

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------------|----------|--------------------|-----------|
| 74 | 90(14RS-5;15RS-6) | TAZEWELL | 71 | 1 |
| | | ILLINOIS | CONTRACT NO. 68F11 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY STANDARDS:

| | |
|-----------|-----------|
| 000001-08 | 665001-02 |
| 001001-02 | 701101-05 |
| 280001-07 | 701106-02 |
| 442201-03 | 701400-11 |
| 542001-06 | 701401-13 |
| 542301-03 | 701411-09 |
| 542311-07 | 701426-09 |
| 630001-12 | 701428-01 |
| 630106-02 | 701901-08 |
| 630301-09 | 725001-01 |
| 631011-10 | 780001-05 |
| 631031-17 | 781001-04 |
| 631033-08 | 782006-01 |
| 642001-03 | |

**PROPOSED
HIGHWAY PLANS**

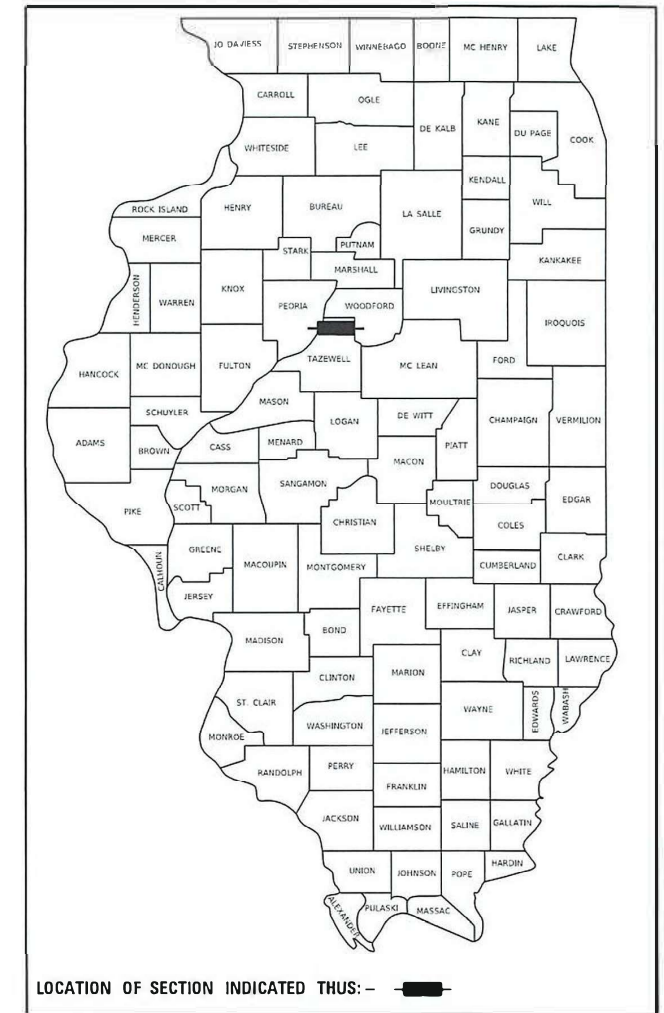
**FAI 74 (I-74)
SECTION 90(14RS-5;15RS-6)
PROJECT NHPP-1326(531)
INTERSTATE 3R RESURFACE
TAZEWELL COUNTY**

C-94-067-19

I-74
PROJECT BEGINS STA. 632 + 35
PROJECT ENDS STA. 971 + 40

I-74
PROJECT BEGINS STA. 632 + 35

D-94-046-19

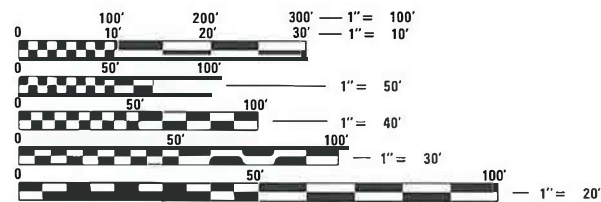


PROJECT DESCRIPTION:
THE PROJECT CONSISTS OF PAVEMENT PATCHING, MILLING AND RESURFACING, AGGREGATE WEDGE SHOULDERS, GAURDRAIL REPLACEMENT, DRAINAGE IMPROVEMENTS, PAVEMENT MARKING, AND OTHER COLLATERAL WORK.

ADT 23,900 (2019)
MU 17.6%
SU 3.0%

BRIDGE OMISSIONS:

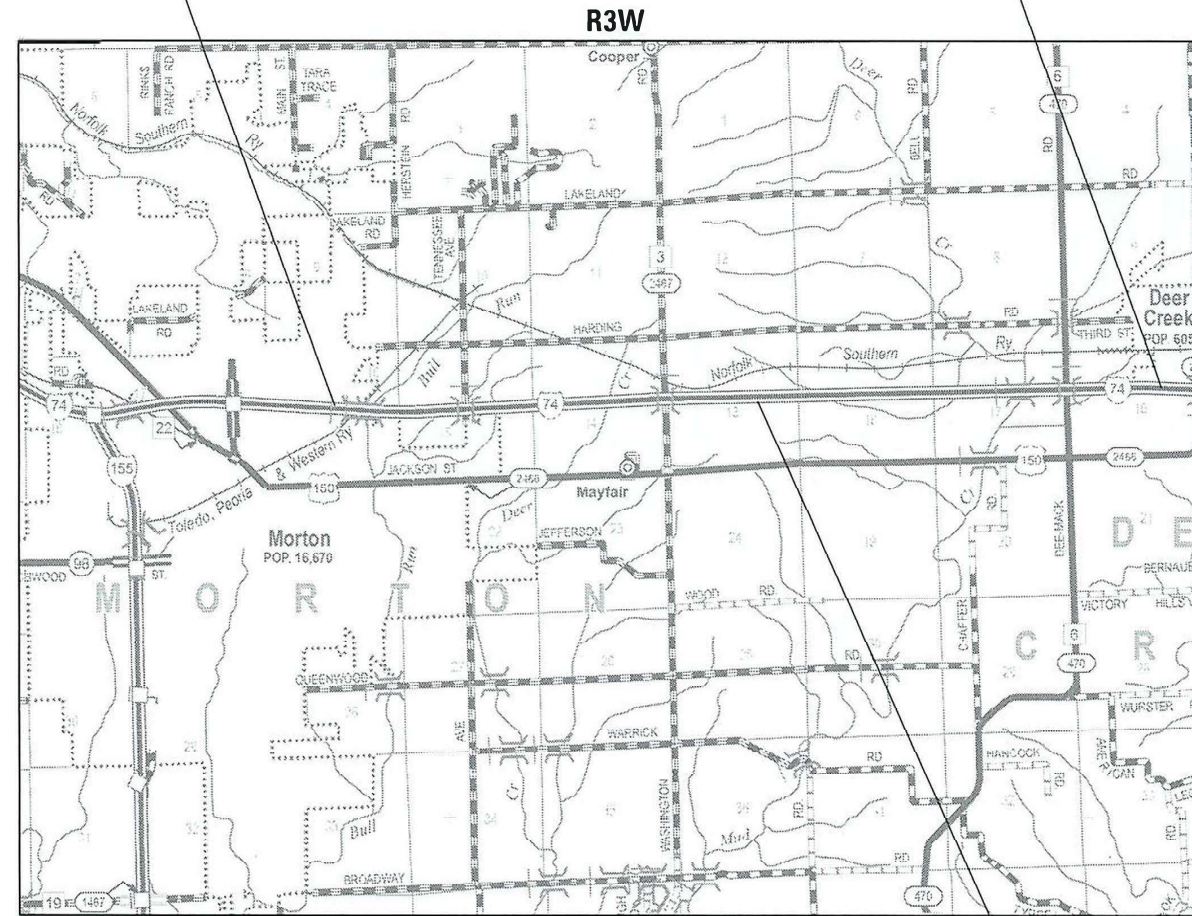
- EB STA. 632+95 TO STA. 635+10
- EB STA. 642+60 TO STA. 645+41
- EB STA. 903+95 TO STA. 906+18
- WB STA. 633+10 TO STA. 635+23
- WB STA. 643+14 TO STA. 645+98
- WB STA. 904+26 TO STA. 906+48



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT

ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



PROJECT ENGINEER: RICH DOTSON (309)671-3455
PROJECT MANAGER: DAVID GREEN (309)671-3473
CATALOG NO. 035832-00D
CONTRACT NO. 68F11

GROSS LENGTH = 33898.69 FT. = 6.4202 MILE
NET LENGTH = 33179.69 FT. = 6.2840 MILE

STATION EQUATION
STA. 804 + 28.11 BK =
STA. 804 + 34.42 AH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 21, 2021
Paul A. Jansen REGIONAL ENGINEER

December 10, 2021
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

December 10, 2021
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX OF SHEETS, GENERAL NOTES, AND PROJECT SPECIFIC NOTES
- 3-8. SUMMARY OF QUANTITIES
- 9-13. SCHEDULE OF QUANTITIES
- 14. EXISTING TYPICAL SECTIONS
- 15-16. PROPOSED TYPICAL SECTIONS
- 17. LINE DIAGRAM
- 18-30. REMOVAL PLAN SHEETS
- 31-43. PROPOSED PLAN SHEETS
- 44-49. PROPOSED GUARDRAIL PLANS
- 50-53. STAGING DETAILS AND PAVING SEQUENCE
- 54. STA 879+07 CULVERT EXTENSION DETAIL A
- 55-57. STA 934+00 CONCRETE CULVERT END SECTION REPLACEMENT DETAILS
- 58. CONCRETE CURB, TYPE B (SPECIAL) DETAIL
- 59. PAVEMENT OVERLAY UNDER SN 090-0077 SPECIAL TREATMENT DETAIL
- 60. PAVEMENT TRANSITION DETAIL
- 61. PIPE CULVERT EXTENSION COLLAR DETAIL
- 62-71. DISTRICT CADD STANDARDS

GENERAL NOTES

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 on this contract.

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.

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 |

BUTT JOINT CUTTING TIME RESTRICTION

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

SECURING DRAINAGE STRUCTURE GRATES

Prior to routing traffic onto the shoulders as shown in the staging plans, the Contractor shall secure gratings on shoulder inlets as directed by the Engineer. This work will not be paid for separately, but shall be included in the cost of the traffic control pay item.

ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right at any time to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the Standard Specifications shall be followed by each Contractor.

MINIMUM VERTICAL CLEARANCE

The Contractor shall verify the existing structure vertical clearance prior to placing bituminous overlay under any structure. A minimum 16' - 0" vertical clearance shall be maintained under all structures.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

| Mixture Use(s): | POLYMER SMA SURFACE COURSE 2" | POLYMER SMA BINDER COURSE 2" | POLYMER BINDER COURSE (Mainline 1" and Local Leveling) | HMA SHOULDER & INCIDENTAL (Surface Lift) | HMA SHOULDER (Lower Lift) | CLASS D PATCHES |
|---|-------------------------------|------------------------------|--|--|---------------------------|-----------------|
| ACPG: | SBS OR SBR 76-28 | SBS OR SBR 76-28 | SBS OR SBR 76-22 | PG 64-22 | PG 64-22 | PG 64-22 |
| Design Air Voids: | 4.0% AT N=80 | 4.0% AT N=80 | 4.0% AT N=50 | 4.0% AT N=50 | 4.0% AT N=50 | 4.0% AT N=70 |
| Mixture Composition: (Gradation Mixture): | IL 12.5 | IL 12.5 | IL 4.75 | IL 9.5FG | IL 9.5 | IL 19.0 |
| Friction Aggregate: | Mixture E | N.A. | N.A. | Mixture C | N.A. | N.A. |
| Quality Management: | PFP | PFP | PFP | QC/QA | QC/QA | QC/QA |
| Material Transfer Device | Yes | Yes | Yes | No | No | No |

Notes:

- 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.
- 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 1000 tons, unless otherwise agreed to by the Engineer and the paving Contractor.

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.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structures may be crossed with an empty MTD with the following maximum gross weight restrictions.

