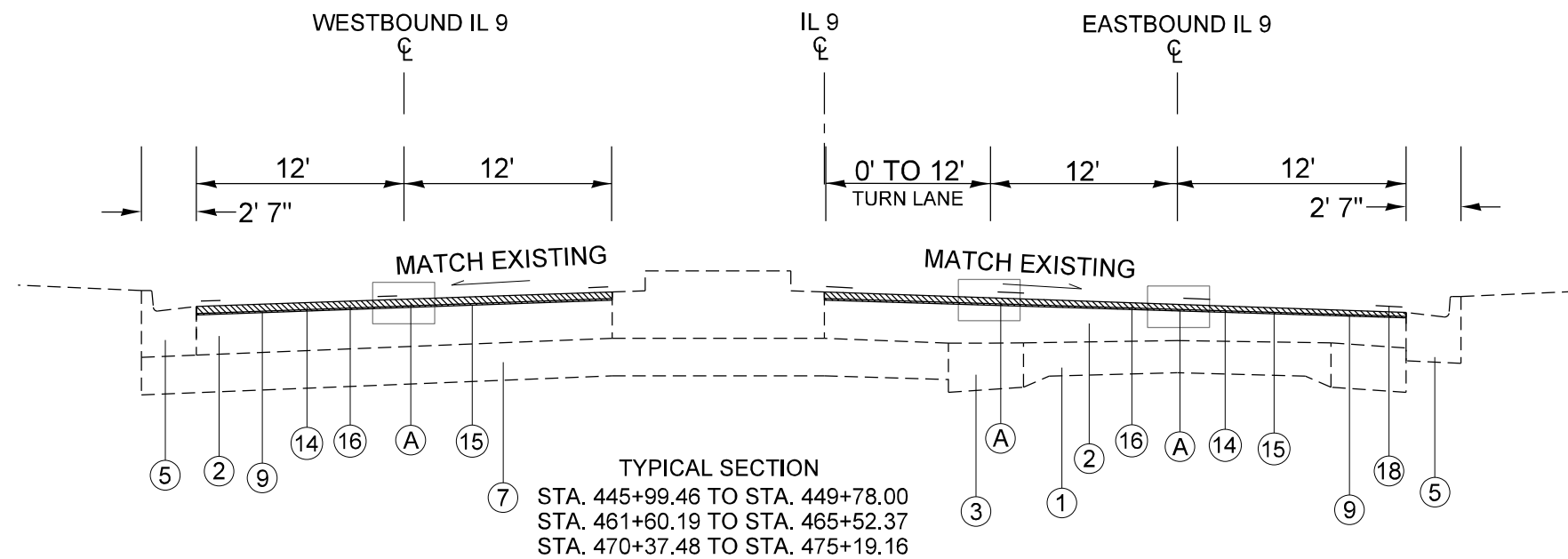


TYPICAL SECTION  
STA. 443+67.00 TO STA. 445+99.46  
STA. 454+60.39 TO STA. 457+68.01  
STA. 465+52.37 TO STA. 470+37.48  
STA. 480+19.76 TO STA. 483+70.29

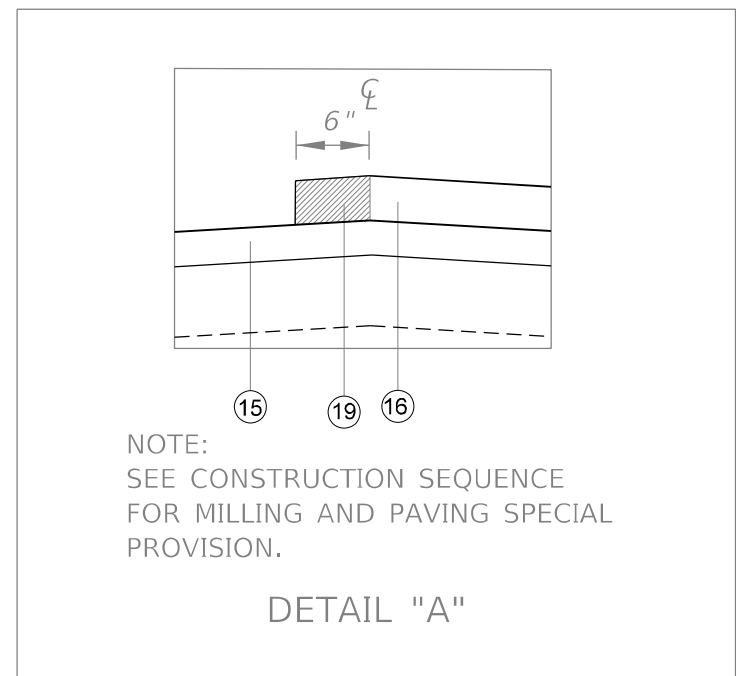
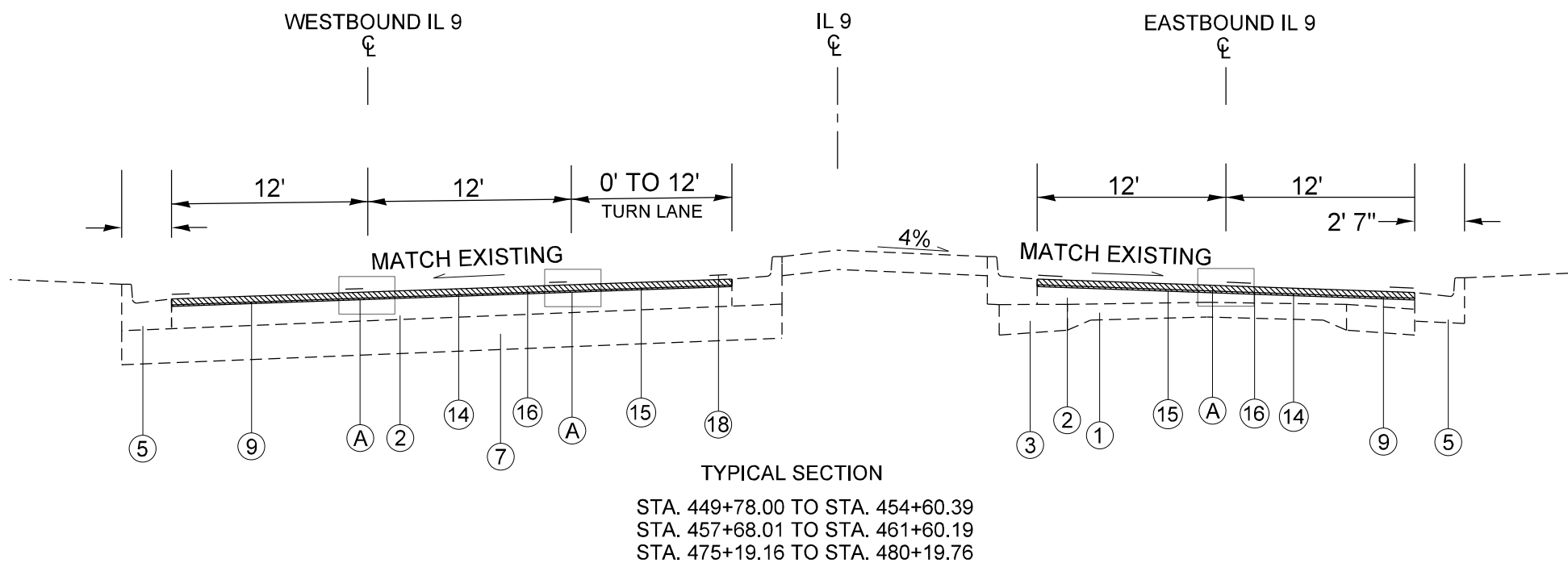


|  |  |            |           |   |                                     |                  |          |    |                           |         |        |              |           |
|--|--|------------|-----------|---|-------------------------------------|------------------|----------|----|---------------------------|---------|--------|--------------|-----------|
| FILE NAME =                                  | USER NAME = eversd   | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TYPICAL SECTIONS</b>             |                  |          |    | F.A.P. RTE.               | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw:\dot-pw.bentley.com\PWIDOT\Documents\IDOT | Offices\District 4\Projects\04_68D73\CADD\data\Design\468D73.dgn | DRAWN -    | REVISED - |   | 693                                 | 118RS-9, 119RS-4 | TAZEWELL | 22 | 8                         |         |        |              |           |
| Default                                      | PLOT SCALE = 100.0000' / in.                                     | CHECKED -  | REVISED - |   | SCALE: SHEET OF SHEETS STA. TO STA. |                  |          |    | ILLINOIS FED. AID PROJECT |         |        |              |           |
|  | PLOT DATE = 10/22/2021   | DATE -     | REVISED - |   | CONTRACT NO. 68D73                  |                  |          |    |                           |         |        |              |           |