- S.N. 090-0019 (40 TONS)
- S.N. 090-0020 (40 TONS)
- S.N. 090-0021 (40 TONS)
- S.N. 090-0022 (40 TONS)
- S.N. 090-0023 (40 TONS)
- S.N. 090-0024 (40 TONS)

Any structures not listed above shall be verified by the resident prior to beginning work.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

MODEL: Default
 FILE NAME: p:\project-pw-beadefy.com\PI\DOT\Documents\DOT\Office\District 4\Project\04_68F11\CADD\DATA\CADD\sheet\68F11_Cover_Spec_Gen_Notes_Collar_detail_Line_Diagram.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 11/2/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, GENERAL NOTES, AND PROJECT SPECIFIC NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------------|----------|--------------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 2 |
| | | | CONTRACT NO. 68F11 | |
| | | ILLINOIS | FED. AID PROJECT | |

RESURFACING SCHEDULE

| LOCATION | LENGTH (FT) | LANE WIDTH (FT) | SHOULDER WIDTH (FT) | LANE AREA (SQ FT) | SHOULDER AREA (SQ FT) | 40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | 44000157 HOT-MIX ASPHALT SURFACE REMOVAL - 2" | 44000165 HOT-MIX ASPHALT SURFACE REMOVAL - 4" | 44001198 HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH | 40600295 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) | 40603200 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 4.75, N50 | 40605015 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 4.75, N50 | 40605015 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, ASPHALT 12.5, MIX "E", N80 | 48203100 HOT-MIX ASPHALT SHOULDER | 40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING | 70034105 MATERIAL TRANSFER DEVICE | 48102100 AGGREGATE WEDGE SHOULDER, TYPE B | 64200116 SHOULDER RUMBLE STRIPS, 16 INCH | |
|--------------------------|---------------------------------|-----------------|---------------------|-------------------|-----------------------|--|--|--|--|--|---|---|---|--------------------------------------|--|--------------------------------------|--|---|-------|
| EB 174 | | | | | | | | | | | | | | | | | | | |
| STA 629+75 TO 632+35 | STAGE 1 STAGE 2 | 260 | | | | | | | | | | | | | | | | | 260 |
| STA 632+35 TO 632+95 | STAGE 1 STAGE 2 | 60 | 12 | 720 | | 80 | | | | | | | | | | | | | 60 |
| MAIN STREET | | | | | | | | | | | | | | | | | | | |
| STA 635+10 TO 635+50 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 527.4 | 58.6 | | | | | | | | 6.6 | | | | | 260 |
| STA 635+50 TO 642+20 | PRE-STAGE STAGE 1 STAGE 2 | 670 | 10 | 6720 | 6727.2 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 642+20 TO 642+60 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 400 | 44.4 | | | | | | | | 5.0 | | | | | 60 |
| RAILROAD BRIDGE | | | | | | | | | | | | | | | | | | | |
| STA 645+41 TO 645+81 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 400 | 44.4 | | | | | | | | 5.0 | | | | | 260 |
| STA 645+81 TO 700+10 | PRE-STAGE STAGE 1 STAGE 2 | 5429 | 10 | 54290 | 54317 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 700+10 TO 903+55 | PRE-STAGE STAGE 1 STAGE 2 | 20345 | 10 | 203450 | 20345 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 903+55 TO 903+95 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 400 | 44.4 | | | | | | | | 3.7 | | | | | 60 |
| MUD CREEK | | | | | | | | | | | | | | | | | | | |
| STA 906+18 TO 906+58 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 533 | 59.2 | | | | | | | | 6.6 | | | | | 260 |
| STA 906+58 TO 919+94.7 | PRE-STAGE STAGE 1 STAGE 2 | 1366.7 | 10 | 13667 | 13673.8 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 919+94.7 TO 925+26.8 | PRE-STAGE STAGE 1 STAGE 2 | 532.1 | 10 | 5321 | 5321 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 925+26.8 TO 971+00 | PRE-STAGE STAGE 1 STAGE 2 | 4573.2 | 10 | 45732 | 45732 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 971+00 TO 971+40 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 400 | 44.4 | | | | | | | | 3.7 | | | | | 60 |
| WB 174 | | | | | | | | | | | | | | | | | | | |
| STA 630+11.5 TO 632+50 | STAGE 1 STAGE 2 | 238.5 | | | | | | | | | | | | | | | | | 188.5 |
| STA 632+50 TO 633+10 | STAGE 1 STAGE 2 | 60 | 12 | 720 | | 80 | | | | | | | | | | | | | 238.5 |
| MAIN STREET | | | | | | | | | | | | | | | | | | | |
| STA 635+23 TO 635+63 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 541 | 60.1 | | | | | | | | 6.7 | | | | | 60 |
| STA 635+63 TO 642+74 | PRE-STAGE STAGE 1 STAGE 2 | 711 | 10 | 7110 | 7154 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 642+74 TO 643+14 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 400 | 44.4 | | | | | | | | 3.7 | | | | | 60 |
| RAILROAD BRIDGE | | | | | | | | | | | | | | | | | | | |
| STA 645+98 TO 646+38 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 400 | 44.4 | | | | | | | | 5.0 | | | | | 260 |
| STA 646+38 TO 700+10 | PRE-STAGE STAGE 1 STAGE 2 | 5372 | 10 | 53720 | 53764 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 700+10 TO 903+86 | PRE-STAGE STAGE 1 STAGE 2 | 20376 | 10 | 203760 | 204166 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 903+86 TO 904+26 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 400 | 44.4 | | | | | | | | 3.7 | | | | | 60 |
| MUD CREEK | | | | | | | | | | | | | | | | | | | |
| STA 906+48 TO 906+88 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 560 | 62.2 | | | | | | | | 7.0 | | | | | 260 |
| STA 906+88 TO 919+94.7 | PRE-STAGE STAGE 1 STAGE 2 | 1306.7 | 10 | 13067 | 13328 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 919+94.7 TO 925+26.8 | PRE-STAGE STAGE 1 STAGE 2 | 532.1 | 10 | 5321 | 5321 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 925+26.8 TO 971+00 | PRE-STAGE STAGE 1 STAGE 2 | 4573.2 | 10 | 45732 | 45732 | 57.8 | 44.4 | | | | | | | 3.7 | | | | | 60 |
| STA 971+00 TO 971+40 | PRE-STAGE STAGE 1 STAGE 2 | 40 | 10 | 520 | 400 | 44.4 | | | | | | | | 3.7 | | | | | 60 |
| I-74 MEDIAN | | | | | | | | | | | | | | | | | | | |
| STA 675+11 TO 676+00 | | | | | 2397 | | | | | | | | | | | | | | 29.8 |
| STA 830+84 TO 831+67 | | | | | 2157 | | | | | | | | | | | | | | 26.8 |
| URBAN SUBTOTAL | | | | | | | | | | | | | | | | | | | |
| RURAL SUBTOTAL | | | | | | | | | | | | | | | | | | | |
| TOTALS | | | | | | | | | | | | | | | | | | | |

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|------------|-------------------|
| USER NAME | = greenom |
| PLOT SCALE | = 100,0000' / in. |
| PLOT DATE | = 11/18/2021 |

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| DESIGNED | - |
| DRAWN | - |
| CHECKED | - |
| DATE | - |

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| REVISED | - |
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| REVISED | - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

| | | | | | |
|--------|---------|------|--------|------|---------|
| SCALE: | SHEET 1 | OF 5 | SHEETS | STA. | TO STA. |
|--------|---------|------|--------|------|---------|

SCHEDULE OF QUANTITIES

| | | | | |
|-------------|-------------------|----------|------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | 90[14R5-5;15R5-6] | TAZEWELL | 71 | 9 |
| | | ILLINOIS | FED. AID PROJECT | |

URBAN STA. 629+75 TO 700+10
 RURAL STA. 700+10 TO 971+40

| | |
|----------|---------|
| 48102100 | 2078 |
| 70034105 | 54331 |
| 40800050 | 57 |
| 48203100 | 14451 |
| 40605015 | 21844 |
| 40603200 | 12280 |
| 40600295 | 562573 |
| 44001198 | 1597 |
| 44000157 | 193618 |
| 44000165 | 15372 |
| 40600982 | 2678 |
| 40600151 | 62251 |
| 44000157 | 97291 |
| 44000165 | 193618 |
| 40600982 | 15748.6 |
| 40600151 | 82251 |
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| 44000157 | 97291 |
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| 40600982 | 15748.6 |
| 40600151 | 82251 |
| 44000157 | 97291 |
| 44000165 | 15372 |
| 40600982 | 2678 |
| 40600151 | |

URBAN STA. 632+35 TO 700+10
RURAL STA. 700+10 TO 971+40

| TEMPORARY AND SHORT TERM PAVEMENT MARKINGS | | | | | | | | | | | | | | | | | | | | | |
|--|--------|--------------|--------|--|---------|---|--------|----------------|---------|----------------|---------|-----------------|-------|--------------|-----------------------------|--------------|---------------|-------------------------------------|---------------|--|--|
| LOCATION | | | | 70300221 | | 70307120 | | | | | | 70300100 | | | 70300150 | | | | | | |
| | | | | TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT | | TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE | | | | | | | | | SHORT TERM PAVEMENT MARKING | | | SHORT TERM PAVEMENT MARKING REMOVAL | | | |
| | | | | STAGE 1 | | STAGE 1 | | STAGE 2 | | STAGE 3 | | STAGE 3 | | | STAGE 3 | | | | | | |
| | | | | FOOT | | FOOT | | | | | | | | | FOOT | | | SQ.FT | | | |
| SOLID WHITE | | SOLID YELLOW | | SOLID WHITE | | SOLID YELLOW | | SOLID WHITE | | SOLID YELLOW | | SKIP DASH WHITE | | INSIDE LANE | CENTERLINE | OUTSIDE LANE | STAGE 1 | STAGE 2 | STAGE 3 | | |
| EB I-74 | | | | | | | | | | | | | | | | | | | | | |
| STA | 632+35 | TO | 632+95 | 60.0 | 60.0 | | | 60.0 | 60.0 | 60.0 | 60.0 | 15.0 | | | | | | 120.0 | | | |
| STA | 632+95 | TO | 635+10 | | | 215.0 | 215.0 | 215.0 | 215.0 | 215.0 | 215.0 | 53.8 | | | | | 430.0 | 430.0 | | | |
| STA | 635+10 | TO | 635+50 | 40.0 | 40.0 | | | 40.0 | 40.0 | 40.0 | 40.0 | 10.0 | | | | | | 80.0 | | | |
| STA | 635+50 | TO | 642+20 | 670.0 | 670.0 | | | 670.0 | 670.0 | 670.0 | 670.0 | 167.5 | | | | | | 1340.0 | | | |
| STA | 642+20 | TO | 642+60 | 40.0 | 40.0 | | | 40.0 | 40.0 | 40.0 | 40.0 | 10.0 | | | | | | 80.0 | | | |
| STA | 642+60 | TO | 645+41 | | | 281.0 | 281.0 | 281.0 | 281.0 | 281.0 | 281.0 | 70.3 | | | | | 562.0 | 562.0 | | | |
| STA | 645+41 | TO | 645+81 | 40.0 | 40.0 | | | 40.0 | 40.0 | 40.0 | 40.0 | 10.0 | | | | | | 80.0 | | | |
| STA | 645+81 | TO | 700+10 | 5429.0 | 5429.0 | | | 5429.0 | 5429.0 | 5429.0 | 5429.0 | 1357.3 | | | | | | 10858.0 | | | |
| STA | 700+10 | TO | 903+55 | 20345.0 | 20345.0 | | | 20345.0 | 20345.0 | 10178.0 | 10178.0 | 2544.5 | 407.1 | 925.3 | 407.1 | | | 40690.0 | 1739.5 | | |
| STA | 903+55 | TO | 903+95 | 40.0 | 40.0 | | | 40.0 | 40.0 | | | | 1.6 | 3.6 | 1.6 | | | 80.0 | 6.8 | | |
| STA | 903+95 | TO | 906+18 | | | 223.0 | 223.0 | 223.0 | 223.0 | | | | 8.9 | 20.3 | 8.9 | | 446.0 | 446.0 | 38.1 | | |
| STA | 906+18 | TO | 906+58 | 40.0 | 40.0 | | | 40.0 | 40.0 | | | | 1.6 | 3.6 | 1.6 | | | 80.0 | 6.8 | | |
| STA | 906+58 | TO | 971+00 | 6402.0 | 6402.0 | | | 6402.0 | 6402.0 | | | | 256.1 | 582.0 | 256.1 | | | 12804.0 | 1094.2 | | |
| STA | 971+00 | TO | 971+40 | 40.0 | 40.0 | | | 40.0 | 40.0 | | | | 1.6 | 3.6 | 1.6 | | | 80.0 | 6.8 | | |
| Tapers | | | | | | 3000.0 | 3000.0 | 3000.0 | 3000.0 | | | | | | | | | | | | |
| EB TOTAL | | | | 66292.0 | | 81168.0 | | 16953.0 | | 16953.0 | | 4238.3 | | 2892.3 | | | 1438.0 | 67730.0 | 2892.3 | | |
| WB I-74 | | | | | | | | | | | | | | | | | | | | | |
| STA | 632+50 | TO | 633+10 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | | | | 2.4 | 5.5 | 2.4 | | 120.0 | 120.0 | 10.3 | | |
| STA | 633+10 | TO | 635+23 | | | 213.0 | 213.0 | 213.0 | 213.0 | | | | 8.5 | 19.4 | 8.5 | | 426.0 | 426.0 | 36.4 | | |
| STA | 635+23 | TO | 635+63 | 40.0 | 40.0 | | | 40.0 | 40.0 | | | | 1.6 | 3.6 | 1.6 | | 80.0 | 80.0 | 6.8 | | |
| STA | 635+63 | TO | 642+74 | 711.0 | 711.0 | | | 711.0 | 711.0 | | | | 28.4 | 64.6 | 28.4 | | 1422.0 | 1422.0 | 121.5 | | |
| STA | 642+74 | TO | 643+14 | 40.0 | 40.0 | | | 40.0 | 40.0 | | | | 1.6 | 3.6 | 1.6 | | 80.0 | 80.0 | 6.8 | | |
| STA | 643+14 | TO | 645+98 | | | 284.0 | 284.0 | 284.0 | 284.0 | | | | 11.4 | 25.8 | 11.4 | | 568.0 | 568.0 | 48.5 | | |
| STA | 645+98 | TO | 646+38 | 40.0 | 40.0 | | | 40.0 | 40.0 | | | | 1.6 | 3.6 | 1.6 | | 80.0 | 80.0 | 6.8 | | |
| STA | 646+38 | TO | 700+10 | 5372.0 | 5372.0 | | | 5372.0 | 5372.0 | | | | 214.9 | 488.4 | 214.9 | | 10744.0 | 10744.0 | 918.1 | | |
| STA | 700+10 | TO | 903+86 | 20376.0 | 20376.0 | | | 20376.0 | 20376.0 | 10198.0 | 10198.0 | 2549.5 | 407.9 | 927.1 | 407.9 | | 40752.0 | 40752.0 | 1742.9 | | |
| STA | 903+86 | TO | 904+26 | 40.0 | 40.0 | | | 40.0 | 40.0 | 40.0 | 40.0 | 10.0 | | | | | 80.0 | 80.0 | | | |
| STA | 904+26 | TO | 906+48 | | | 222.0 | 222.0 | 222.0 | 222.0 | 222.0 | 222.0 | 55.5 | | | | | 444.0 | 444.0 | | | |
| STA | 906+48 | TO | 906+88 | 40.0 | 40.0 | | | 40.0 | 40.0 | 40.0 | 40.0 | 10.0 | | | | | 80.0 | 80.0 | | | |
| STA | 906+88 | TO | 971+00 | 6412.0 | 6412.0 | | | 6412.0 | 6412.0 | 6412.0 | 6412.0 | 1603.0 | | | | | 12824.0 | 12824.0 | | | |
| STA | 971+00 | TO | 971+40 | 40.0 | 40.0 | | | 40.0 | 40.0 | 40.0 | 40.0 | 10.0 | | | | | 80.0 | 80.0 | | | |
| Tapers | | | | | | 3000.0 | 3000.0 | 3000.0 | 3000.0 | | | | | | | | | | | | |
| WB TOTAL | | | | 66342.0 | | 81338.0 | | 16952.0 | | 16952.0 | | 4238.0 | | 2898.3 | | | 1558.0 | 67780.0 | 2898.3 | | |
| URBAN SUBTOTAL | | | | 25084.0 | | 29176.0 | | 6775.0 | | 6775.0 | | 1693.8 | | 1155.3 | | | | 30331.3 | | | |
| RURAL SUBTOTAL | | | | 107550.0 | | 133330.0 | | 27130.0 | | 27130.0 | | 6782.5 | | 4635.2 | | | | 113965.2 | | | |
| TOTAL | | | | 132,634 | | 238,792 | | 238,792 | | 238,792 | | 5,790 | | 5,790 | | | 144297 | 144297 | 144297 | | |