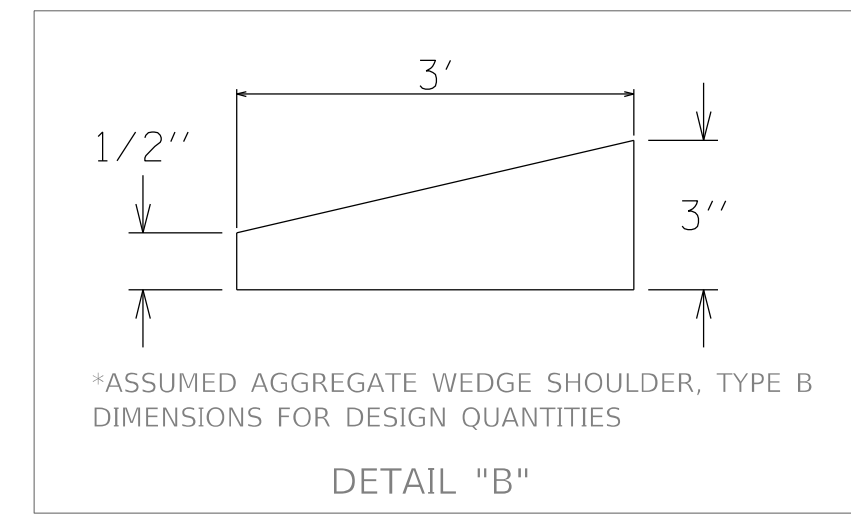
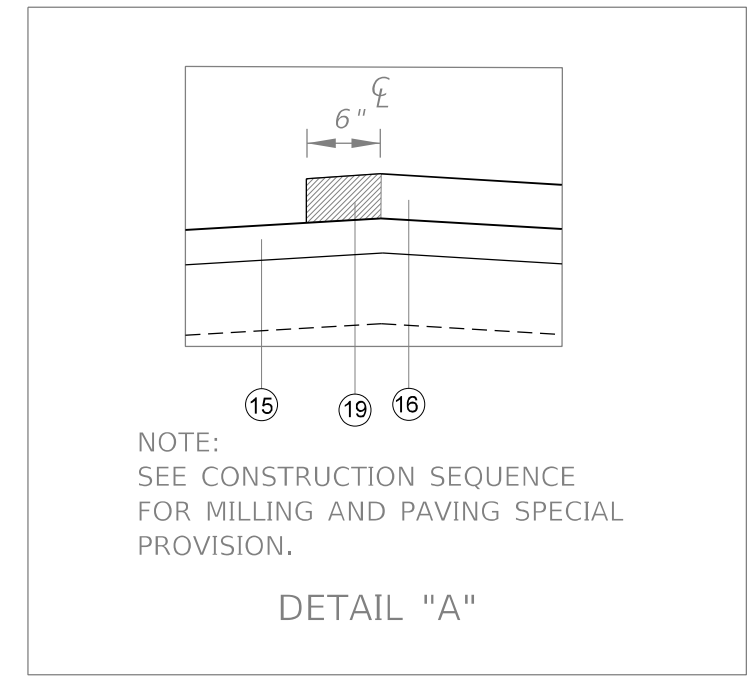
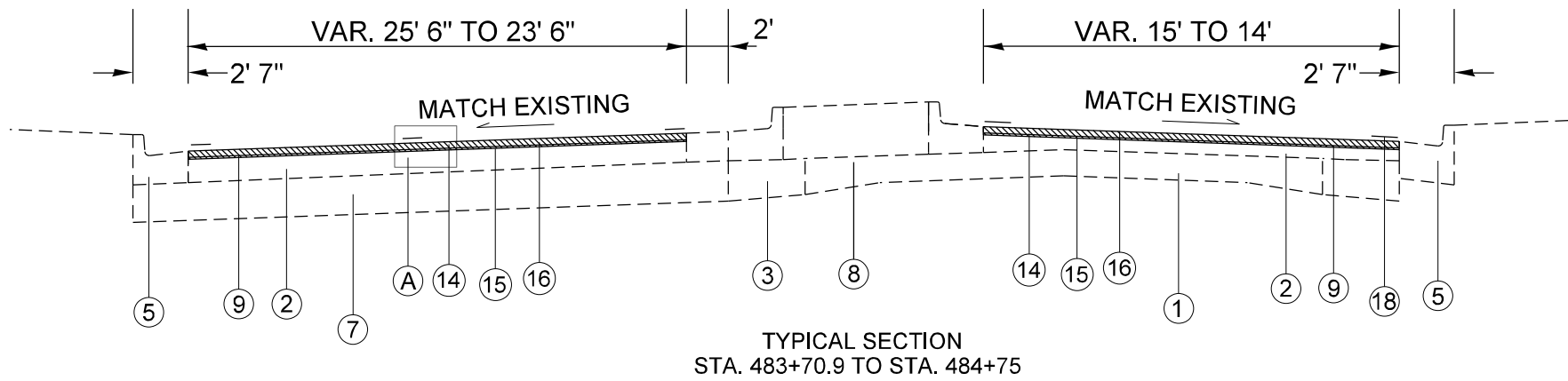
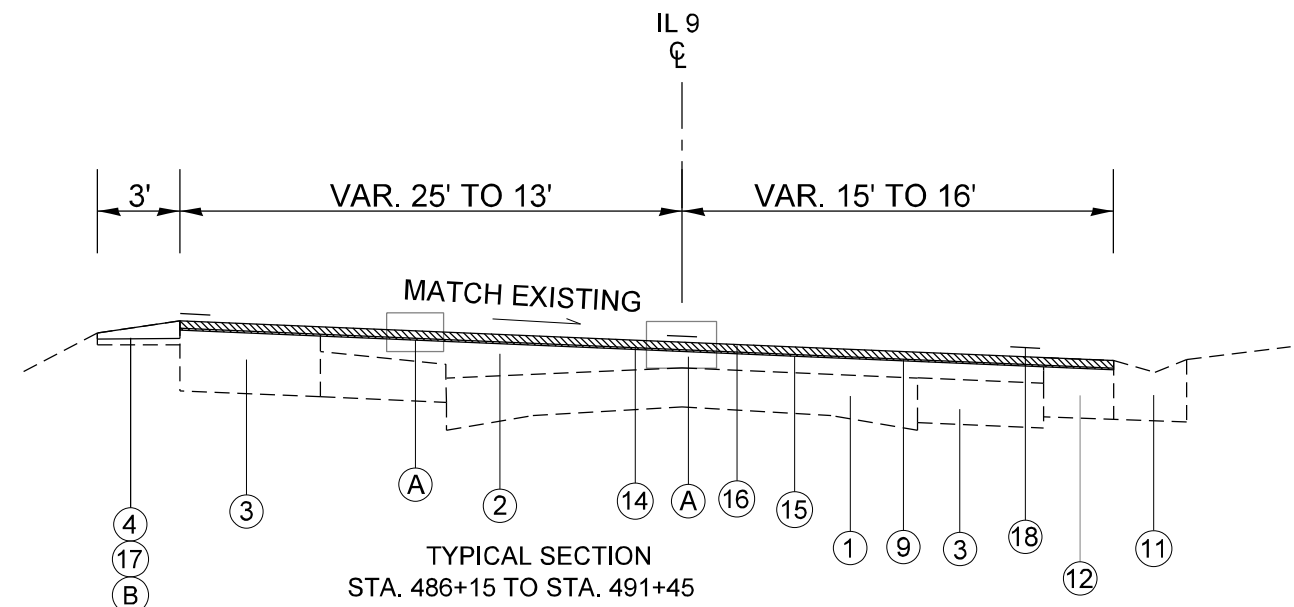
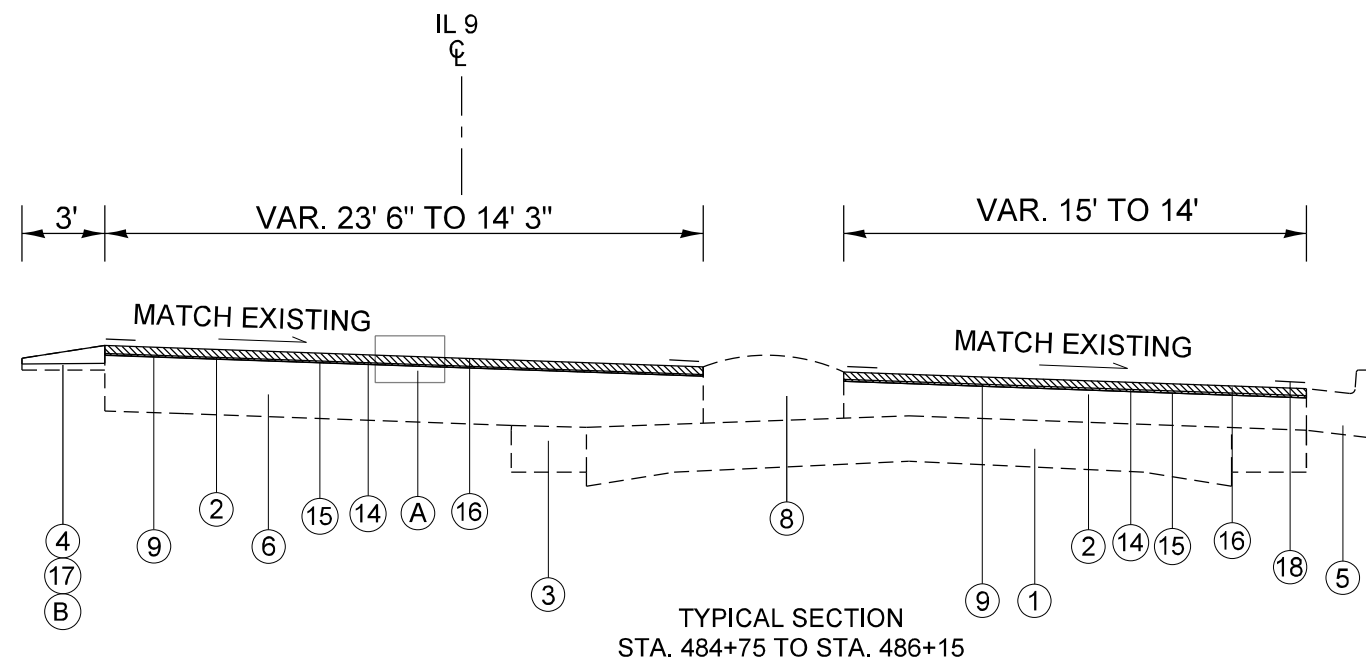




- ### LEGEND
- ① EXISTING PCC PAVEMENT 9-6-9
  - ② EXISTING HOT-MIX ASPHALT OVERLAY
  - ③ EXISTING BASE COURSE WIDENING
  - ④ EXISTING AGGREGATE SHOULDER
  - ⑤ EXISTING CCC&G TY B6.24
  - ⑥ EXISTING VARIABLE DEPTH LEVELING BINDER
  - ⑦ EXISTING SUB-BASE
  - ⑧ EXISTING MEDIAN
  - ⑨ EXISTING REFLECTIVE CRACK CONTROL
  - ⑩ EXISTING BITUMINOUS CURB
  - ⑪ EXISTING CONCRETE GUTTER
  - ⑫ EXISTING HOT-MIX ASPHALT SHOULDER
  
  - ⑬ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
  - ⑭ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
  - ⑮ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 1"
  - ⑯ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"
  - ⑰ PROPOSED AGGREGATE SHOULDERS, TYPE B (WEDGE)
  - ⑱ PROPOSED MODIFIED URETHANE PAVEMENT MARKING
  - ⑲ PROPOSED HOT-MIX ASPHALT REMOVAL (SPECIAL)

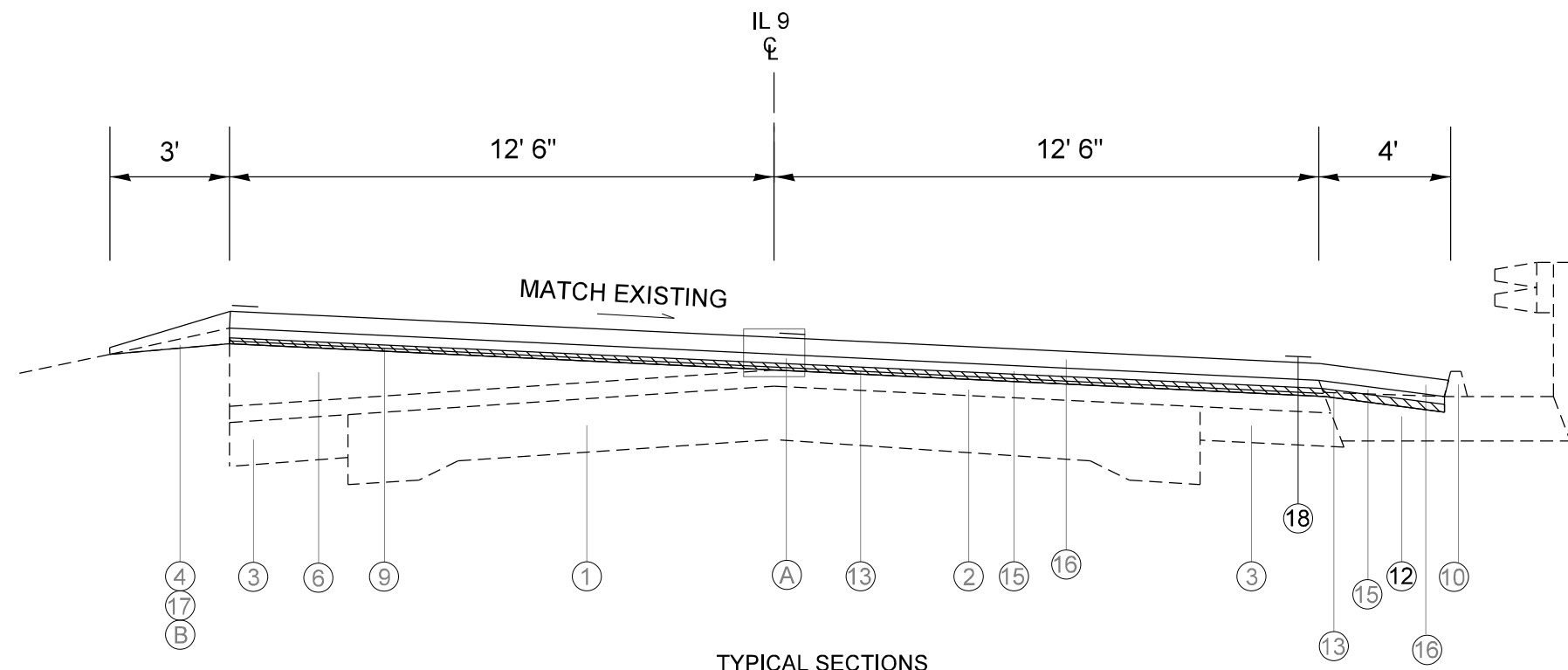


|  |   |            |           |   |                                     |                  |          |    |                    |         |        |              |           |
|--|---|------------|-----------|---|-------------------------------------|------------------|----------|----|--------------------|---------|--------|--------------|-----------|
| FILE NAME =                                  | USER NAME = eversd                                    | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TYPICAL SECTIONS</b>             |                  |          |    | F.A.P. RTE.        | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw:\dot-pw.bentley.com\PWIDOT\Documents\IDOT | Offices\District 4\Projects\04_68D73\CADD\Design\4680 | DRAWN      | REVISED - |   | 693                                 | 118RS-9, 119RS-4 | TAZEWELL | 22 | 9                  |         |        |              |           |
| Default                                      | PLOT SCALE = 100.0000' / in.                          | CHECKED -  | REVISED - |   | SCALE: SHEET OF SHEETS STA. TO STA. |                  |          |    | CONTRACT NO. 68D73 |         |        |              |           |
|  | PLOT DATE = 10/22/2021                                | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT           |                  |          |    |                    |         |        |              |           |



**LEGEND**

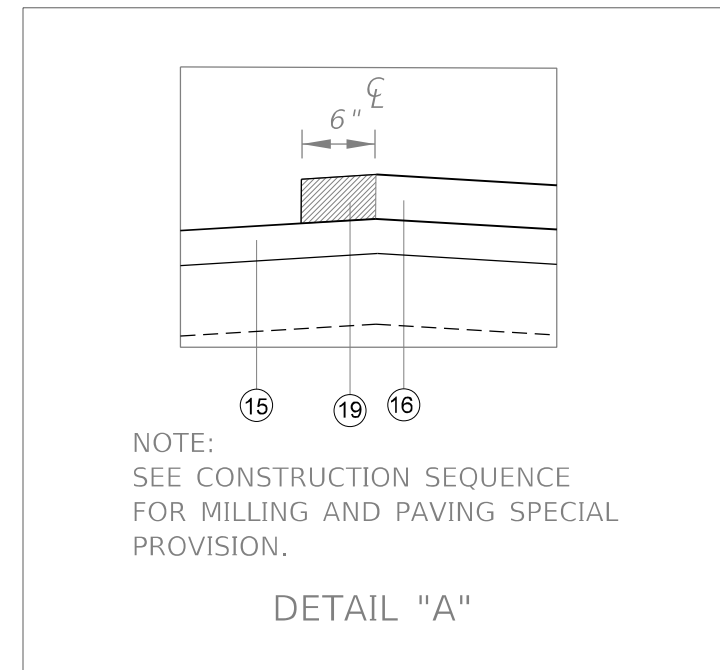
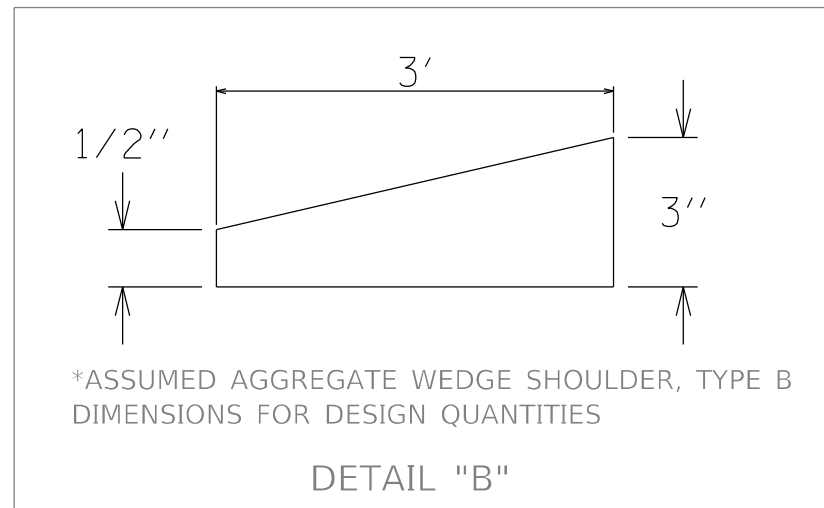
- |   |   |
|---|---|
| ① EXISTING PCC PAVEMENT 9-6-9             | ⑬ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"                                    |
| ② EXISTING HOT-MIX ASPHALT OVERLAY        | ⑭ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"                                  |
| ③ EXISTING BASE COURSE WIDENING           | ⑮ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 1"                           |
| ④ EXISTING AGGREGATE SHOULDER             | ⑯ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2" |
| ⑤ EXISTING CCC&G TY B6.24                 | ⑰ PROPOSED AGGREGATE SHOULDERS, TYPE B (WEDGE)                                      |
| ⑥ EXISTING VARIABLE DEPTH LEVELING BINDER | ⑱ PROPOSED MODIFIED URETHANE PAVEMENT MARKING                                       |
| ⑦ EXISTING SUB-BASE                       | ⑲ PROPOSED HOT-MIX ASPHALT REMOVAL (SPECIAL)  |
| ⑧ EXISTING MEDIAN                         |   |
| ⑨ EXISTING REFLECTIVE CRACK CONTROL       |   |
| ⑩ EXISTING BITUMINOUS CURB                |   |
| ⑪ EXISTING CONCRETE GUTTER                |   |
| ⑫ EXISTING HOT-MIX ASPHALT SHOULDER       |   |



TYPICAL SECTIONS  
 STA. 491+80 TO STA. 498+76.22  
 STA. EQUATION 498+76.22(BK)= 503+76.98(AH)  
 STA. 503+76.98 TO 504+88

**LEGEND**

- ① EXISTING PCC PAVEMENT 9-6-9
- ② EXISTING HOT-MIX ASPHALT OVERLAY
- ③ EXISTING BASE COURSE WIDENING
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING CCC&G TY B6.24
- ⑥ EXISTING VARIABLE DEPTH LEVELING BINDER
- ⑦ EXISTING SUB-BASE
- ⑧ EXISTING MEDIAN
- ⑨ EXISTING REFLECTIVE CRACK CONTROL
- ⑩ EXISTING BITUMINOUS CURB
- ⑪ EXISTING CONCRETE GUTTER
- ⑫ EXISTING HOT-MIX ASPHALT SHOULDER
  
- ⑬ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
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- ⑰ PROPOSED AGGREGATE SHOULDERS, TYPE B (WEDGE)
- ⑱ PROPOSED MODIFIED URETHANE PAVEMENT MARKING
- ⑲ PROPOSED HOT-MIX ASPHALT REMOVAL (SPECIAL)



|   |  |            |           |
|---|--|------------|-----------|
| FILE NAME =                                   | USER NAME = eversd   | DESIGNED - | REVISED - |
| p:\p\dot-pw.bentley.com\PWIDOT\Documents\DOT\ | Offices\District 4\Projects\04_68D73\CADData\Design\468D73.dgn | DRAWN -    | REVISED - |
| Default                                       | PLOT SCALE = 100.0000' / in.                                   | CHECKED -  | REVISED - |
|   | PLOT DATE = 10/22/2021   | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

|                         |       |    |        |              |
|-------------------------|-------|----|--------|--------------|
| <b>TYPICAL SECTIONS</b> |       |    |        |              |
| SCALE:                  | SHEET | OF | SHEETS | STA. TO STA. |

|                           |                  |          |              |           |
|---------------------------|------------------|----------|--------------|-----------|
| F.A.P. RTE.               | SECTION          | COUNTY   | TOTAL SHEETS | SHEET NO. |
| 693                       | 118RS-9, 119RS-4 | TAZEWELL | 22           | 11        |
| CONTRACT NO. 68D73        |                  |          |              |           |
| ILLINOIS FED. AID PROJECT |                  |          |              |           |

| Resurfacing Table   |    |           |         |       |         |                                |                            |                          |                       |  |                               |  |  |                          |
|---|----|-----------|---------|-------|---------|--------------------------------|----------------------------|--------------------------|-----------------------|--|-------------------------------|--|--|--------------------------|
| LOCATION  |    |           | LENGTH  | WIDTH | AREA    | HMA SURFACE REMOVAL BUTT JOINT | HMA SURFACE REMOVAL 2 1/4" | HMA SURFACE REMOVAL 1/2" | HMA REMOVAL (SPECIAL) | POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) | INCIDENTAL BITUMINOUS SURFACE | POLYMERIZED HMA SURFACE COURSE MIX "D", N50 1 1/2" | POLYMERIZED HMA BINDER COURSE, N50, 1" | MATERIAL TRANSFER DEVICE |
|   |    |           |         |       |         |                                |                            |                          |                       |  |                               |  |  |                          |
| <b>IL-9 MAINLINE</b>  |    |           |         |       |         |                                |                            |                          |                       |  |                               |  |  |                          |
| 435+00.00   | TO | 435+05.00 | 5.00    | 44    | 24.44   | 24.44                          | -                          |                          | 0.83                  | 35.87  |                               | 48   | 1.37                                   | 49.37                    |
| 435+05.00   | TO | 444+50.00 | 945.00  | VAR.  | 5706.25 |                                | 5706.25                    |                          | 210                   | 8382.38                                      |                               | 496.97   | 319.55                                 | 816.52                   |
| 444+50.00   | TO | 456+00.00 | 1150.00 | 48    | 6133.33 |                                | 6133.33                    |                          | 127.78                | 8941.25                                      |                               | 525.93   | 343.47                                 | 869.4                    |
| 456+00.00   | TO | 466+70.00 | 1070.00 | 48    | 5706.67 |                                | 5706.67                    |                          | 118.89                | 8319.26                                      |                               | 489.35   | 319.57                                 | 808.92                   |
| LEFT TURN LANES & MEDIAN GAP - STA. 446+00 TO 454+00 (TO PINE ST)   |    |           |         |       | 968.57  |                                | 968.57                     |                          | 45.83                 | 1427.74                                      |                               | 85.21  | 54.24                                  | 139.45                   |
| WB LEFT TURN LANE & MEDIAN GAP - STA. 457+50 TO 462+50 (TO I-155 S) |    |           |         |       | 618.37  |                                | 618.37                     |                          | 31.11                 | 912.85                                       |                               | 54.56  | 34.63                                  | 89.19                    |
| EB LEFT TURN LANE & MEDIAN GAP - STA. 461+00 TO 466+00 (TO I-155 N) |    |           |         |       | 616.35  |                                | 616.35                     |                          | 31.11                 | 909.94                                       |                               | 54.39  | 34.52                                  | 88.91                    |
| <b>TOTAL NHPP</b>   |    |           |         |       |         | <b>24</b>                      | <b>19750</b>               |                          | <b>566</b>            | <b>28929</b>                                 |                               | <b>1754</b>  | <b>1107</b>                            | <b>2862</b>              |
| 466+70.00   |    | 468+00.00 | 130.00  | 48    | 693.33  |                                | 693.33                     |                          | 14.44                 | 1010.74                                      |                               | 59.45  | 38.83                                  | 98.28                    |
| 468+00.00   | TO | 478+00.00 | 1000.00 | 48    | 5333.33 |                                | 5333.33                    |                          | 111.11                | 7774.99                                      |                               | 457.33   | 298.67                                 | 756                      |
| 478+00.00   | TO | 486+15.00 | 815.00  | VAR   | 3825.97 |                                | 3825.97                    |                          | 90.56                 | 5586.83                                      |                               | 328.99   | 214.25                                 | 543.24                   |
| 486+15.00   | TO | 488+90.00 | 275.00  | VAR   | 1069.44 |                                | 1069.44                    |                          | 15.28                 | 1555.12                                      |                               | 91.12  | 59.89                                  | 151.01                   |
| 488+90.00   | TO | 491+80.00 | 290.00  | 29    | 934.44  |                                | 934.44                     |                          | 16.11                 | 1361.54                                      |                               | 79.85  | 52.33                                  | 132.18                   |
| 491+80.00   | TO | 498+76.22 | 696.22  | 29    | 2243.38 |                                | -                          | 2243.38                  | 38.68                 | 3268.76                                      |                               | 191.69   | 125.63                                 | 317.32                   |
| STA. EQUATION 498+76.22(BK) = 503+76.98(AH)                         |    |           |         |       |         |                                |                            |                          |                       |  |                               |  |  |                          |
| 503+76.98   | TO | 503+96.00 | 19.02   | 29    | 61.29   |                                | -                          | 61.29                    | 1.06                  | 89.31  |                               | 5.24   | 3.43                                   | 8.67                     |
| 503+96.00   | TO | 504+48.00 | 52.00   | 33    | 190.67  |                                | -                          | 190.67                   | 2.89                  | 277.43                                       |                               | 16.26  | 10.68                                  | 26.94                    |
| 504+48.00   | TO | 504+88.00 | 40.00   | 33    | 146.67  | 147                            | -                          |                          | 2.22                  | 213.4  |                               | 12.51  | 8.21                                   | 20.72                    |
| <b>LEFT TURN LANES &amp; MEDIAN GAP AREAS</b>                       |    |           |         |       |         |                                |                            |                          |                       |  |                               |  |  |                          |
| LEFT TURN LANES & MEDIAN GAP - STA. 472+00 TO 480+00 (TO BAER RD)   |    |           |         |       | 1032.52 |                                | 1032.52                    |                          | 52.78                 | 1524.83                                      |                               | 91.17  | 57.82                                  | 148.99                   |
| MEDIAN GAP - STA. 482+75 TO 483+75 (TO GRANDVIEW LN) **             |    |           |         |       | 163.33  |                                | 163.33                     |                          | 8.17                  | 241.08                                       |                               | 14.41  | 9.15                                   | 23.56                    |
| <b>TOTAL STP</b>  |    |           |         |       |         | <b>147</b>                     | <b>13052</b>               | <b>2495</b>              | <b>353</b>            | <b>22904</b>                                 |                               | <b>1348</b>  | <b>879</b>                             | <b>2227</b>              |
| <b>SIDEROADS</b>  |    |           |         |       |         |                                |                            |                          |                       |  |                               |  |  |                          |
| CH 1400N (LAKE WINDERMERE RD)                                       |    |           | 60      | VAR   | 278     | 47                             |                            | 231                      |                       | 400  | 39                            |  |  | 39                       |
| <b>TOTALS</b>   |    |           |         |       |         | <b>219</b>                     | <b>32802</b>               | <b>2726</b>              | <b>919</b>            | <b>52233</b>                                 | <b>39</b>                     | <b>3102</b>  | <b>1986</b>                            | <b>5127</b>              |