| EARTH EXCAVATION | |
|------------------------------|------------|
| 20200100 | |
| LOCATION | CU YD |
| STA. 646+06.4 TO 654+56.3 LT | 16.5 |
| STA. 654+56.3 TO 655+06.3 LT | 5.0 |
| STA. 645+20.9 TO 651+33.3 RT | 23.2 |
| STA. 651+33.3 TO 651+45.8 RT | 1.2 |
| STA. 687+00.1 TO 687+39.4 RT | 3.9 |
| STA. 687+39.4 TO 687+51.9 RT | 1.2 |
| STA 716+70 | 12.3 |
| STA. 757+77.7 TO 758+27.7 RT | 5.0 |
| STA. 758+27.7 TO 764+65.2 RT | 30.0 |
| STA. 765+29.6 TO 765+69.0 RT | 3.9 |
| STA. 765+69.0 TO 765+81.5 RT | 1.2 |
| STA. 906+09.4 TO 907+96.9 RT | 8.1 |
| STA. 907+96.9 TO 908+09.4 RT | 1.2 |
| URBAN SUBTOTAL | 51 |
| RURAL SUBTOTAL | 62 |
| TOTAL | 113 |

NOTE: EARTH EX IS 4' X 8" EVERYWHERE
GUARDRAIL IS INSTALLED IN AREAS WHERE
THERE WAS NO EXISTING GUARDRAIL.

| MOBILIZATION | |
|--------------|----------|
| 67100100 | |
| MOBILIZATION | |
| LOCATION | L SUM |
| JOBSITE | 1 |
| TOTAL | 1 |

| FIELD OFFICE | |
|---------------------------------|----------|
| 67000400 | |
| ENGINEER'S FIELD OFFICE, TYPE A | |
| LOCATION | CAL MO |
| JOBSITE | 6 |
| TOTAL | 6 |

MODEL: Default
FILE NAME: p:\mudect-pw-bentley.com\p\m\DOT\Documents\DOT Office\District 4\Projects\11_CAD\Drawings\68F11_S00 and Schedule.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/22/2021 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 10 |
| 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

URBAN STA. 632+35 TO 700+10
RURAL STA. 700+10 TO 971+40

| PAVEMENT MARKINGS | | | | | | | | | | |
|-------------------|--------|----|--------|--|--------------|--|---|---|---|-----------------------------------|
| LOCATION | | | | 78004620 | | 78004630 | 78011025 | 78011035 | 78300200 | 78100100 |
| | | | | PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4" | | PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6" | GROOVING FOR RECESSED PAVEMENT MARKING 5" | GROOVING FOR RECESSED PAVEMENT MARKING 7" | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | RAISED REFLECTIVE PAVEMENT MARKER |
| | | | | FOOT | | FOOT | FOOT | FOOT | EACH | EACH |
| | | | | SOLID WHITE | SOLID YELLOW | SKIP DASH WHITE | | | | |
| EB I-74 | | | | | | | | | | |
| STA | 632+35 | TO | 632+95 | 60.0 | 60.0 | 15.0 | 120.0 | 15.0 | 85 | 85 |
| STA | 632+95 | TO | 635+10 | 215.0 | 215.0 | 53.8 | 430.0 | 53.8 | | |
| STA | 635+10 | TO | 635+50 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 635+50 | TO | 642+20 | 670.0 | 670.0 | 167.5 | 1340.0 | 167.5 | | |
| STA | 642+20 | TO | 642+60 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 642+60 | TO | 645+41 | 281.0 | 281.0 | 70.3 | 562.0 | 70.3 | | |
| STA | 645+41 | TO | 645+81 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 645+81 | TO | 700+10 | 5429.0 | 5429.0 | 1357.3 | 10858.0 | 1357.3 | | |
| STA | 700+10 | TO | 903+55 | 20345.0 | 20345.0 | 5086.3 | 40690.0 | 5086.3 | | |
| STA | 903+55 | TO | 903+95 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 903+95 | TO | 906+18 | 223.0 | 223.0 | 55.8 | 446.0 | 55.8 | 339 | 339 |
| STA | 906+18 | TO | 906+58 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 906+58 | TO | 971+00 | 6402.0 | 6402.0 | 1600.5 | 12804.0 | 1600.5 | | |
| STA | 971+00 | TO | 971+40 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| Tapers | | | | | | | | | | |
| EB TOTAL | | | | 67730.0 | | 8466.3 | 67730.0 | 8466.3 | 424 | 424 |
| WB I-74 | | | | | | | | | | |
| STA | 632+50 | TO | 633+10 | 60.0 | 60.0 | 15.0 | 120.0 | 15.0 | 85 | 85 |
| STA | 633+10 | TO | 635+23 | 213.0 | 213.0 | 53.3 | 426.0 | 53.3 | | |
| STA | 635+23 | TO | 635+63 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 635+63 | TO | 642+74 | 711.0 | 711.0 | 177.8 | 1422.0 | 177.8 | | |
| STA | 642+74 | TO | 643+14 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 643+14 | TO | 645+98 | 284.0 | 284.0 | 71.0 | 568.0 | 71.0 | | |
| STA | 645+98 | TO | 646+38 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 646+38 | TO | 700+10 | 5372.0 | 5372.0 | 1343.0 | 10744.0 | 1343.0 | | |
| STA | 700+10 | TO | 903+86 | 20376.0 | 20376.0 | 5094.0 | 40752.0 | 5094.0 | | |
| STA | 903+86 | TO | 904+26 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 904+26 | TO | 906+48 | 222.0 | 222.0 | 55.5 | 444.0 | 55.5 | 339 | 339 |
| STA | 906+48 | TO | 906+88 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| STA | 906+88 | TO | 971+00 | 6412.0 | 6412.0 | 1603.0 | 12824.0 | 1603.0 | | |
| STA | 971+00 | TO | 971+40 | 40.0 | 40.0 | 10.0 | 80.0 | 10.0 | | |
| Tapers | | | | | | | | | | |
| WB TOTAL | | | | 67780.0 | | 8472.5 | 67780.0 | 8472.5 | 424 | 424 |
| URBAN SUBTOTAL | | | | 27070.0 | | 3383.8 | 27070.0 | 3383.8 | 169 | 169 |
| RURAL SUBTOTAL | | | | 108440.0 | | 13555.0 | 108440.0 | 13555.0 | 678 | 678 |
| TOTAL | | | | 135,510 | | 16,939 | 135,510 | 16,939 | 847 | 847 |

| CONSTRUCTION LAYOUT | |
|---------------------|----------|
| Z0013798 | |
| CONSTRUCTION LAYOUT | |
| LOCATION | L SUM |
| JOBSITE | 1 |
| TOTAL | 1 |