\*\*TRANSITION FROM 2.25" MILLING TO 0.5" MILLING AT END OF EXISTING GUTTER STA. 491+45 (RT).  
TRANSITION LENGTH SHALL BE 35' (STA. 491+45 TO 491+80) AND WILL BE PAID FOR AS HMA SURFACE REMOVAL 2.25"

| SHORT TERM PAVEMENT MARKING |    |         |        |             |            |           |      | SHORT TERM  |             |
|-----------------------------|----|---------|--------|-------------|------------|-----------|------|-------------|-------------|
| LOCATION                    |    |         | LENGTH | DASH        | DIAGONAL   | LEFT TURN | x3   | PVT MKG     | REMOVAL     |
| STATION                     | TO | STATION | FOOT   | FOOT        | FOOT       | ARROW     | APPS | REMOVAL     | SQ FT       |
| <b>NHPP</b>                 |    |         |        |             |            |           |      |             |             |
| <b>MAINLINE</b>             |    |         |        |             |            |           |      |             |             |
| 435+00                      | TO | 443+94  | CL     | 894         | 88         | 8         |      | 288.00      | 31.68       |
| 446+00                      | TO | 466+70  | WB     | 2070        | 208        |           |      | 624.00      | 68.64       |
| 444+60                      | TO | 466+70  | EB     | 2210        | 220        |           |      | 660.00      | 72.60       |
| <b>LEFT TURN LANES*</b>     |    |         |        |             |            |           |      |             |             |
| WB IL-9                     | TO | EAST ST |        | 345         | 68         |           |      | 396.00      | 43.56       |
| EB IL-9                     | TO | PINE ST |        | 146         | 28         |           |      | 276.00      | 30.36       |
| WB IL-9                     | TO | PINE ST |        | 190         | 40         |           |      | 312.00      | 34.32       |
| WB IL-9                     | TO | RAMP C  |        | 215         | 44         |           |      | 324.00      | 35.64       |
| EB IL-9                     | TO | RAMP A  |        | 200         | 40         |           |      | 312.00      | 34.32       |
| <b>TOTAL NHPP</b>           |    |         |        | <b>6270</b> | <b>736</b> | <b>8</b>  |      | <b>3192</b> | <b>351</b>  |
| <b>STP</b>                  |    |         |        |             |            |           |      |             |             |
| 466+70                      | TO | 486+15  | WB     | 1945        | 196        |           |      | 588.00      | 64.68       |
| 466+70                      | TO | 477+60  | EB     | 1090        | 108        |           |      | 324.00      | 35.64       |
| 477+60                      | TO | 486+15  | CL     | 200         | 40         |           |      | 120.00      | 13.20       |
| 486+15                      | TO | 498+76  | CL     | 1261        | 128        | 28        |      | 467.52      | 51.43       |
| 503+77                      | TO | 504+88  | CL     | 111         | 12         | 4         |      | 49.32       | 5.43        |
| <b>LEFT TURN LANES*</b>     |    |         |        |             |            |           |      |             |             |
| EB IL-9                     | TO | BAER RD |        | 215         | 44         |           |      | 324.00      | 35.64       |
| WB IL-9                     | TO | BAER RD |        | 235         | 48         |           |      | 336.00      | 36.96       |
| <b>TOTAL STP</b>            |    |         |        | <b>5057</b> | <b>576</b> | <b>32</b> |      | <b>128</b>  | <b>2209</b> |
| <b>TOTAL</b>                |    |         |        |             |            |           |      | <b>5401</b> | <b>594</b>  |

\*DESIGNER NOTE: ASSUMED 20' SPACING FOR DELINEATION OF TURN LANES & 2 TEMPORARY TURN ARROWS  
@ 32 LINEAR FEET PER ARROW TO BE UTILIZED AT THE DISCRETION OF THE ENGINEER

| PATCHING SCHEDULE                            |                         |                           |
|--|-------------------------|---------------------------|
| LOCATION                                     | CLASS D, 8 INCH TYPE II | CLASS D, 12 INCH TYPE III |
| STP  | SQ YD                   | SQ YD                     |
| CH 1400N TO 504+88 RT SHOULDER (2 LOCATIONS) | 6                       |                           |
| CH 1400N TO 504+88 RT & LT DRIVING LANE      |                         | 18                        |
| <b>TOTAL</b>                                 | <b>6</b>                | <b>18</b>                 |

| LOCATION                                     | STONE RIPRAP CLASS A3 | FILTER FABRIC FOR USE WITH RIPRAP |
|--|-----------------------|-----------------------------------|
| STP  | SQ YD                 | SQ YD                             |
| CH 1400N TO 504+88 RT SHOULDER (1 LOCATIONS) | 6                     | 6                                 |
| <b>TOTAL</b>                                 | <b>6</b>              | <b>6</b>                          |

| AGGREGATE SHOULDER, TYPE B |        |       |           |
|----------------------------|--------|-------|-----------|
| LOCATION                   | LENGTH | WIDTH | TON       |
| STP                        | FOOT   | FOOT  |           |
| 485+00 TO CH 1400 N        | 850    | 3     | 28        |
| CH 1400 N TO 503+95        | 421    | 3     | 14        |
| CH 1400 LT                 | 70     | 3     | 11        |
| CH 1400 RT                 | 50     | 3     | 8         |
| <b>TOTAL</b>               |        |       | <b>60</b> |

| MOBILIZATION |                |
|--------------|----------------|
| LOCATION     | 67100100 L SUM |
| NHPP         | 0.5            |
| STP          | 0.5            |
| <b>TOTAL</b> | <b>1</b>       |

| ENGINEER'S FIELD OFFICE, TYPE A |                 |
|---------------------------------|-----------------|
| LOCATION                        | 67000400 CAL MO |
| NHPP                            | 1               |
| STP                             | 1               |
| <b>TOTAL</b>                    | <b>2</b>        |

| TRAFFIC CONTROL SCHEDULE |            |            |            |
|--------------------------|------------|------------|------------|
| LOCATION                 | STD 701201 | STD 701306 | STD 701606 |
| STP                      | L SUM      | L SUM      | L SUM      |
| NHPP                     |            | 0.5        | 0.5        |
| STP                      | 1          | 0.5        | 0.5        |

|   |   |            |                              |
|---|---|------------|------------------------------|
| FILE NAME =                                   | USER NAME = eversd  | DESIGNED - | REVISED -                    |
| pw:\ydot-pw.bentley.com\PWIDOT\Documents\IDOT | Offices\District 4\Projects\YD4_68D73\CADData\Design\YD468D73 | DRWN       | entire set of plans 2021.dgn |
| PLOT SCALE = 100.0000' / in.                  | CHECKED -   | REVISED -  | REVISED -                    |
| Default                                       | DATE -  | REVISED -  | REVISED -                    |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

| SCHEDULE OF QUANTITIES |       |           |              |
|------------------------|-------|-----------|--------------|
| SCALE:                 | SHEET | OF SHEETS | STA. TO STA. |
|                        |       |           |              |

|                           |                  |          |              |           |
|---------------------------|------------------|----------|--------------|-----------|
| F.A.P. RTE.               | SECTION          | COUNTY   | TOTAL SHEETS | SHEET NO. |
| 693                       | 118RS-9, 119RS-4 | TAZEWELL | 22           | 12        |
| CONTRACT NO. 68D73        |                  |          |              |           |
| ILLINOIS FED. AID PROJECT |                  |          |              |           |

| TEMPORARY RAMPS |               |                 |
|-----------------|---------------|-----------------|
| LOCATION        | WIDTH<br>FOOT | AREA<br>SQ. YD. |
| 435+00.00       | 44            | 36.67           |
| EAST ST         | 60            | 50.00           |
| PINE ST         | 130           | 108.33          |
| RAMP D          | 65            | 54.17           |
| RAMP C          | 65            | 54.17           |
| RAMP A          | 65            | 54.17           |
| RAMP B          | 65            | 54.17           |
| <b>NHPP</b>     | <b>TOTAL</b>  | <b>412</b>      |
| BAER RD         | 180           | 150.00          |
| GRANDVIEW LN    | 50            | 41.67           |
| CH 1400         | 27            | 5.00            |
| 504+88.00       | 25            | 4.63            |
| <b>STP</b>      | <b>TOTAL</b>  | <b>201</b>      |
| <b>TOTAL</b>    |               | <b>613</b>      |

| REMOVE SIGN PANEL ASSEMBLY TYPE A |          |
|-----------------------------------|----------|
| STP                               | EACH     |
| Grandview Lane                    | 2        |
| <b>TOTAL</b>                      | <b>2</b> |

| SIGN PANEL TYPE 1 |            |
|-------------------|------------|
| STP               | SQ FT      |
| Grandview Lane    | 7.5        |
| R3-5              | 7.5        |
| <b>TOTAL</b>      | <b>7.5</b> |

| RELOCATE SIGN PANEL ASSEMBLY TYPE A |          |
|-------------------------------------|----------|
| STP                                 | EACH     |
| Grandview Lane                      | 2        |
| <b>TOTAL</b>                        | <b>2</b> |

| TELESCOPING STEEL SIGN SUPPORT |           |
|--------------------------------|-----------|
| STP                            | FOOT      |
| Grandview Lane                 | 15        |
| <b>TOTAL</b>                   | <b>15</b> |

| LOCATION                                     | LENGTH | MODIFIED URETHANE PAVEMENT MARKING |                 |                        |                      |                |                     |                 |                   |                | TEMPORARY PAVEMENT MARKING |                        |                      |                |                     |                 |                   |
|--|--------|------------------------------------|-----------------|------------------------|----------------------|----------------|---------------------|-----------------|-------------------|----------------|----------------------------|------------------------|----------------------|----------------|---------------------|-----------------|-------------------|
|  |        | 4" SOLID WHITE                     | 4" SOLID YELLOW | 4" DOUBLE SOLID YELLOW | 6" SKIP DASHED WHITE | 8" SOLID WHITE | 12" DIAGONAL YELLOW | 24" SOLID WHITE | LETTERS & SYMBOLS | 4" SOLID WHITE | 4" SOLID YELLOW            | 4" DOUBLE SOLID YELLOW | 6" SKIP DASHED WHITE | 8" SOLID WHITE | 12" DIAGONAL YELLOW | 24" SOLID WHITE | LETTERS & SYMBOLS |
| Station                                      | FOOT   | FOOT                               | FOOT            | FOOT                   | FOOT                 | FOOT           | FOOT                | FOOT            | SQ FT             | FOOT           | FOOT                       | FOOT                   | FOOT                 | FOOT           | FOOT                | FOOT            | SQ FT             |
| 435+00 TO 438+30                             | 330    | 330                                |                 | 964                    |                      | 455            |                     |                 |                   | 330            |                            | 964                    |                      | 455            |                     |                 |                   |
| 438+30 TO 439+00                             | 70     | 70                                 |                 |                        |                      |                |                     |                 |                   | 70             |                            |                        |                      |                |                     |                 |                   |
| 439+00 TO 443+60                             | 460    | 920                                |                 | 920                    |                      |                |                     |                 |                   | 920            |                            | 920                    |                      |                |                     |                 |                   |
| 443+60 TO 449+50                             | 590    | 1180                               | 1180            |                        |                      |                |                     |                 |                   | 1180           | 1180                       |                        |                      |                |                     |                 |                   |
| 449+50 TO 450+36                             | 86     |                                    |                 |                        | 43                   |                |                     |                 |                   |                |                            | 43                     |                      |                |                     |                 |                   |
| 450+36 TO 457+60                             | 724    | 1448                               | 1468            |                        | 362                  |                |                     |                 |                   | 1448           | 1468                       |                        | 362                  |                |                     |                 |                   |
| 457+60 TO 458+31                             | 71     | 96                                 |                 |                        | 35.5                 |                |                     |                 |                   | 96             |                            |                        | 35.5                 |                |                     |                 |                   |
| 458+31 TO 464+85                             | 654    | 1308                               | 1308            |                        | 327                  |                |                     |                 |                   | 1308           | 1308                       |                        | 327                  |                |                     |                 |                   |
| 464+85 TO 465+50                             | 65     | 106                                |                 |                        | 32.5                 |                |                     |                 |                   | 106            |                            |                        | 32.5                 |                |                     |                 |                   |
| 465+50 TO 466+70                             | 120    |                                    |                 |                        |                      |                |                     |                 |                   |                |                            |                        |                      |                |                     |                 |                   |
| <b>TURN LANES</b>                            |        |                                    |                 |                        |                      |                |                     |                 |                   |                |                            |                        |                      |                |                     |                 |                   |
| WB IL-9 TO EAST ST                           |        |                                    |                 |                        |                      | 345            |                     |                 | 46.8              |                |                            |                        |                      | 345            |                     |                 | 46.8              |
| EB IL-9 TO PINE ST                           |        |                                    |                 |                        |                      | 146            |                     |                 | 31.2              |                |                            |                        |                      | 146            |                     |                 | 31.2              |
| WB IL-9 TO PINE ST                           |        |                                    |                 |                        |                      | 190            |                     |                 | 31.2              |                |                            |                        |                      | 190            |                     |                 | 31.2              |
| WB IL-9 TO RAMP C                            |        |                                    |                 |                        |                      | 215            |                     |                 | 31.2              |                |                            |                        |                      | 215            |                     |                 | 31.2              |
| EB IL-9 TO RAMP A                            |        |                                    |                 |                        |                      | 200            |                     |                 | 31.2              |                |                            |                        |                      | 200            |                     |                 | 31.2              |
| <b>ADDITIONAL LOCATIONS</b>                  |        |                                    |                 |                        |                      |                |                     |                 |                   |                |                            |                        |                      |                |                     |                 |                   |
| RAMP C ISLAND                                |        |                                    |                 |                        |                      | 56             |                     |                 |                   |                |                            |                        |                      | 56             |                     |                 |                   |
| RAMP D ISLAND                                |        |                                    |                 |                        |                      | 56             |                     |                 |                   |                |                            |                        |                      | 56             |                     |                 |                   |
| RAMP A ISLAND                                |        |                                    |                 |                        |                      | 56             |                     |                 |                   |                |                            |                        |                      | 56             |                     |                 |                   |
| RAMP B ISLAND                                |        |                                    |                 |                        |                      | 52             |                     |                 |                   |                |                            |                        |                      | 52             |                     |                 |                   |
| <b>TOTAL NHPP</b>                            |        | <b>5458</b>                        | <b>3956</b>     | <b>1884</b>            | <b>800</b>           | <b>1771</b>    |                     |                 | <b>172</b>        | <b>5458</b>    | <b>3956</b>                | <b>1884</b>            | <b>800</b>           | <b>1771</b>    |                     |                 | <b>172</b>        |
| <b>STATION</b>                               |        |                                    |                 |                        |                      |                |                     |                 |                   |                |                            |                        |                      |                |                     |                 |                   |
| 466+70 TO 475+90                             | 920    | 1840                               | 1840            |                        | 460                  |                |                     |                 |                   | 1840           | 1840                       |                        | 460                  |                |                     |                 |                   |
| 474+70 TO 475+60                             | 90     |                                    |                 |                        | 45                   |                |                     |                 |                   |                |                            |                        | 45                   |                |                     |                 |                   |
| 475+60 TO 482+95                             | 735    | 1470                               | 1470            |                        | 367.5                |                |                     |                 |                   | 1470           | 1470                       |                        | 367.5                |                |                     |                 |                   |
| 482+95 TO 483+42                             | 47     | 47                                 |                 |                        | 11.75                |                |                     |                 |                   | 47             |                            |                        | 11.75                |                |                     |                 |                   |
| Grandview Lane - See Sheet 15                |        |                                    |                 |                        |                      |                |                     |                 |                   |                |                            |                        |                      |                |                     |                 |                   |
| 483+42 TO 492+04                             | 862    | 1724                               | 289             | 2278                   | 24                   | 115            | 125                 | 12              | 31.2              | 1724           | 289                        | 2278                   | 24                   | 115            | 125                 | 12              | 31.2              |
| East Lake Winderemere Road                   |        |                                    |                 |                        |                      |                |                     |                 |                   |                |                            |                        |                      |                |                     |                 |                   |
| 492+04 TO 498+76                             | 672    | 1268                               |                 | 1344.4                 |                      |                |                     |                 |                   | 1268.4         |                            | 1344.4                 |                      |                |                     |                 | 18                |
| Station Equation 498+76.22 BK = 503+76.98 AH |        |                                    |                 |                        |                      |                |                     |                 |                   |                |                            |                        |                      |                |                     |                 |                   |
| 503+77 TO 504+88                             | 111    | 222                                |                 | 222                    |                      |                |                     |                 |                   | 222            |                            | 222                    |                      |                |                     |                 |                   |
| <b>TURN LANES</b>                            |        |                                    |                 |                        |                      |                |                     |                 |                   |                |                            |                        |                      |                |                     |                 |                   |
| EB IL-9 TO BAER RD                           |        |                                    |                 |                        |                      | 215            |                     |                 | 31.2              |                |                            |                        |                      | 215            |                     |                 | 31.2              |
| WB IL-9 TO BAER RD                           |        |                                    |                 |                        |                      | 235            |                     |                 | 31.2              |                |                            |                        |                      | 235            |                     |                 | 31.2              |
| <b>TOTAL STP</b>                             |        | <b>6715</b>                        | <b>3599</b>     | <b>3844</b>            | <b>908</b>           | <b>565</b>     | <b>125</b>          | <b>30</b>       | <b>94</b>         | <b>6715</b>    | <b>3599</b>                | <b>3844</b>            | <b>908</b>           | <b>565</b>     | <b>125</b>          | <b>30</b>       | <b>94</b>         |
| <b>SUB TOTAL</b>                             |        | <b>12173</b>                       | <b>7555</b>     | <b>5728</b>            | <b>1708</b>          | <b>2336</b>    | <b>125</b>          | <b>30</b>       | <b>266</b>        | <b>12173</b>   | <b>7555</b>                | <b>5728</b>            | <b>1708</b>          | <b>2336</b>    | <b>125</b>          | <b>30</b>       | <b>266</b>        |
| <b>TOTAL</b>                                 |        |                                    | <b>25456</b>    |                        |                      |                |                     |                 |                   |                | <b>25456</b>               |                        |                      |                |                     |                 |                   |

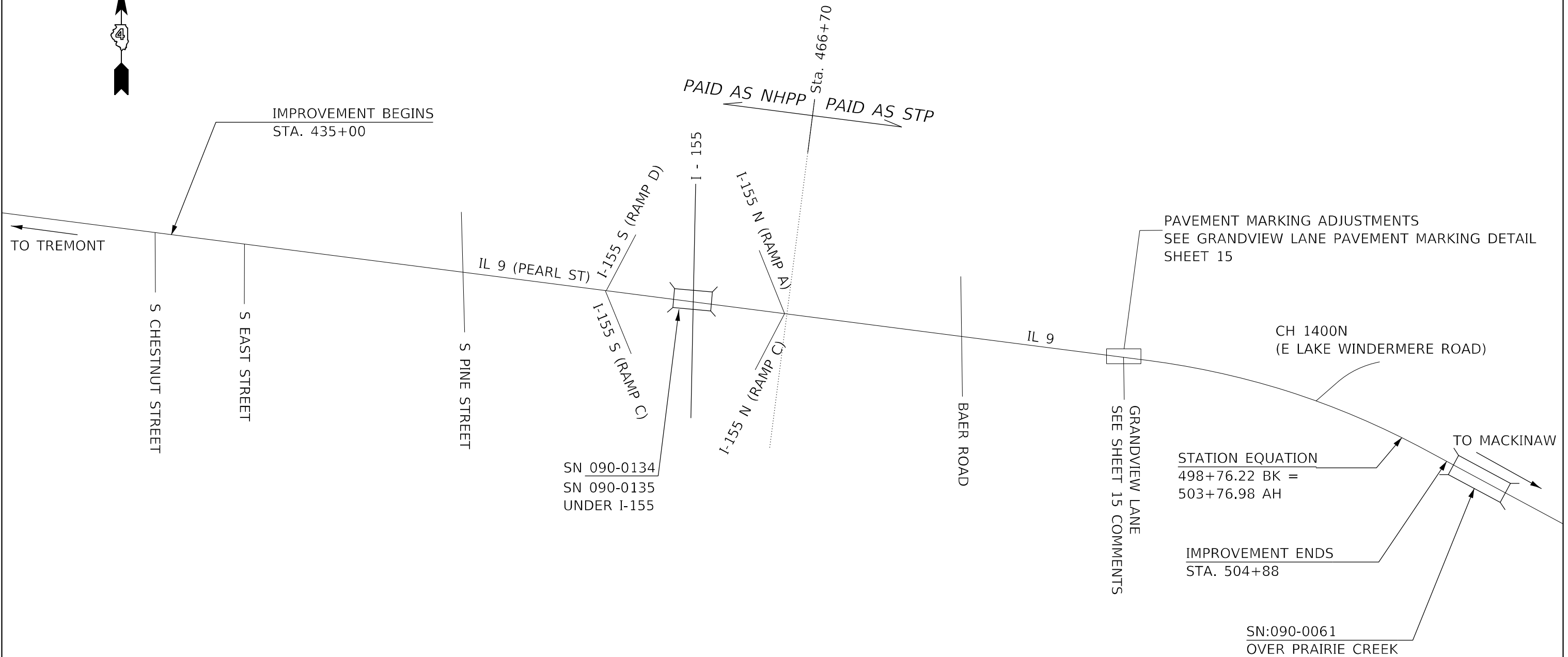
| GROOVING PAVEMENT MARKINGS |              |             |               |
|----------------------------|--------------|-------------|---------------|
| TYPE                       | NHPP<br>FOOT | STP<br>FOOT | TOTAL<br>FOOT |
| LINE 5"                    | 11298        | 14158       | 25456         |
| LINE 7"                    | 800          | 908         | 1708          |
| LINE 9"                    | 1771         | 565         | 2336          |
| LINE 13"                   | 0            | 125         | 125           |
| LINE 25"                   | 0            | 30          | 30            |

| GROOVING PAVEMENT MARKING |               |              |
|---------------------------|---------------|--------------|
| TYPE                      | NHPP<br>SQ FT | STP<br>SQ FT |
| LETTERS & SYMBOLS         | 172           | 94           |
| <b>TOTAL</b>              | <b>266</b>    |              |

| RAISED REFLECTIVE PAVEMENT MARKER REMOVAL |    |           |              |             |
|---|----|-----------|--------------|-------------|
| STATION                                   | TO | STATION   | NHPP<br>EACH | STP<br>EACH |
| 435+00.00                                 | TO | 466+70.00 | 86           |             |
| 466+70.00                                 | TO | 504+88.00 |              | 98          |
| <b>TOTAL</b>                              |    |           | <b>184</b>   |             |

| RAISED REFLECTIVE PAVEMENT MARKERS |    |           |              |             |
|------------------------------------|----|-----------|--------------|-------------|
| STATION                            | TO | STATION   | NHPP<br>EACH | STP<br>EACH |
| 435+00.00                          | TO | 466+70.00 | 122          |             |
| 466+70.00                          | TO | 504+88.00 |              | 113         |
| <b>TOTAL</b>                       |    |           | <b>235</b>   |             |