| GUARDRAIL SCHEDULE | | | | | | | | | | | |
|------------------------------|--|--|----------------------------------|----------------------------------|-----------------------------------|---|------------------------------|----------------------------------|-------------------------------------|-------------------|---|
| LOCATION | 63000001 | 63100167 | 63100045 | 63100085 | 63100089 | 63000350 | 78200005 | 72501000 | 20001002 | 63200310 | 63302700 |
| | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | TRAFFIC BARRIER TERMINAL, TYPE 2 | TRAFFIC BARRIER TERMINAL, TYPE 6 | TRAFFIC BARRIER TERMINAL, TYPE 6B | LONG-SPAN GUARDRAIL OVER CULVERT, 12FT 6IN SPAN | GUARDRAIL REFLECTORS, TYPE A | TERMINAL MARKER - DIRECT APPLIED | GUARDRAIL AGGREGATE EROSION CONTROL | GUARDRAIL REMOVAL | REMOVE AND REERECT TRAFFIC BARRIER TERMINAL S, TYPE 6 |
| | FOOT | EACH | EACH | EACH | EACH | FOOT | EACH | EACH | TON | FOOT | EACH |
| WB I-74 | | | | | | | | | | | |
| STA. 634+94.3 TO 635+31.2 LT | | | | 1 | | | | | 1.9 | | |
| STA. 635+31.2 TO 643+28.1 LT | 800 | | | | | | 5 | | 40.8 | 866 | |
| STA. 643+28.1 TO 643+67.5 LT | | | | 1 | | | | | 1.9 | | |
| STA. 645+67.0 TO 646+06.4 LT | | | | 1 | | | | | 1.9 | 719 | |
| STA. 646+06.4 TO 654+56.3 LT | 850 | | | | | | 5 | | 68.6 | | |
| STA. 654+56.3 TO 655+06.3 LT | | 1 | | | | | | 1 | 10.2 | | |
| STA. 686+91.9 TO 687+43.8 LT | | | | | 1 | | | | 1.9 | | |
| STA. 687+43.8 TO 689+56.3 LT | 212.5 | | | | | | 4 | | 10.8 | 361 | |
| STA. 689+56.3 TO 690+06.3 LT | | 1 | | | | | | 1 | 2.6 | | |
| STA. 690+06.3 TO 690+67.6 LT | | | | | | | | | | | |
| STA. 765+17.1 TO 765+69.0 LT | | | | | 1 | | | | 1.9 | | |
| STA. 765+69.0 TO 768+19.0 LT | 250 | | | | | | 4 | | 12.8 | 371 | |
| STA. 768+19.0 TO 768+69.0 LT | | 1 | | | | | | 1 | 2.6 | | |
| STA. 768+69.0 TO 769+02.7 LT | | | | | | | | | | | |
| STA. 902+80.6 TO 902+93.1 LT | | | | 1 | | | | | 0.6 | | |
| STA. 903+93.1 TO 904+30.6 LT | 37.5 | | | | | | 4 | | 1.9 | 157 | |
| STA. 904+30.6 TO 904+70.0 LT | | | | 1 | | | | | 1.9 | | |
| STA. 906+19.5 TO 906+58.9 LT | | | | 1 | | | | | 1.9 | | |
| STA. 906+58.9 TO 909+46.4 LT | 287.5 | | | | | | 4 | | 14.7 | 424.3 | |
| STA. 909+46.4 TO 909+96.4 LT | | 1 | | | | | | 1 | 2.6 | | |
| STA. 909+96.4 TO 910+47.1 LT | | | | | | | | | | | |
| STA. 906+04.3 TO 906+43.7 LT | | | | 1 | | | | | 1.9 | | |
| STA. 906+43.7 TO 909+06.1 LT | 262.5 | | | | | | 4 | | 13.4 | 350 | |
| STA. 909+06.1 TO 909+56.1 LT | | 1 | | | | | | 1 | 2.6 | | |
| STA. 922+57.7 TO 923+09.6 LT | | | | | 1 | | | | 1.9 | | |
| STA. 923+09.6 TO 923+34.6 LT | 25 | | | | | | 4 | | 1.3 | | |
| STA. 923+34.6 TO 923+72.1 LT | | | | | | 37.5 | | | 1.9 | | |
| STA. 923+72.1 TO 925+34.6 LT | 162.5 | | | | | | | | 8.3 | | |
| STA. 925+34.6 TO 925+84.6 LT | | 1 | | | | | | 1 | 2.6 | | |
| STA. 925+84.6 TO 926+52.4 LT | | | | | | | | | | | |
| EB I-74 | | | | | | | | | | | |
| STA. 634+69.4 TO 635+06.3 RT | | | | 1 | | | | | 1.9 | | |
| STA. 635+06.3 TO 642+42.6 RT | 737.5 | | | | | | 5 | | 37.6 | 807 | |
| STA. 642+42.6 TO 642+82.0 RT | | | | 1 | | | | | 1.9 | | |
| STA. 644+81.5 TO 645+20.9 RT | | | | 1 | | | | | 1.9 | 418 | |
| STA. 645+20.9 TO 651+33.3 RT | 612.5 | | | | | | 4 | | 66.7 | | |
| STA. 651+33.3 TO 651+45.8 RT | | | | 1 | | | | | 2.5 | | |
| STA. 683+11.4 TO 683+72.5 RT | | | | | | | | | | | |
| STA. 683+73.2 TO 684+23.2 RT | | | | 1 | | | | 1 | 2.6 | 361 | |
| STA. 684+23.2 TO 686+35.7 RT | 212.5 | | | | | | | | 10.8 | | |
| STA. 686+35.7 TO 686+87.6 RT | | | | | | 1 | | | 2.6 | | |
| STA. 687+00.1 TO 687+39.4 RT | | | | | 1 | | | | 7.5 | | |
| STA. 687+39.4 TO 687+51.9 RT | | | | | 1 | | | | 2.5 | | |
| STA. 757+77.7 TO 758+27.7 RT | | | | 1 | | | | | 10.2 | | |
| STA. 758+27.7 TO 764+65.2 RT | 637.5 | | | | | | | | 78.5 | 366 | |
| STA. 764+65.2 TO 765+17.1 RT | | | | | | 1 | | | 1.9 | | |
| STA. 765+17.1 TO 765+69.0 RT | | | | 1 | | | | | 7.5 | | |
| STA. 765+69.0 TO 765+81.5 RT | | | | 1 | | | | | 2.5 | | |
| STA. 899+43.6 TO 899+93.6 RT | | | | 1 | | 0 | | | 1 | 2.6 | |
| STA. 899+93.6 TO 903+81.1 RT | 387.5 | | | | | | 4 | | 19.8 | 458.2 | |
| STA. 903+81.1 TO 904+20.5 RT | | | | 1 | | | | | 1.9 | | 1 |
| STA. 905+70.0 TO 906+09.4 RT | | | | 1 | | | | | 1.9 | 145 | |
| STA. 906+09.4 TO 907+96.9 RT | 187.5 | | | | | | 4 | | 22.0 | | |
| STA. 907+96.9 TO 908+09.4 RT | | | | | 1 | | | | 2.5 | | |
| STA. 918+87.8 TO 919+36.8 RT | | | | | | | | | | | |
| STA. 919+36.8 TO 919+86.8 RT | | | | 1 | | | | 1 | 2.6 | 361 | |
| STA. 919+86.8 TO 922+11.8 RT | 225 | | | | | | 4 | | 11.5 | | |
| STA. 922+11.8 TO 922+63.7 RT | | | | | | 1 | | | 1.9 | | |
| URBAN SUBTOTAL | 3425 | 3 | 2 | 7 | 2 | 0 | 27 | 3 | 279.0 | 3532 | 0 |
| RURAL SUBTOTAL | 2462.5 | 7 | 3 | 6 | 4 | 37.5 | 36 | 7 | 241.7 | 3011.5 | 1 |
| TOTAL | 5887.5 | 10 | 5 | 13 | 6 | 37.5 | 63 | 10 | 521 | 6544 | 1 |

NOTE: FOR GUARDRAIL AGG. EROSION CONTROL, THE QUANTITY CALCULATIONS ASSUMED A CROSS SECTIONAL AREA OF 4' WIDTH BY 2" DEPTH, EXCEPT WHERE NEW GUARDRAIL INSTALLATION (USE 8" DEPTH) AND 2.05 TONS/CY. GEOTEXTILE FABRIC ONLY NEEDED IN AREAS OF 8" AGG. DEPTH.

MODEL: Default
FILE NAME: p:\projects\paw_bentley.com\p\p\DOT\Documents\DOT Office\District 4\Projects\04_68F11\CADD\paw\paw_bentley.com\p\p\DOT\Documents\DOT Office\District 4\Projects\04_68F11_S00_and_Schedule.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| DRAWN - | REVISED - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/22/2021 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 11 |
| ILLINOIS FED. AID PROJECT | | | | |

DRAINAGE SCHEDULE

| LOCATION | 54213669 | 54261366 | X5428848 | 542A0271 | 60920024 | X0326662 | X6061005 | 54260315 | X0326663 | X0327233 | 28100203 | 28100225 | X2810226 | 28100207 | 28100807 | 28200200 | X0326763 | X0322936 | X0322584 | 50102400 | X5010523 | 54248510 | 50800105 | 60500305 | Z0023600 | X6026108 | X5930100 | 28000500 | 21101615 | 21400100 | 20400800 | | |
|----------------|--|---|--|-------------------------------------|---------------------------------|--------------------------------|---------------------------------|---|--------------------------------|--------------------------------|------------------------|------------------------|----------------------------------|------------------------|-------------------------------|---------------|----------------|------------------------------------|----------------------|------------------|-----------------------------|-----------------|-------------|----------------|---------------------------|--|---|---------------------------|-------------------------------|-----------------------------|----------------------|----|--|
| | PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 24" | CONCRETE END SECTION, STD. 542001, 66", 1:3 | CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48" | PIPE CULVERTS, CLASS A, TYPE 1, 66" | PIPE CULVERTS TO BE CLEANED 24" | CURED-IN-PLACE PIPE LINER, 24" | CONCRETE CURB, TYPE B (SPECIAL) | TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION | CURED-IN-PLACE PIPE LINER, 30" | CURED-IN-PLACE PIPE LINER, 48" | STONE RIPRAP, CLASS A2 | STONE RIPRAP, CLASS B3 | STONE RIPRAP, CLASS B3 (SPECIAL) | STONE RIPRAP, CLASS A4 | STONE DUMPED RIPRAP, CLASS A4 | FILTER FABRIC | REMOVE GRATING | REMOVE EXISTING FLARED END SECTION | REVTMENT MAT REMOVAL | CONCRETE REMOVAL | REMOVE CONCRETE END SECTION | CONCRETE COLLAR | REINF. BARS | FILLING INLETS | FILLING EXISTING CULVERTS | INLETS TO BE RECONSTRUCTED WITH NEW FRAME AND GRATE, SPECIAL | CONTROLLED LOW-STRENGTH MATERIAL, SPECIAL | INLET AND PIPE PROTECTION | TOPSOIL FURNISH AND PLACE, 4" | GRADING AND SHAPING DITCHES | FURNISHED EXCAVATION | | |
| | EACH | EACH | EACH | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | TON | TON | TON | TON | TON | SQ YD | EACH | EACH | SQ YD | CU YD | EACH | CU YD | POUNDS | EACH | EACH | EACH | CU YD | EACH | SQ YD | FOOT | CU YD | | |
| STA 652+38 LT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 665+18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 677+00 LT. | | | | | | | | | | | | 3.3 | | | | 3.3 | | | | | | | | | | | | | | | | | |
| STA 686+50 LT. | | | | | | | | | | | 6.7 | | | | | | | | | | | | | | | | | | | | | | |
| STA 686+75 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 687+00 LT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 687+46 RT. | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 698+50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 698+50 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 710+50 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 716+70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 717+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 727+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 747+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 754+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 756+00 LT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 756+30 RT. | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 764+60 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 765+73 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 792+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 804+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 812+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 830+20 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 830+65 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 866+00 LT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 876+00 LT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 879+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 879+07 LT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 886+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 904+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 904+18 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 906+06 LT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 906+22 LT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 915+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 934+00 LT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 943+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STA 954+00 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| URBAN SUBTOTAL | 1 | 0 | 0 | 0 | 0 | 102 | 0 | 0 | 96 | 0 | 7 | 8 | 0 | 0 | 0 | 18 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| RURAL SUBTOTAL | 1 | 2 | 1 | 2 | 148 | 0 | 60 | 193 | 0 | 97 | 6 | 73 | 504 | 45 | 14 | 307 | 0 | 1 | 113 | 1 | 2 | 10 | 526 | 0 | 0 | 0 | 2 | 1 | 111 | 270 | 40 | 40 | |
| TOTAL | 2 | 2 | 1 | 2 | 148 | 102 | 60 | 193 | 96 | 97 | 13 | 81 | 504 | 45 | 14 | 325 | 2 | 2 | 113 | 1 | 2 | 10 | 526 | 1 | 1 | 1 | 2 | 1 | 111 | 270 | 40 | 40 | |

| ACCESS CONTROL | |
|-----------------------|------------|
| 66500105 | |
| WOVEN WIRE FENCE, 4' | |
| LOCATION | FOOT |
| STA 856+00 RT. | 170 |
| STA 874+00 RT. | 115 |
| STA 884+00 LT. | 120 |
| STA 889+00 LT. | 390 |
| STA 924+00 LT. | 60 |
| STA 926+50 LT. | 30 |
| RURAL SUBTOTAL | 885 |
| TOTAL | 885 |

| IMPACT ATTENUATORS | | |
|-----------------------|---------------------------------------|--|
| LOCATION | X6430120 | 64300450 |
| | REMOVE IMPACT ATTENUATORS, NO SALVAGE | IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3 |
| | EACH | EACH |
| STA 686+45 | 1 | 1 |
| STA 687+25 | 1 | 1 |
| STA 764+75 | 1 | 1 |
| URBAN SUBTOTAL | 2 | 2 |
| RURAL SUBTOTAL | 1 | 1 |
| TOTALS | 3 | 3 |

| MOWING | |
|----------------------------|-------------|
| 25000750 | |
| LOCATION | ACRE |
| MEDIAN - URBAN | 14.4 |
| MEDIAN - RURAL | 61.7 |
| OUTSIDE FORESLOPES - URBAN | 8.6 |
| OUTSIDE FORESLOPES - RURAL | 37.0 |
| URBAN SUBTOTAL | 23.1 |
| RURAL SUBTOTAL | 98.7 |
| TOTAL | 122 |

| RECOVERABLE DELINEATOR | |
|------------------------|------------|
| X2600002 | |
| LOCATION | EACH |
| EB - URBAN | 17 |
| EB - RURAL | 68 |
| WB - URBAN | 17 |
| WB - RURAL | 68 |
| URBAN SUBTOTAL | 34 |
| RURAL SUBTOTAL | 136 |
| TOTAL | 170 |

NOTE: FILL IN GAPS AT EXISTING FENCE.

URBAN STA. 632+35 TO 700+10
RURAL STA. 700+10 TO 971+40

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

| | | | | | | | |
|------------------------------|------------|-----------|-------------|-------------------|---------------------------|--------------|--------------|
| USER NAME = greenom | DESIGNED - | REVISED - | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - | 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 12 |
| PLOT DATE = 10/21/2021 | CHECKED - | REVISED - | SCALE: | | SHEET 3 OF 5 SHEETS | | STA. TO STA. |
| | DATE - | REVISED - | | | ILLINOIS FED. AID PROJECT | | |

MODEL: Default
FILE NAME: p:\project\aw_benefits.com\PIVDOT\Documents\DOT Office\District_4\Projects\04_68F11\CAD\Drawings\68F11_S00_and_Schedule.dgn

URBAN STA. 632+35 TO 700+10
RURAL STA. 700+10 TO 971+40

| FULL DEPTH PATCHING | | | | | | | | | | | | | | | |
|-------------------------------------|--------|-------|------|--|------|--------------|--------------|---|--------------|--------------|--------------|--|--------------|--------------|--------------|
| LOCATION | LENGTH | WIDTH | AREA | 44201815 - CLASS D PATCHES, TYPE II, 14" | | | | 44201819 - CLASS D PATCHES, TYPE III, 14" | | | | 44201821 - CLASS D PATCHES, TYPE IV, 14" | | | |
| | | | | PASSING LANE | | DRIVING LANE | | PASSING LANE | | DRIVING LANE | | PASSING LANE | | DRIVING LANE | |
| | | | | FT | FT | SQ YD | # OF PATCHES | SQ YD | # OF PATCHES | SQ YD | # OF PATCHES | SQ YD | # OF PATCHES | SQ YD | # OF PATCHES |
| EB I-74 | | | | | | | | | | | | | | | |
| West End and Tennessee St. | 6 | 12 | 8 | 1 | 8.0 | 1 | 8.0 | | | | | | | | |
| | 15 | 6 | 10 | 0 | 0.0 | 1 | 10.0 | | | | | | | | |
| Tennessee St. to Washington Rd. | 10 | 12 | 13 | 2 | 26.7 | 2 | 26.7 | | | | | | | | |
| | 8 | 12 | 11 | 1 | 10.7 | 1 | 10.7 | | | | | | | | |
| Washington Rd. to Median Turnaround | 6 | 12 | 8 | 2 | 16.0 | 1 | 8.0 | | | | | | | | |
| | 6 | 12 | 8 | 1 | 8.0 | 3 | 24.0 | | | | | | | | |
| | 30 | 12 | 40 | | | | | | | | | 0 | 0 | 1 | 40.0 |
| | 20 | 6 | 13 | 1 | 13.3 | 0 | 0.0 | | | | | | | | |
| Median Turnaround to East End | 8 | 12 | 11 | 1 | 10.7 | 1 | 10.7 | | | | | | | | |
| | 10 | 12 | 13 | 2 | 26.7 | 2 | 26.7 | | | | | | | | |
| | 15 | 12 | 20 | | | | | 1 | 20.0 | 1 | 20.0 | | | | |
| WBI-74 | | | | | | | | | | | | | | | |
| East End to Median Turnaround | 8 | 12 | 11 | 2 | 21.3 | 2 | 21.3 | | | | | | | | |
| | 12 | 12 | 16 | | | | | 0 | 0.0 | 1 | 16.0 | | | | |
| | 6 | 12 | 8 | 4 | 32.0 | 3 | 24.0 | | | | | | | | |
| | 10 | 12 | 13 | 0 | 0.0 | 2 | 26.7 | | | | | | | | |
| Turnaround to Washington Rd. | 80 | 12 | 107 | | | | | | | | | 0 | 0.0 | 1 | 107 |
| | 8 | 12 | 11 | 1 | 10.7 | 1 | 10.7 | | | | | | | | |
| Washington Rd. to Tennessee St. | 100 | 12 | 133 | | | | | | | | | 1 | 133.3 | 0 | 0 |
| | 8 | 12 | 11 | 2 | 21.3 | 1 | 10.7 | | | | | | | | |
| Tennessee to West End | 6 | 12 | 8 | 0 | 0.0 | 1 | 8.0 | | | | | | | | |
| | 8 | 12 | 11 | 1 | 10.7 | 1 | 10.7 | | | | | | | | |
| SUBTOTAL | | | | 248 | | 269 | | 20 | | 36 | | 133 | | 147 | |
| Winter Breakup 15% | | | | 37 | | 40 | | 3 | | 5 | | 20 | | 22 | |
| URBAN SUBTOTAL | | | | 54 | | 54 | | 0 | | 0 | | 0 | | 0 | |
| RURAL SUBTOTAL | | | | 540 | | 540 | | 64 | | 64 | | 322 | | 322 | |
| TOTAL | | | | 594 | | 594 | | 64 | | 64 | | 322 | | 322 | |

NOTE: TOP OF PATCHES SHALL BE LEFT DOWN 3" FROM TOP OF EXISTING PAVEMENT

| TRAFFIC CONTROL SCHEDULE | | | | |
|--------------------------|---|--|------------------------------|-------------------------|
| LOCATION | 70100800 | 70100420 | 70103815 | 70107025 |
| | TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 | TRAFFIC CONTROL AND PROTECTIONS, STANDARD 701411 | TRAFFIC CONTROL SURVEILLANCE | CHANGEABLE MESSAGE SIGN |
| IL 74 | L SUM | EACH | CAL DA | CAL DA |
| JOBSITE | 1 | 1 | 14 | 42 |
| TOTALS | 1 | 1 | 14 | 42 |

NOTE: CHANGEABLE MESSAGE SIGN IS 2 SIGNS, 21 DAYS PER SIGN.

| CLEANING UNDERDRAIN OUTLETS | | | | |
|-----------------------------|--------|----|--------|-----------|
| X0320157 | | | | |
| CLEANING UNDERDRAIN OUTLETS | | | | |
| LOCATION | | | | EACH |
| STA | 632+35 | TO | 700+10 | 15 |
| STA | 700+10 | TO | 971+40 | 74 |
| URBAN SUBTOTAL | | | | 15 |
| RURAL SUBTOTAL | | | | 74 |
| TOTAL | | | | 89 |

| TREE REMOVAL | | |
|-----------------------|---------------------------------------|---------------------------------------|
| LOCATION | 20100110 | 20100210 |
| | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | TREE REMOVAL (OVER 15 UNITS DIAMETER) |
| | UNIT | UNIT |
| EB I-74 | | |
| STA 707+00 RT. | 13 | 20 |
| | 15 | |
| STA 711+00 RT. | 13.5 | 19 |
| STA 711+50 RT. | 14 | 15.5 |
| STA 711+90 RT. | | 26 |
| STA 717+55 RT. | 14.5 | |
| STA 719+00 RT. | 7.5 | |
| STA 720+00 RT. | 10 | |
| STA 743+23 RT. | 12 | |
| | 8 | |
| | 7 | |
| | 6 | |
| STA 754+00 RT. | 7 | |
| | 12 | |
| STA 754+30 RT. | 10 | 35 |
| | | 48 |
| WBI-74 | | |
| STA 664+90 LT. | | 24 |
| STA 672+05 LT. | | 24 |
| STA 748+40 LT. | 9 | |
| | 7 | |
| STA 752+95 LT. | | 23 |
| STA 778+80 LT. | | 24 |
| STA 826+10 LT. | 6 | |
| | 8 | |
| STA 902+15 LT. | | 20 |
| STA 907+80 LT. | 8 | |
| | 8 | |
| | 6 | |
| | 10 | |
| | 8 | |
| STA 908+50 LT. | 8 | |
| | 8 | |
| | 8 | |
| STA 909+25 LT. | 10 | 20 |
| STA 909+95 LT. | 13 | |
| URBAN SUBTOTAL | 0 | 48 |
| RURAL SUBTOTAL | 258.5 | 250.5 |
| TOTAL | 258.5 | 298.5 |

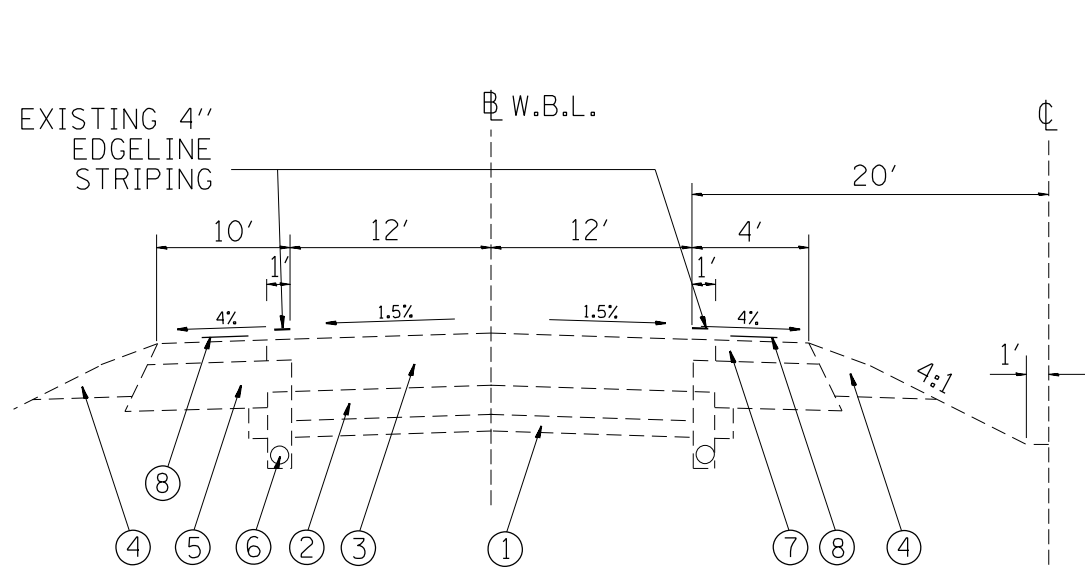
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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/22/2021 | DATE - | REVISED - |

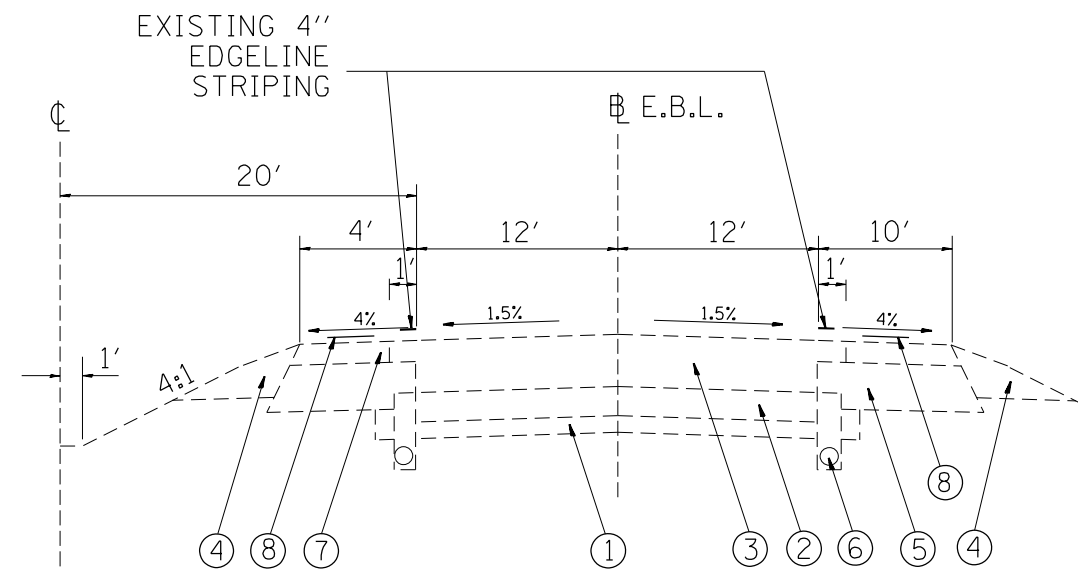
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| SCHEDULE OF QUANTITIES | | | |
|------------------------|---------|------|---------------------|
| SCALE: | SHEET 5 | OF 5 | SHEETS STA. TO STA. |

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 13 |
| 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



WESTBOUND STA. 635+23.00 TO STA. 654+86.77



EASTBOUND STA. 635+10.00 TO STA. 654+86.77

TYPICAL SECTION 1

LEGEND

- ① EXIST. SUB-BASE GRAN. MATERIAL 6"
- ② EXIST. P.C.C. PAVEMENT, 10"
- ③ EXIST. OVERLAY 7 1/4" AVG. THICKNESS
- ④ EXIST. AGGREGATE SHOULDER
- ⑤ EXIST. BIT. SHOULDER
- ⑥ EXIST. PIPE UNDERDRAIN 4"
- ⑦ EXIST. HMA SHOULDER 1 3/4"
- ⑧ EXIST. RUMBLE STRIPS