NOTE: DOUBLE LANE LINE MARKERS TO BE USED THROUGH MULTI-LANE DIVIDED SECTION



SN 090-0134  
SN 090-0135  
UNDER I-155

PAVEMENT MARKING ADJUSTMENTS  
SEE GRANDVIEW LANE PAVEMENT MARKING  
DETAIL SHEET 15

STATION EQUATION  
498+76.22 BK =  
503+76.98 AH

IMPROVEMENT ENDS  
STA. 504+88

SN:090-0061  
OVER PRAIRIE CREEK

DRAWING NOT TO SCALE

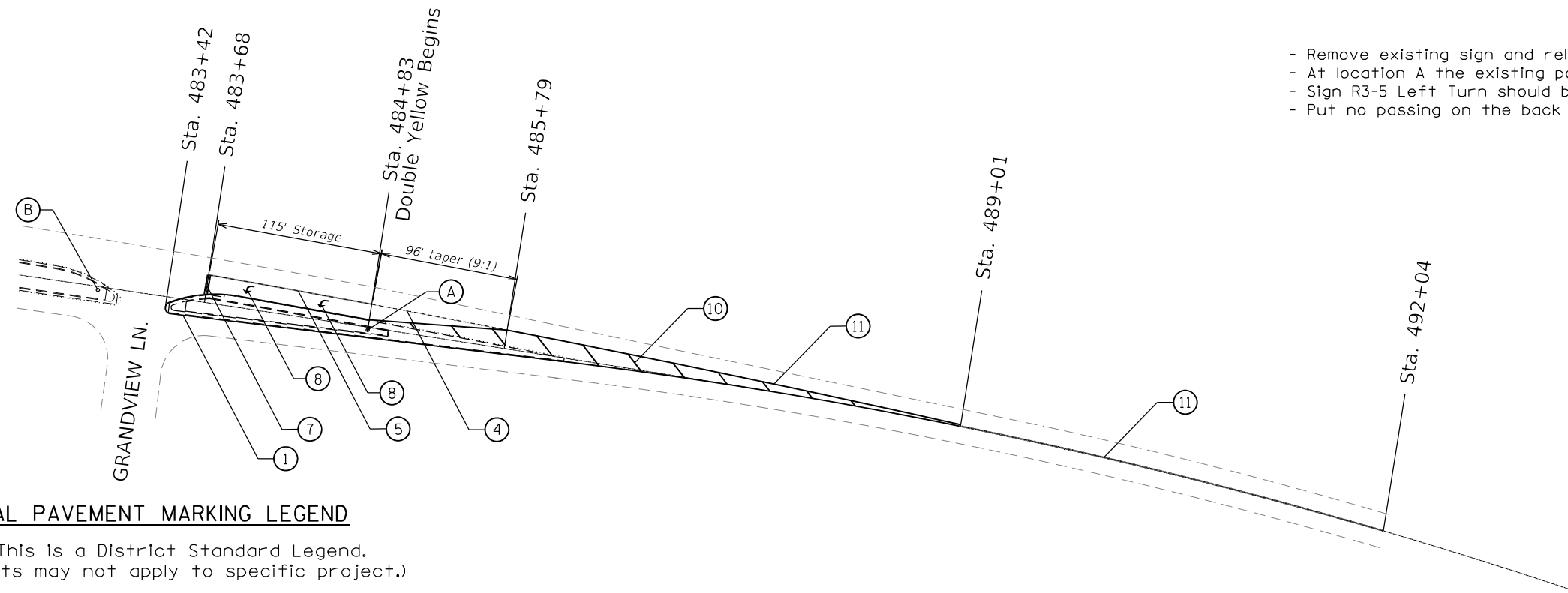
|   |   |                       |           |
|---|---|-----------------------|-----------|
| FILE NAME =                                   | USER NAME = eversd  | DESIGNED WALLENFANGTJ | REVISED - |
| p:\p\dot-pw.bentley.com\PWIDOT\Documents\IDOT | Offices\District 4\Projects\04_68D73\CADData\Design\0468D73 | DRAWN WALLENFANGTJ    | REVISED - |
| Default                                       | PLOT SCALE = 100.0000' / in.                                | CHECKED -             | REVISED - |
|   | PLOT DATE = 10/22/2021                                      | DATE -                | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LINE DIAGRAM**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION          | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------------|----------|--------------|-----------|
| 693                       | 118RS-9, 119RS-4 | TAZEWELL | 22           | 14        |
| CONTRACT NO. 68D73        |                  |          |              |           |
| ILLINOIS FED. AID PROJECT |                  |          |              |           |

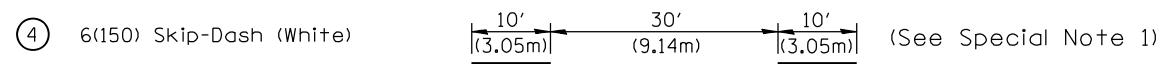


- Remove existing sign and relocate sign A to location B
- At location A the existing post can be reused
- Sign R3-5 Left Turn should be placed at location A
- Put no passing on the back of LT sign at location B

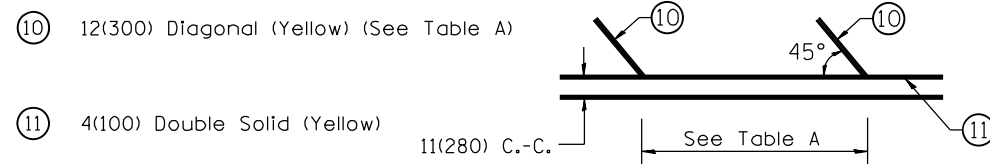
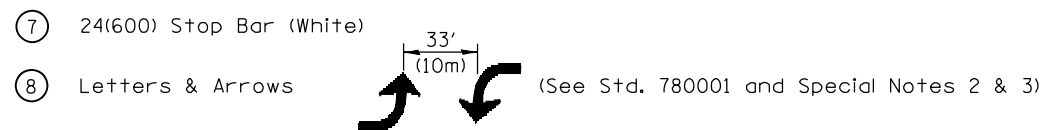
**TYPICAL PAVEMENT MARKING LEGEND**

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)  
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)



- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)



- Ⓐ R3-5 Left turn only 30x36

- Ⓑ Divided Median 30x36

**SPECIAL NOTES**

- Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.

**TABLE A**

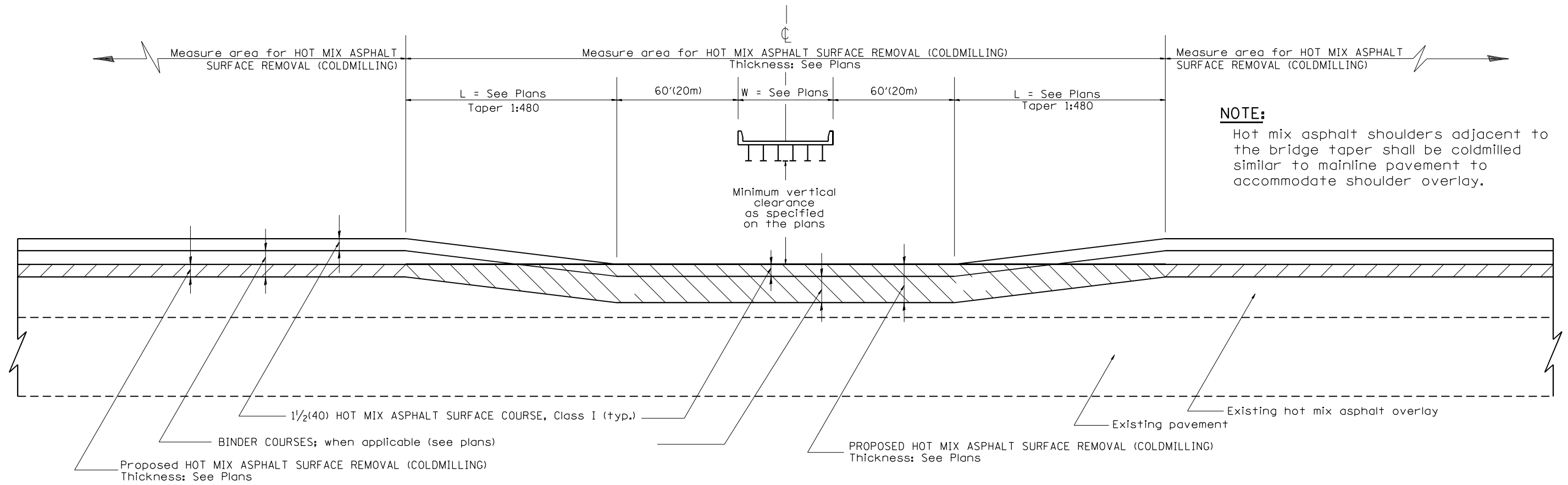
**RECOMMENDED SPACING BETWEEN DIAGONAL LINES**

| SPEED LIMIT RANGE          | CONTINUOUS | INTERSECTION CHANNELIZATION<br>(Includes Width Transitions for Median and Left Turn Lane Introductions) |                        |
|----------------------------|------------|---|------------------------|
|                            |            | 4" SOLID YELLOW   | 4" DOUBLE SOLID YELLOW |
| Less Than 30 mph (50 km/h) | 50' (15m)  | 15' (5m)  | 15' (5m)               |
| 30 - 45 mph (50 - 70 km/h) | 75' (23m)  | 20' (6m)  | 20' (6m)               |
| Over 45 mph (70 km/h)      | 150' (46m) | 30' (9m)  | 30' (9m)               |

| Location           | MODIFIED URETHANE |                        |                      |                |                     |                 |                     | TEMPORARY PAVEMENT MARKING |                        |                      |                |                     |                 |                     |
|--------------------|-------------------|------------------------|----------------------|----------------|---------------------|-----------------|---------------------|----------------------------|------------------------|----------------------|----------------|---------------------|-----------------|---------------------|
|                    | 4" SOLID YELLOW   | 4" DOUBLE SOLID YELLOW | 6" SKIP DASHED WHITE | 8" SOLID WHITE | 12" DIAGONAL YELLOW | 24" SOLID WHITE | LETTERS AND SYMBOLS | 4" SOLID YELLOW            | 4" DOUBLE SOLID YELLOW | 6" SKIP DASHED WHITE | 8" SOLID WHITE | 12" DIAGONAL YELLOW | 24" SOLID WHITE | LETTERS AND SYMBOLS |
| STATION TO STATION |                   |                        |                      |                |                     |                 |                     |                            |                        |                      |                |                     |                 |                     |
| WESTBOUND IL-9     |                   |                        |                      |                |                     |                 |                     |                            |                        |                      |                |                     |                 |                     |
| 483+42 TO 483+68   | 58                |                        |                      |                |                     | 12              |                     | 58                         |                        |                      |                |                     | 12              |                     |
| 483+68 TO 484+83   | 231               |                        |                      | 115            |                     |                 | 31.2                | 231                        |                        |                      | 115            |                     |                 | 31.2                |
| 484+83 TO 485+79   |                   | 384                    | 24                   |                | 30                  |                 |                     |                            | 384                    | 24                   |                | 30                  |                 |                     |
| 485+79 TO 489+01   |                   | 1288                   |                      |                | 95                  |                 |                     |                            | 1288                   |                      |                | 95                  |                 |                     |
| 489+01 TO 492+04   |                   | 606                    |                      |                |                     |                 |                     |                            | 606                    |                      |                |                     |                 |                     |
| <b>SUBTOTAL</b>    | 289               | 2278                   | 24                   | 115            | 125                 | 12              | 31.2                | 289                        | 2278                   | 24                   | 115            | 125                 | 12              | 31.2                |
| <b>TOTAL</b>       | <b>2567</b>       |                        | <b>24</b>            | <b>115</b>     | <b>125</b>          | <b>12</b>       | <b>31.2</b>         | <b>2567</b>                |                        | <b>24</b>            | <b>115</b>     | <b>125</b>          | <b>12</b>       | <b>31.2</b>         |

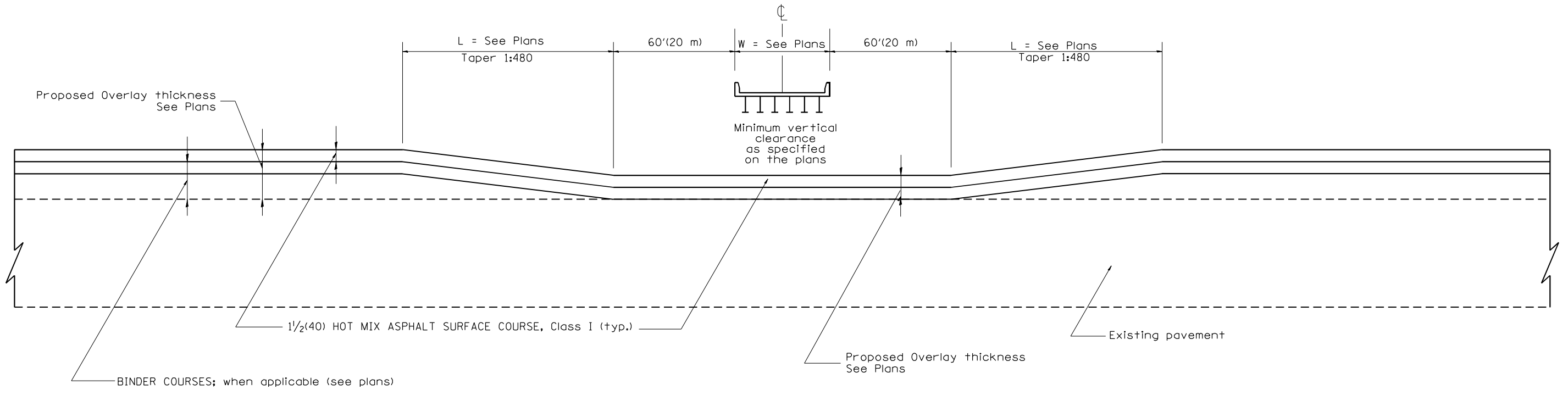
Note: Quantities are listed in Pavement Marking table on Sheet 13.

DRAWING NOT TO SCALE



**NOTE:**  
Hot mix asphalt shoulders adjacent to the bridge taper shall be coldmilled similar to mainline pavement to accommodate shoulder overlay.