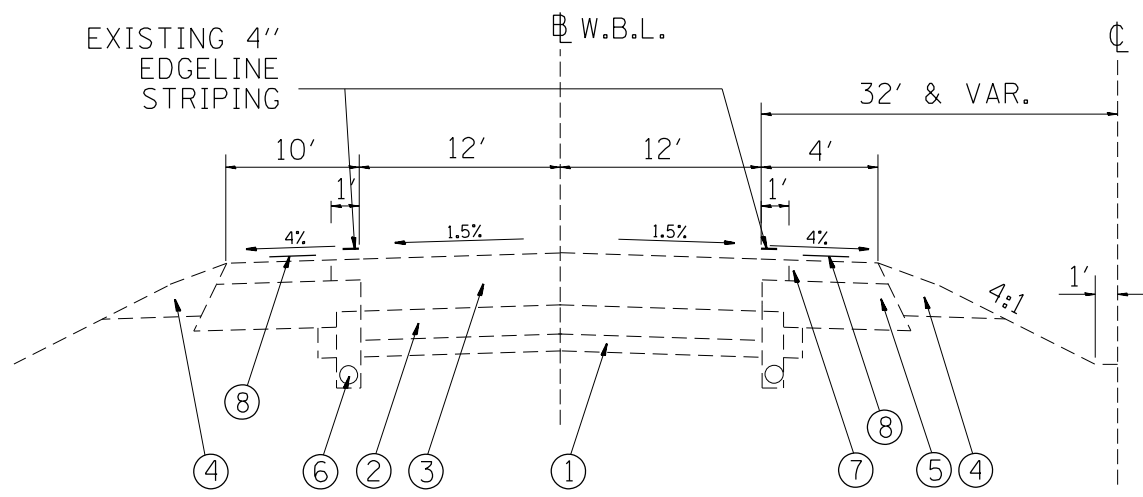
NOTE:

BRIDGE OMISSIONS

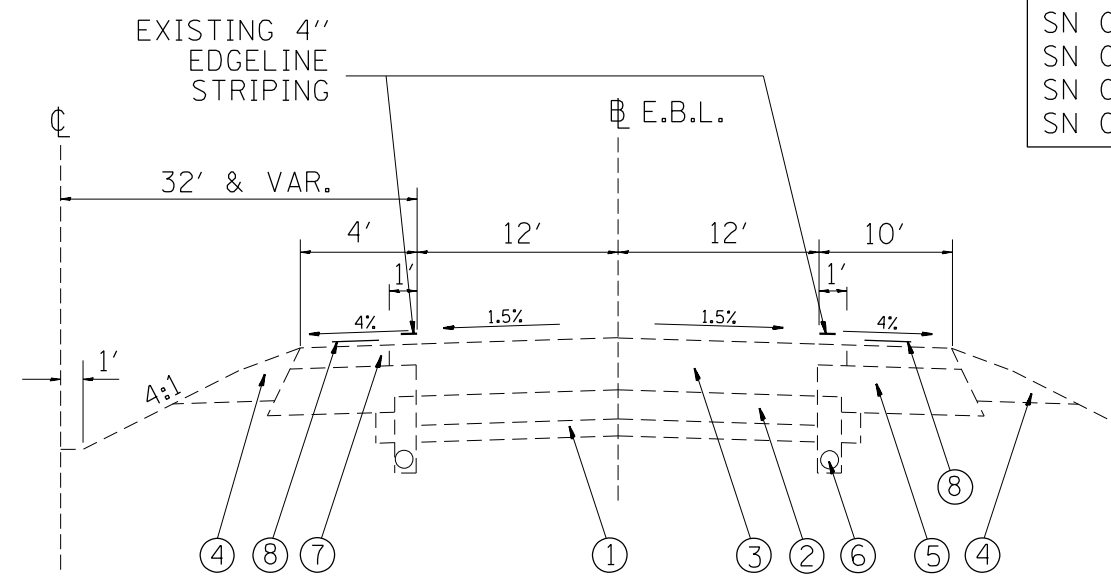
SN 090-0019 EB I-74 OVER N. MAIN ST.
 SN 090-0020 WB I-74 OVER N. MAIN ST.
 SN 090-0021 EB I-74 OVER T.P.&W. R.R.
 SN 090-0022 WB I-74 OVER T.P.&W. R.R.
 SN 090-0023 EB I-74 OVER MUD CREEK
 SN 090-0024 WB I-74 OVER MUD CREEK

STRUCTURES OVER I-74

TENNESSEE AVE.
 (SN 090-0084, STA. 686+89.76)
 WASHINGTON RD.
 (SN 090-0075, STA. 765+17.11)
 DEE-MAC RD.
 (SN 090-0077, STA. 922+60.73)



WESTBOUND STA. 654+86.77 TO STA. 804+28.11
 STATION EQUATION: 804+28.11(BK) = 804+34.42(AH)
 WESTBOUND STA. 804+34.42 TO STA. 971+40



EASTBOUND STA. 654+86.77 TO STA. 804+28.11
 STATION EQUATION: 804+28.11(BK) = 804+34.42(AH)
 EASTBOUND STA. 804+34.42 TO STA. 971+40

TYPICAL SECTION 2

NOT TO SCALE

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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

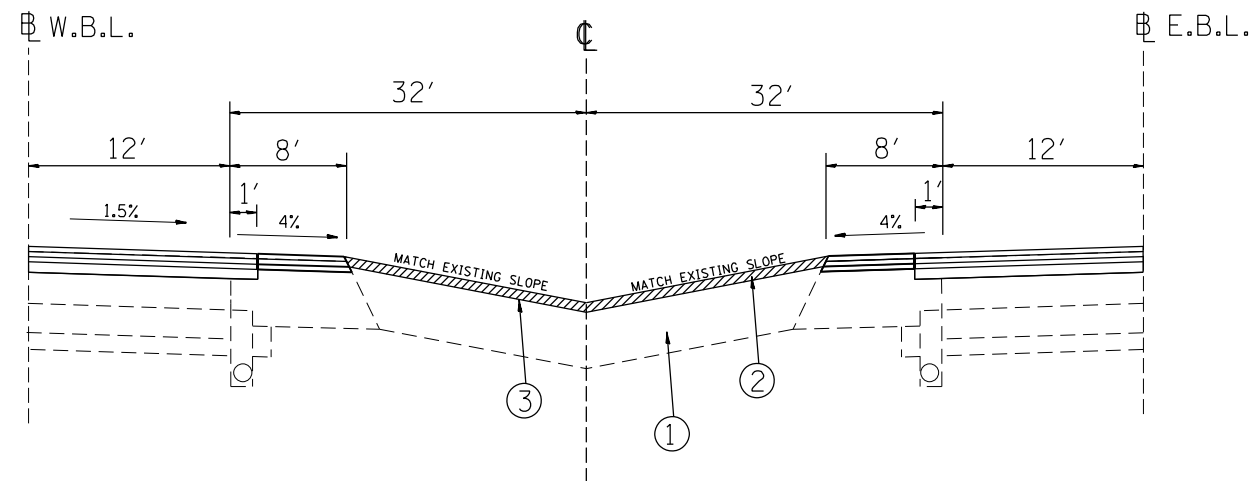
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS

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

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 14 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

- LEGEND
- ① EXISTING CROSSOVER PAVEMENT
 - ② PROPOSED HMA SURFACE REMOVAL, 2"
 - ③ PROP. 2" INCIDENTAL HOT-MIX ASPHALT SURFACING



TYPICAL SECTION 3
 MEDIAN CROSSOVERS
 MEDIAN STA. 675+50 AND 831+25

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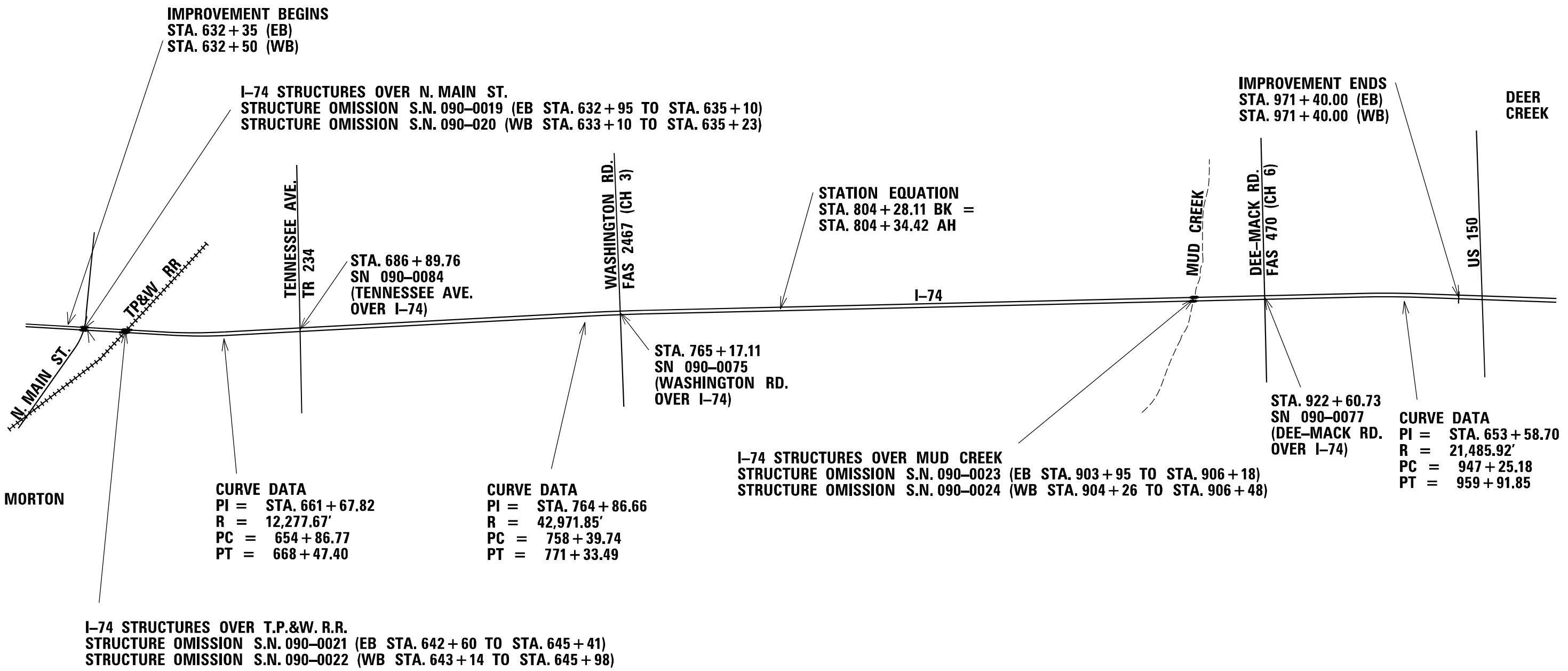
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| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 16 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



***NOT TO SCALE**

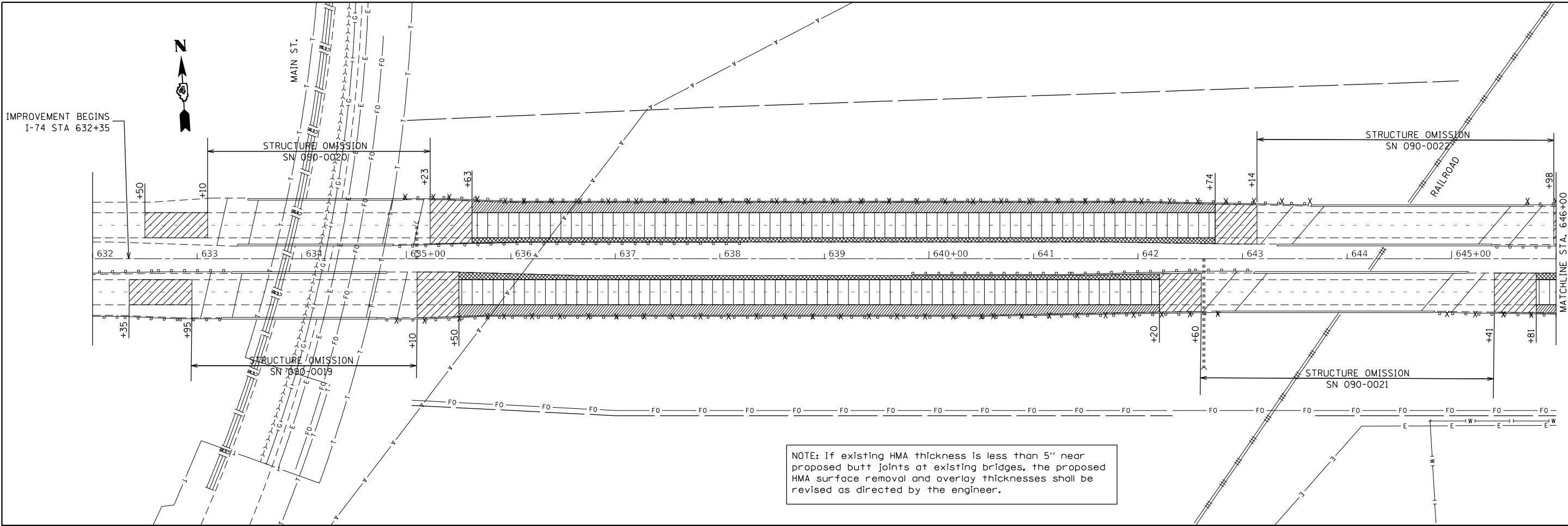
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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

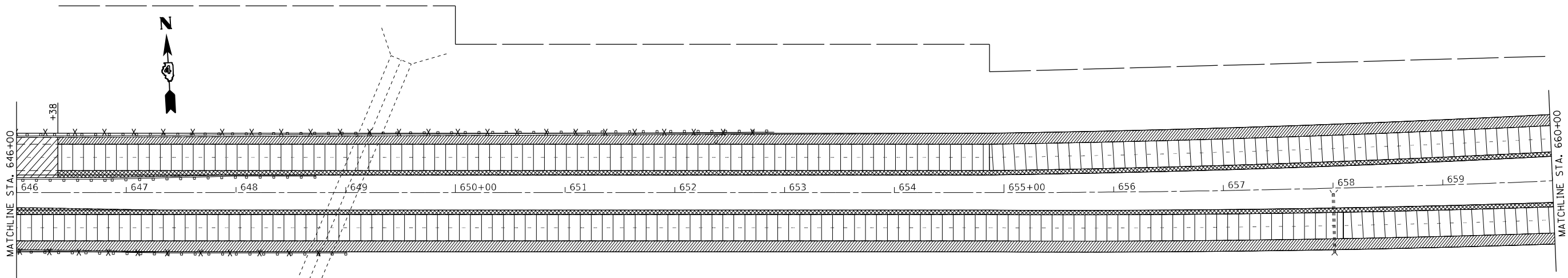
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|---------------------|--|
| LINE DIAGRAM | |
| SCALE: | SHEET 1 OF 1 SHEETS STA. 632+35 TO STA. 971+40 |

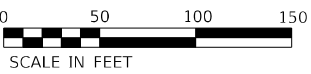
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 17 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTE: If existing HMA thickness is less than 5" near proposed butt joints at existing bridges, the proposed HMA surface removal and overlay thicknesses shall be revised as directed by the engineer.



| REMOVAL LEGEND | |
|----------------|--------------------------------------|
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) |
| | HMA SURFACE REMOVAL, 1/2" (Stage II) |
| | HMA SURFACE REMOVAL, 2" |
| | HMA SURFACE REMOVAL, 4" |



MODEL: Default
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PROJECT: ID_68F11

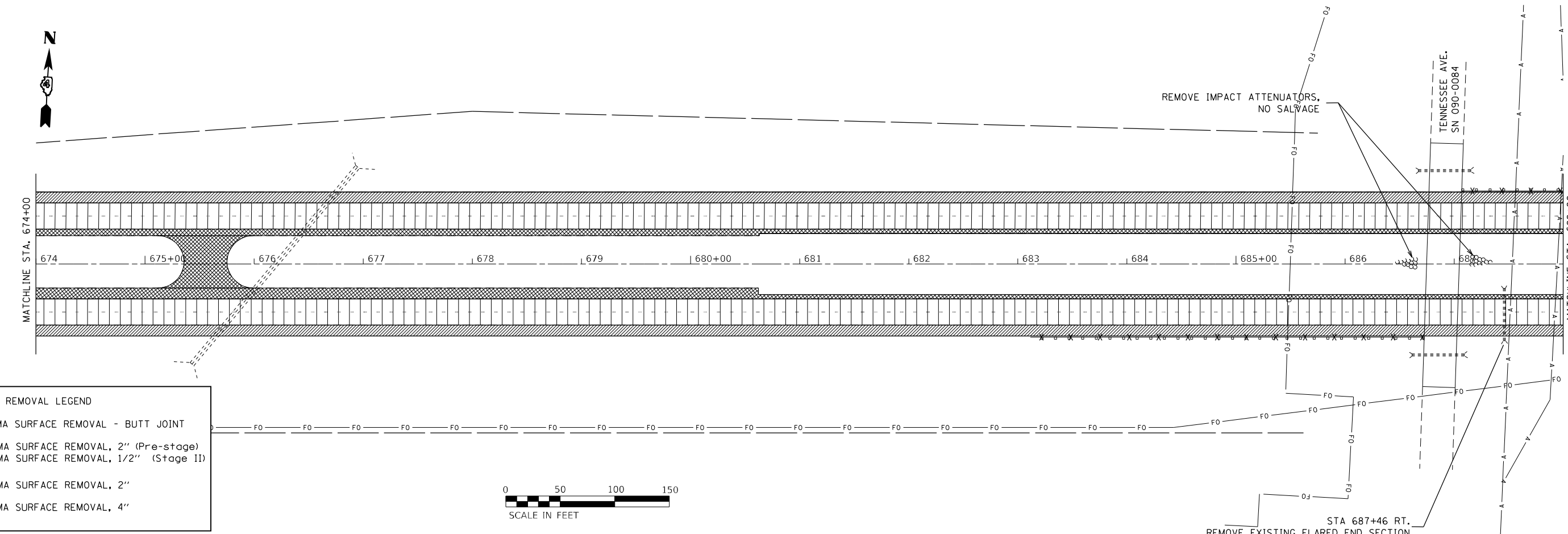
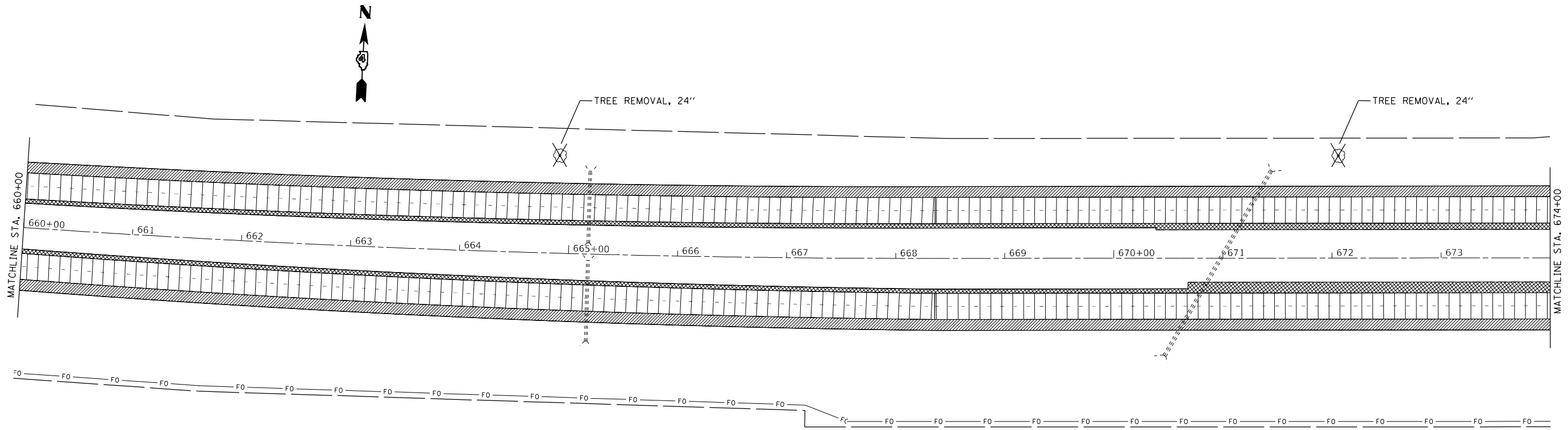
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| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 1 OF 13 SHEETS STA. 632+00 TO STA. 660+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 18 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



REMOVAL LEGEND

| | |
|--|---|
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) HMA SURFACE REMOVAL, 1/2" (Stage II) |
| | HMA SURFACE REMOVAL, 2" |
| | HMA SURFACE REMOVAL, 4" |



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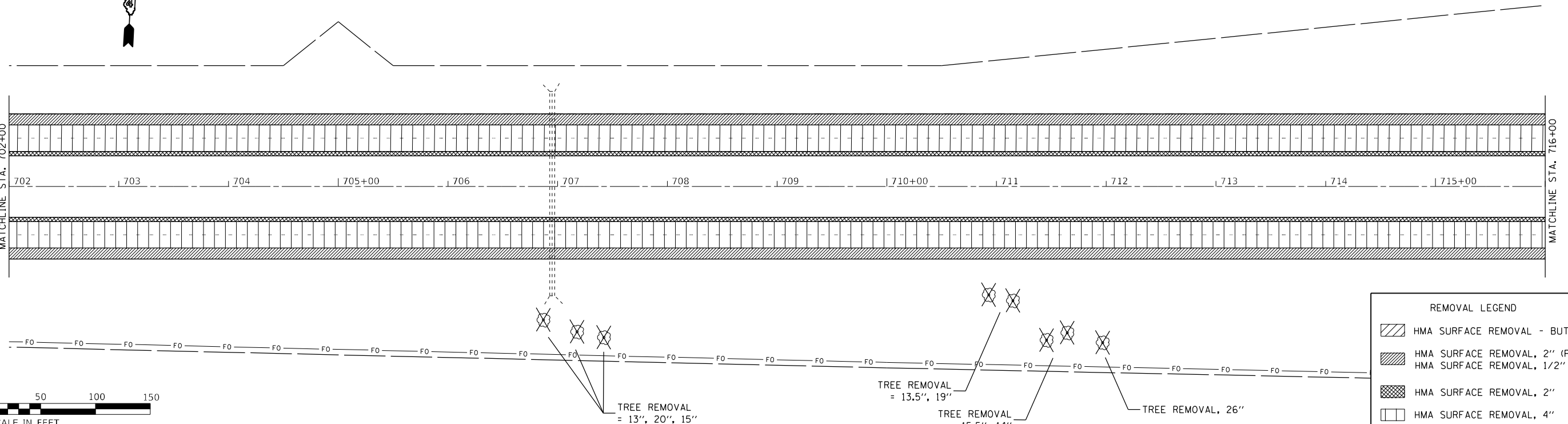
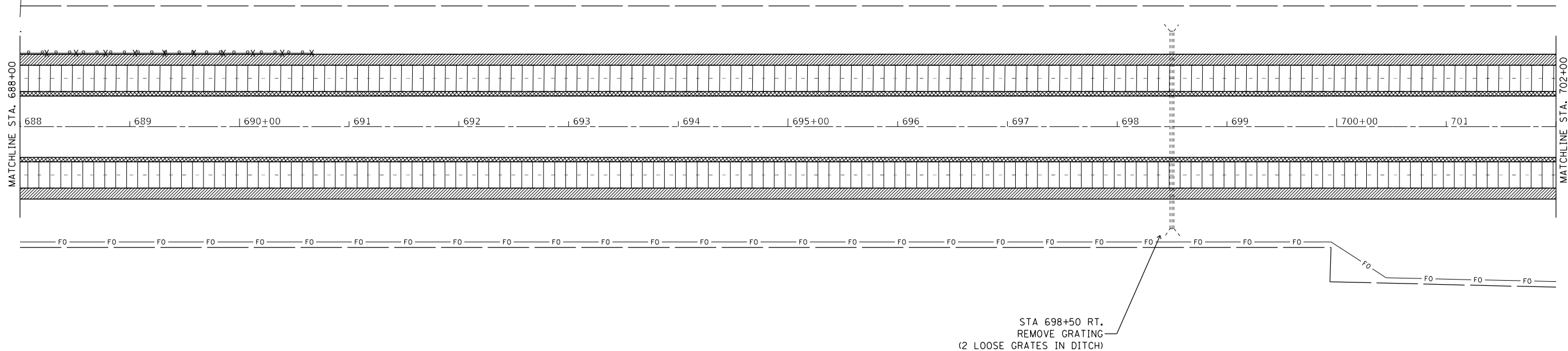
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| DRAWN - | REVISIONS - | |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 2 OF 13 SHEETS STA. 660+00 TO STA. 688+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 19 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| REMOVAL LEGEND | |
|----------------|---|
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) HMA SURFACE REMOVAL, 1/2" (Stage II) |
| | HMA SURFACE REMOVAL, 2" |
| | HMA SURFACE REMOVAL, 4" |