**CASE 1: WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**



**CASE 2: NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

All dimensions are in inches (millimeters) unless otherwise noted.

|          |                                  |      |
|----------|----------------------------------|------|
| 01-01-97 | RENUM. C-23.03, NEW REVISION BOX | T.P. |
| 10-16-06 | REVISED TO 2007 SPEC.            | M.A. |
| 07-16-19 | HMA shoulder note edited         | R.D. |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

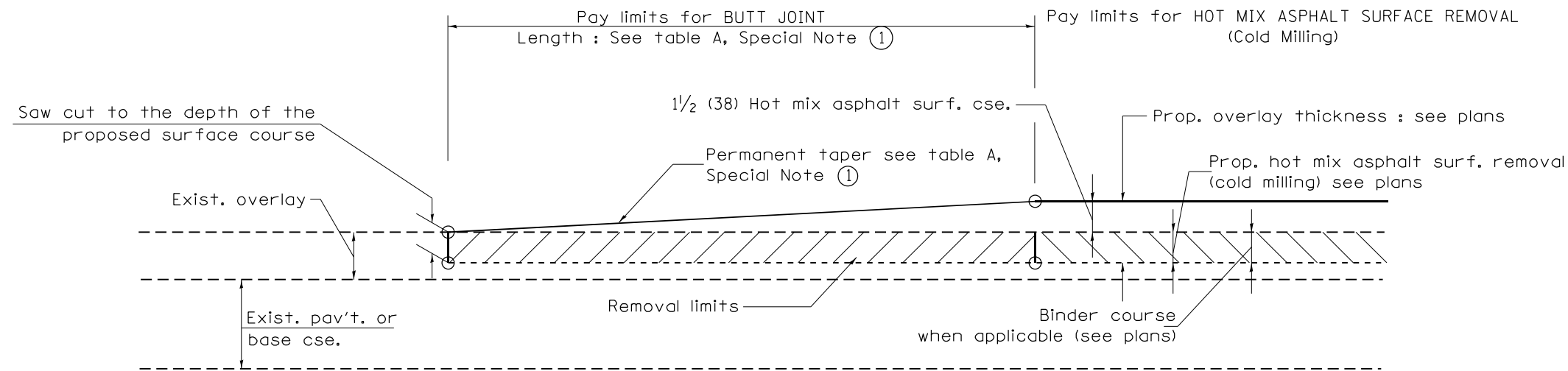
**PAVEMENT OVERLAY UNDER STRUCTURES  
SPECIAL TREATMENT**

NOT TO SCALE

CADD STD. 406001-D4

| F.A.P. RTE.                                   | SECTION          | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---|------------------|----------|--------------|-----------|
| 693   | 118RS-9, 119RS-4 | TAZEWELL | 22           | 16        |
| CONTRACT NO. 68D73                            |                  |          |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |          |              |           |





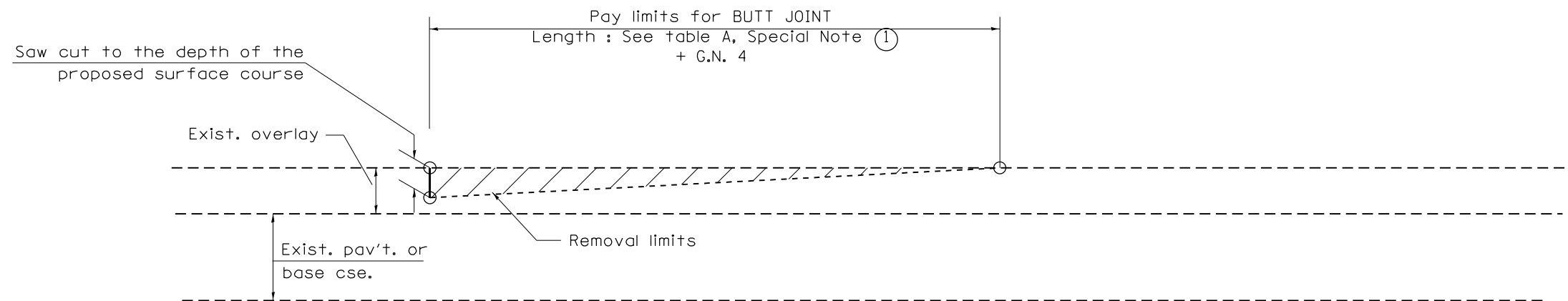
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A  
TAPER RATES**

| SPECIAL NOTE NUMBER | ELEMENT                   | MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS | ALL OTHERS |
|---------------------|---------------------------|---|------------|
| ①                   | BUTT JOINT TAPER RATE     | 1:480                                     | 1:240      |
| ②                   | TEMPORARY RAMP TAPER RATE | 1:80                                      | 1:40       |

**GENERAL NOTES**

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

All dimensions are in inches (millimeters) unless otherwise noted.

|          |                                  |        |          |                                  |      |
|----------|----------------------------------|--------|----------|----------------------------------|------|
| 01-01-97 | RENUM. C-23.01, NEW REVISION BOX | T.P.   | 08-21-13 | MAJOR MODIFICATIONS              | R.D. |
| 04-01-97 | CORRECTION TO DEPTH              | J.A.   | 04-12-16 | MINOR CORRECTIONS                | R.D. |
| 09-15-05 | REVISED DESIGNER NOTE            | M.M.A. | 02-14-17 | ADDED NOTE 5                     | R.D. |
| 10-16-06 | REVISED TO 2007 SPEC.            | M.A.   | 07-16-19 | Wording and Spelling corrections | R.D. |

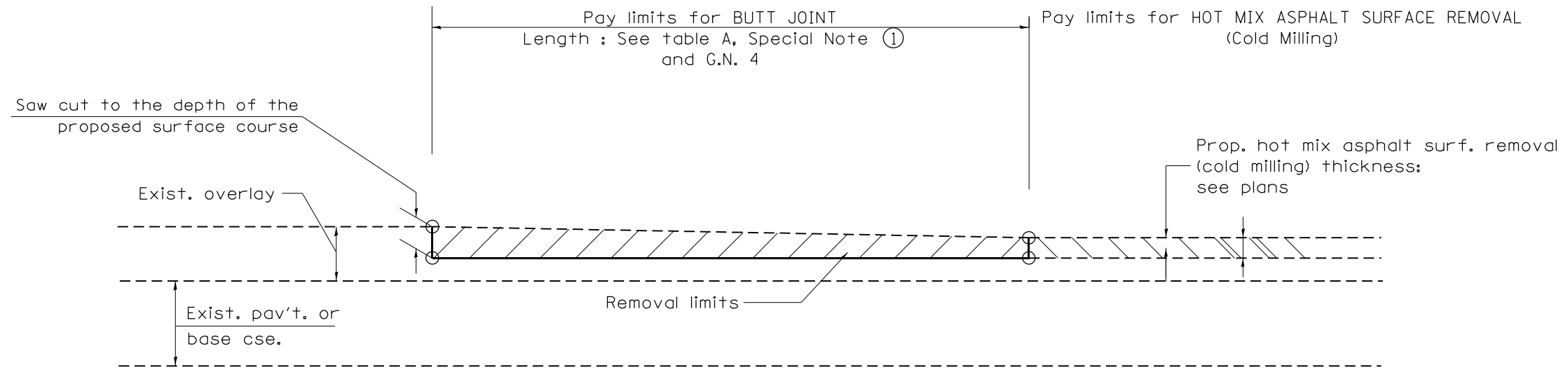
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINTS**

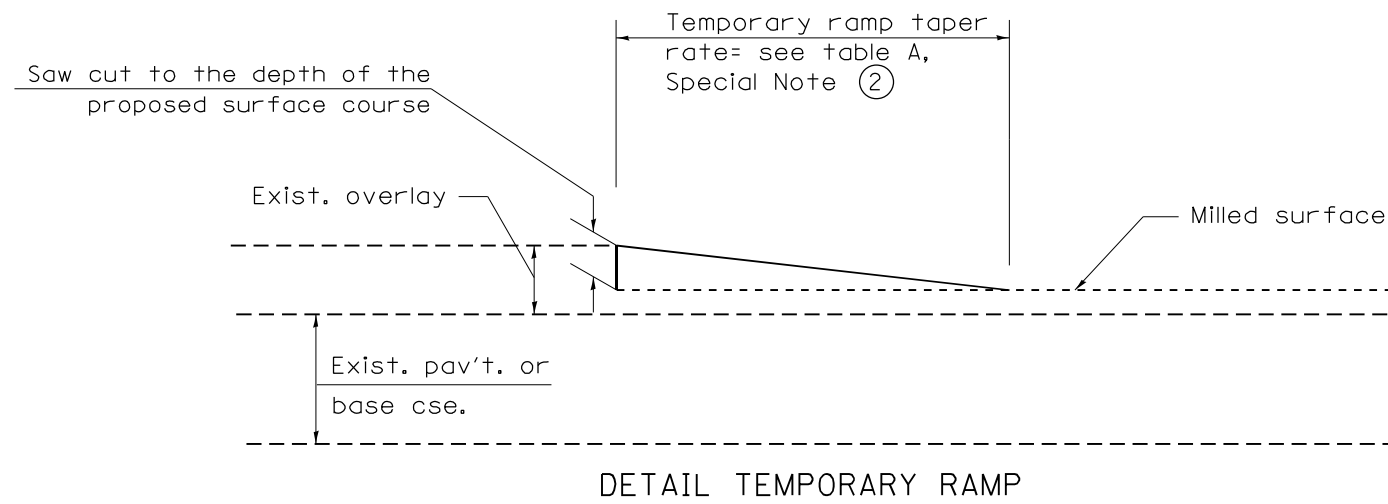
NOT TO SCALE

SHT. 1 OF 3  
CADD STD. 406101-D4

| F.A.P. RTE.                                   | SECTION          | COUNTY   | TOTAL SHEETS       | SHEET NO. |
|---|------------------|----------|--------------------|-----------|
| 693   | 118RS-9, 119RS-4 | TAZEWELL | 22                 | 17        |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |          | CONTRACT NO. 68D73 |           |



**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**

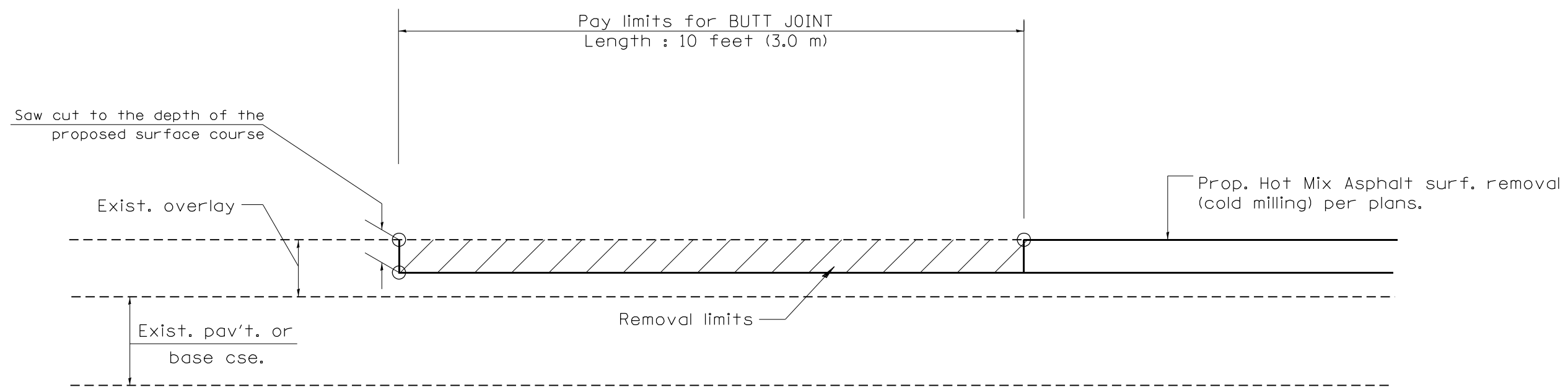


**DETAIL TEMPORARY RAMP**

All dimensions are in inches (millimeters) unless otherwise noted.

|  |  |  |  |   |                    |                                    |  |                  |          |              |           |
|--|--|--|--|---|--------------------|------------------------------------|--|------------------|----------|--------------|-----------|
|  |  |  |  | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>BUTT JOINTS</b> | SHT. 2 OF 3<br>CADD STD. 406101-D4 | F.A.P. RTE.  | SECTION          | COUNTY   | TOTAL SHEETS | SHEET NO. |
|  |  |  |  |   |                    |                                    | 693  | 118RS-9, 119RS-4 | TAZEWELL | 22           | 18        |
|  |  |  |  |   |                    |                                    | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 68D73 |                  |          |              |           |

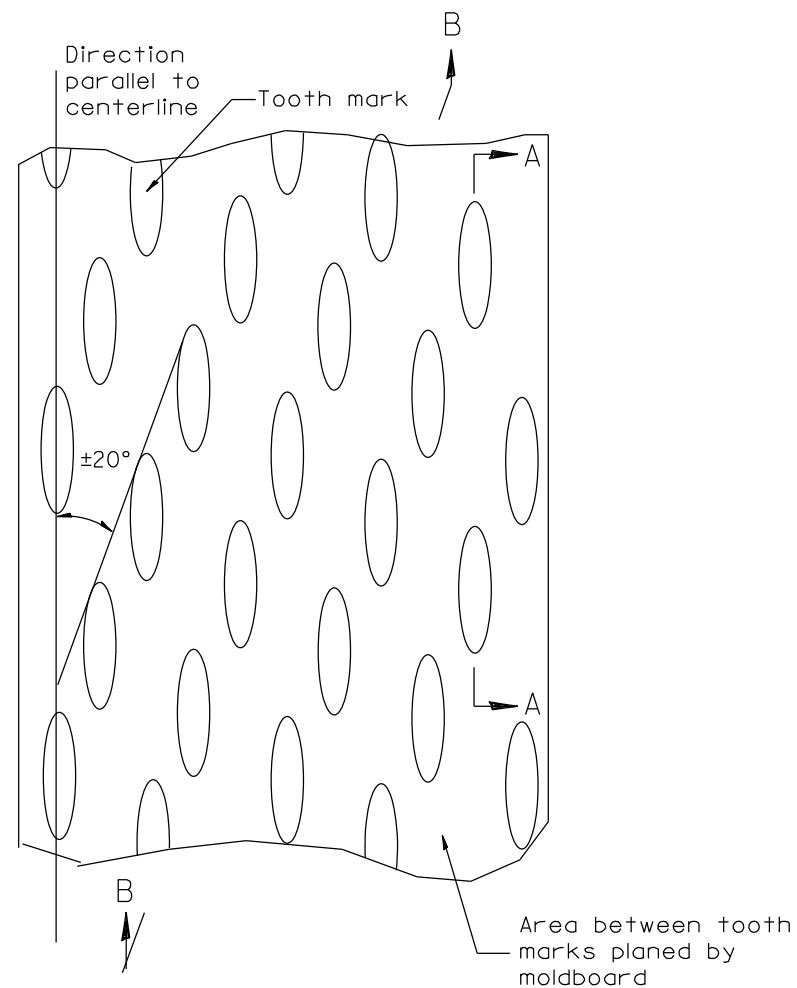
NOT TO SCALE



**CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH  
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**

All dimensions are in inches (millimeters) unless otherwise noted.

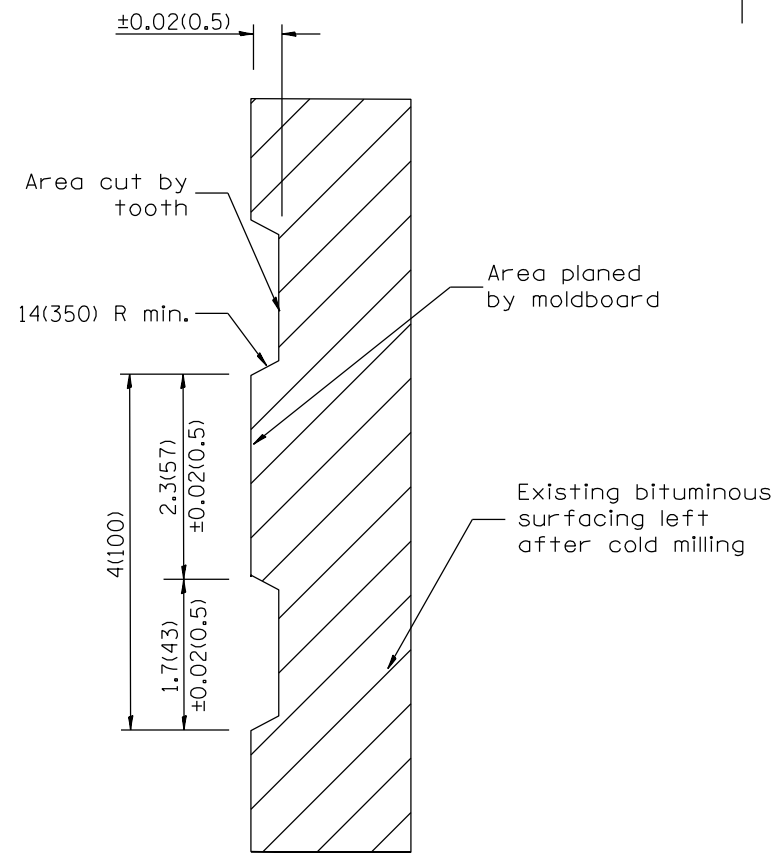
|                    |                  |          |              | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> |  | <b>BUTT JOINTS</b> |  | SHT. 3 OF 3<br>CADD STD. 406101-D4 |  | <table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>693</td> <td>118RS-9, 119RS-4</td> <td>TAZEWELL</td> <td>22</td> <td>19</td> </tr> <tr> <td colspan="5" style="text-align: center;">CONTRACT NO. 68D73</td> </tr> </table> |  | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | 693 | 118RS-9, 119RS-4 | TAZEWELL | 22 | 19 | CONTRACT NO. 68D73 |  |  |  |  |
|--------------------|------------------|----------|--------------|---|--|--------------------|--|------------------------------------|--|--|--|-------------|---------|--------|--------------|-----------|-----|------------------|----------|----|----|--------------------|--|--|--|--|
| F.A.P. RTE.        | SECTION          | COUNTY   | TOTAL SHEETS | SHEET NO.   |  |                    |  |                                    |  |  |  |             |         |        |              |           |     |                  |          |    |    |                    |  |  |  |  |
| 693                | 118RS-9, 119RS-4 | TAZEWELL | 22           | 19  |  |                    |  |                                    |  |  |  |             |         |        |              |           |     |                  |          |    |    |                    |  |  |  |  |
| CONTRACT NO. 68D73 |                  |          |              |   |  |                    |  |                                    |  |  |  |             |         |        |              |           |     |                  |          |    |    |                    |  |  |  |  |
|                    |                  |          |              | NOT TO SCALE  |  |                    |  | FED. ROAD DIST. NO.                |  | ILLINOIS FED. AID PROJECT  |  |             |         |        |              |           |     |                  |          |    |    |                    |  |  |  |  |



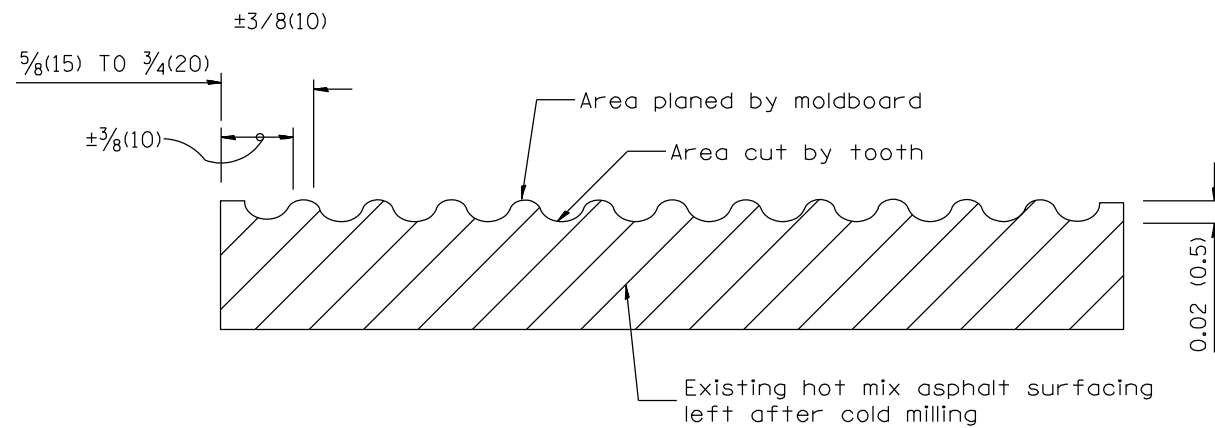
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED  
PERPENDICULAR TO CENTERLINE

All dimensions are in inches (millimeters) unless otherwise noted.

|          |                                      |      |
|----------|--------------------------------------|------|
| 01-01-97 | RENUM. C-104.01, NEW REVISION BOX    | T.P. |
| 04-20-98 | REMOVED MILLING DETAIL FROM STANDARD | J.A. |
| 09-08-98 | CORRECT NOTE LEADER PLACEMENT        | R.W. |
| 10-16-06 | REVISED TO 2007 SPEC.                | M.A. |

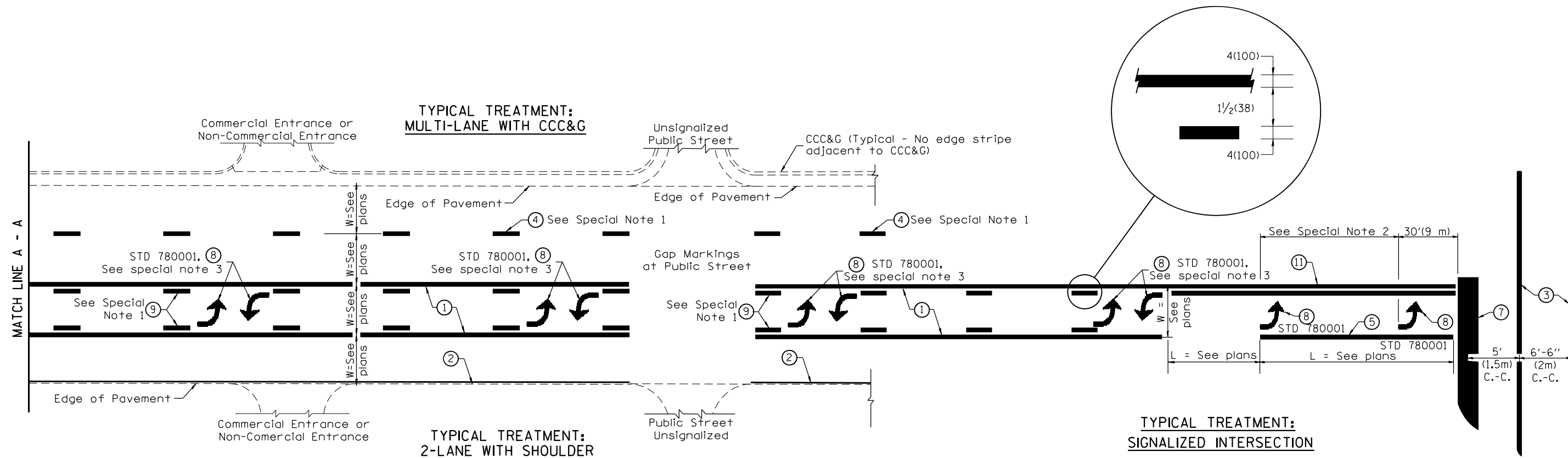
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

CADD STD. 440001-D4

| F.A.P. RTE.                                   | SECTION          | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---|------------------|----------|--------------|-----------|
| 693   | 118RS-9, 119RS-4 | TAZEWELL | 22           | 20        |
| CONTRACT NO. 68D73                            |                  |          |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |          |              |           |



**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

**TYPICAL PAVEMENT MARKING LEGEND**

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)  
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

**SPECIAL NOTES**

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
  - A. A minimum of two (2) arrows is required.
  - B. The maximum spacing between arrows is 80' (24 m).
  - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
  - A. A minimum of two (2) arrow pairs is required.
  - B. The maximum spacing between arrow pairs is 200' (61 m).
  - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
  - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

**GENERAL NOTES**

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:  
Through Arrow= 14.8 sq. ft.  
Large Left or Right Arrow= 21.9 sq. ft.  
2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.  
Wrong Way Arrow= 29.5 sq. ft.  
Railroad Crossing Symbol= 69.8 sq. ft.  
(For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

|          |                                  |      |          |                       |      |
|----------|----------------------------------|------|----------|-----------------------|------|
| 01-01-97 | RENUM. F-8.03, NEW REVISION BOX  | T.P. | 10-16-06 | REVISED TO 2007 SPEC. |      |
| 02-07-97 | ADD BI DIRECTIONAL DIMENSION     | J.A. | 2/29/16  | ADDED GROOVING AREAS  | R.D. |
| 10-97    | CORRECT BI DIRECTIONAL DIMENSION | J.A. | 07-16-19 | SPELLING CORRECTIONS  | R.D. |
| 08-02    | ADD CROSSWALK DMNS. WITH T.S.    | M.A. |          |                       |      |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

**TYPICAL PAVEMENT MARKINGS**

SHT. 1 OF 2  
CADD STD. 780001-D4

| F.A.P. RTE.                                   | SECTION          | COUNTY   | TOTAL SHEETS       | SHEET NO. |
|---|------------------|----------|--------------------|-----------|
| 693   | 118RS-9, 119RS-4 | TAZEWELL | 22                 | 21        |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |          | CONTRACT NO. 68D73 |           |