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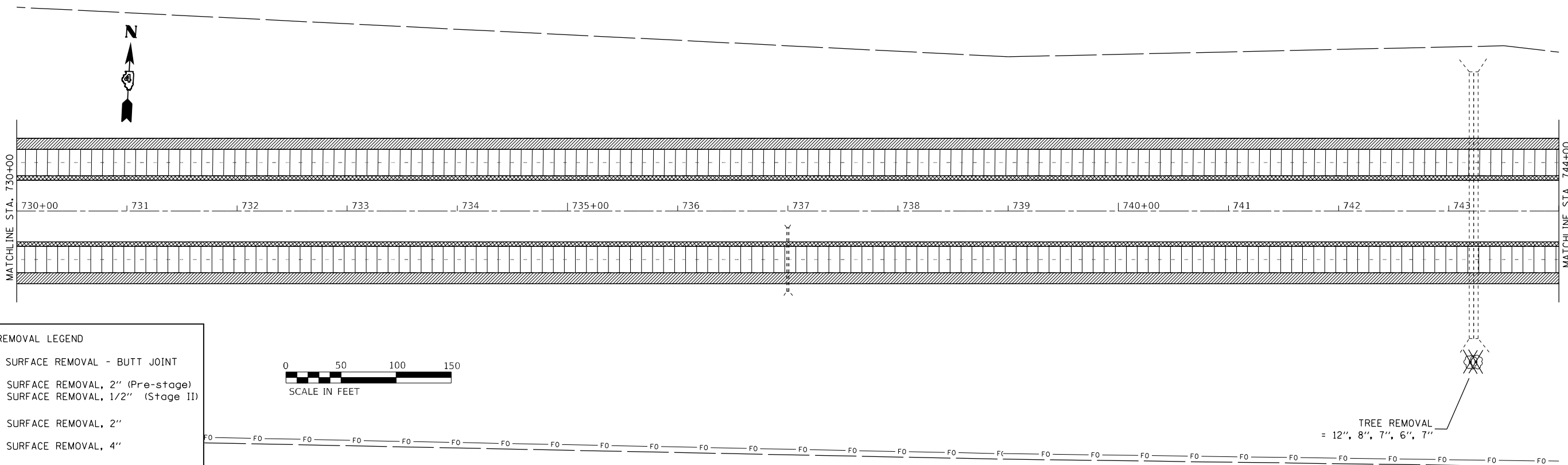
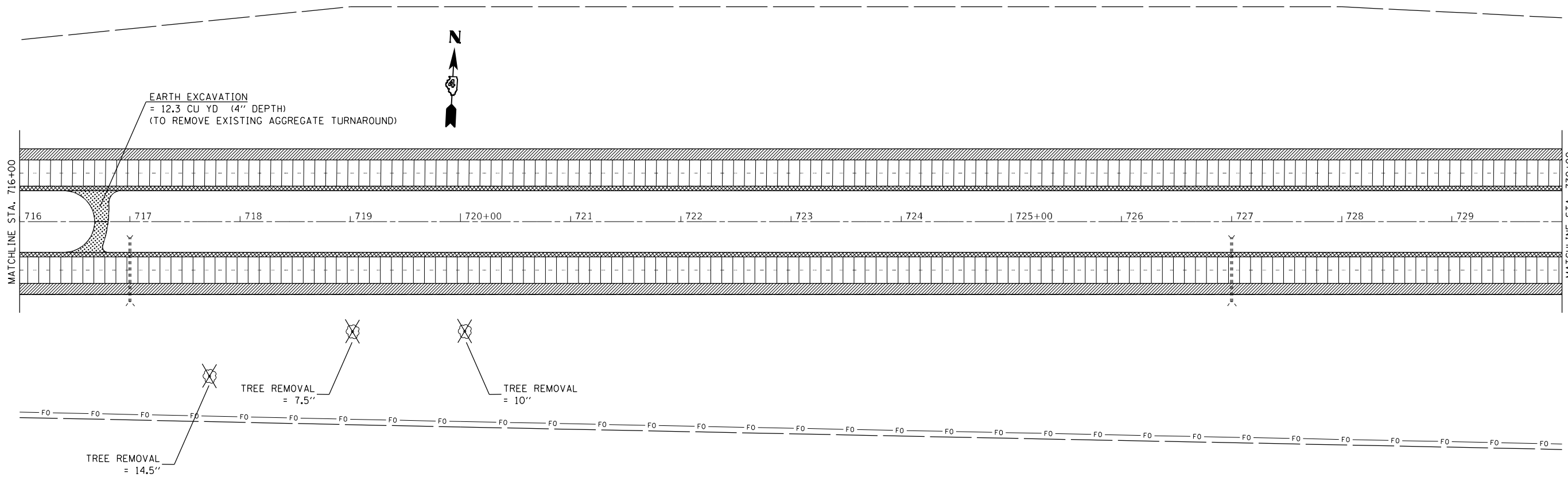
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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

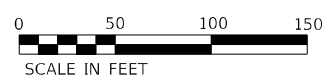
SCALE: 1" = 50' SHEET 3 OF 13 SHEETS STA. 688+00 TO STA. 716+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 20 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



REMOVAL LEGEND

| | |
|--|---|
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) HMA SURFACE REMOVAL, 1/2" (Stage II) |
| | HMA SURFACE REMOVAL, 2" |
| | HMA SURFACE REMOVAL, 4" |



| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

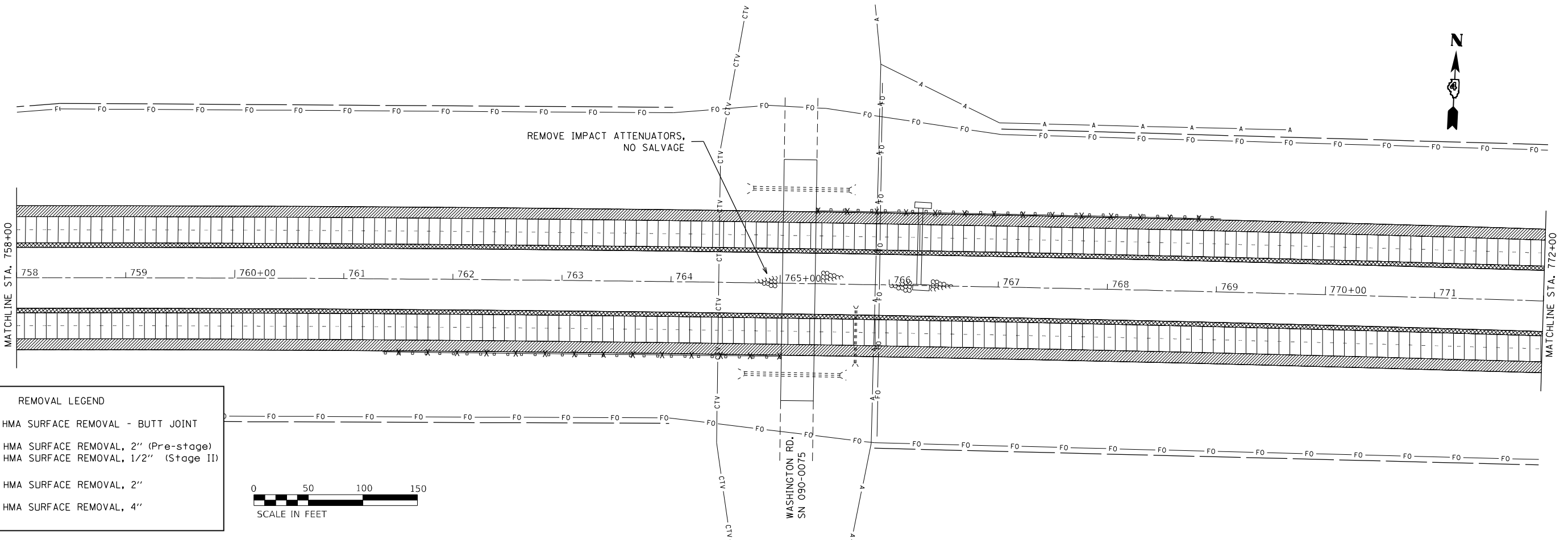
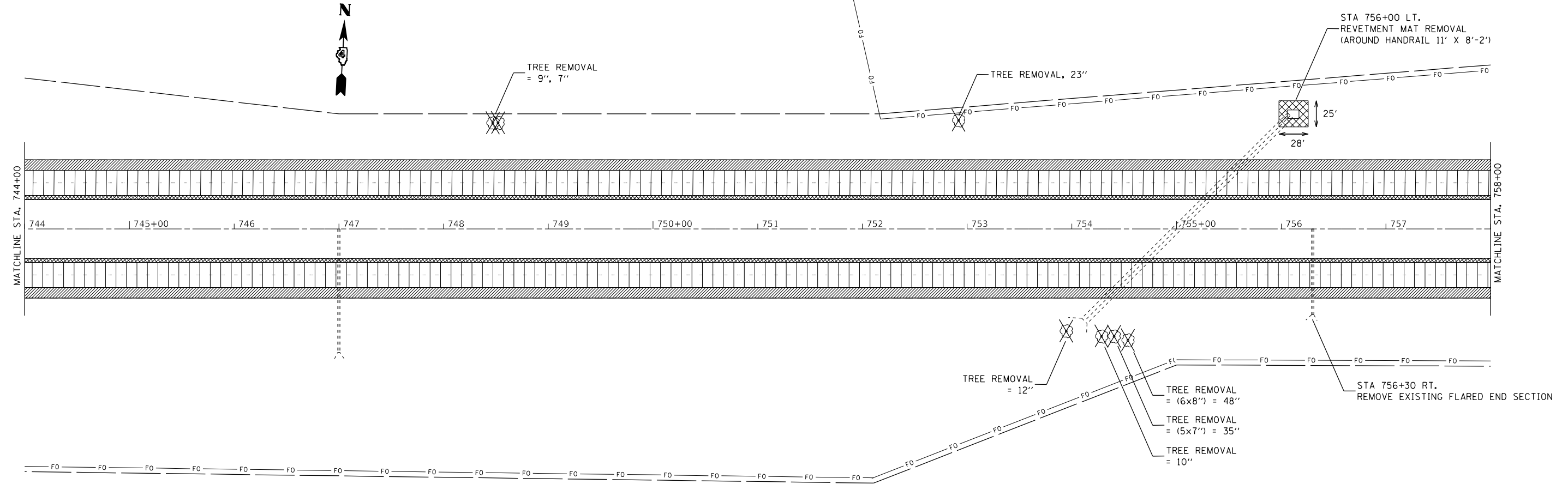
REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 4 OF 13 SHEETS STA. 716+00 TO STA. 744+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 21 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| REMOVAL LEGEND | |
|----------------|--------------------------------------|
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) |
| | HMA SURFACE REMOVAL, 1/2" (Stage II) |
| | HMA SURFACE REMOVAL, 2" |
| | HMA SURFACE REMOVAL, 4" |



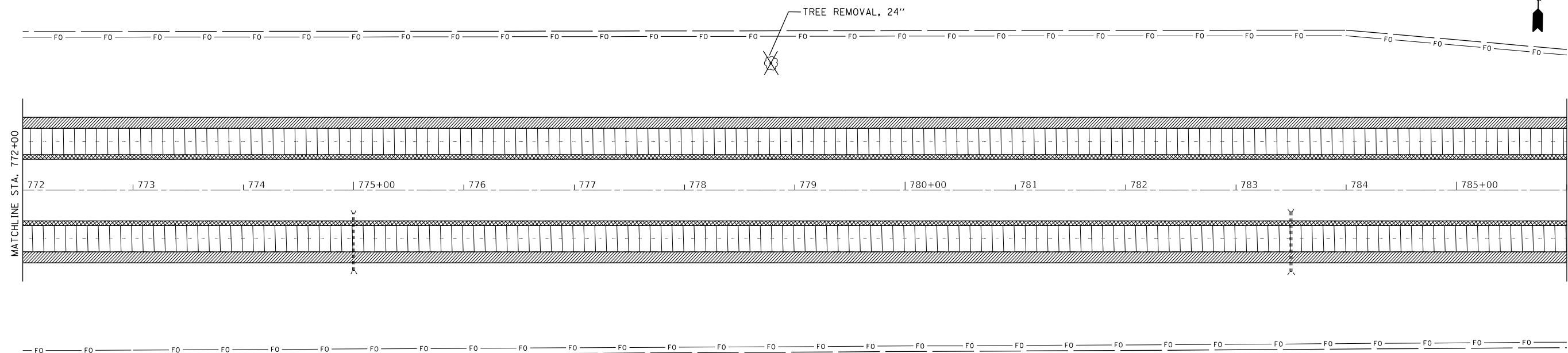
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|------------------------------|------------|-----------|
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| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

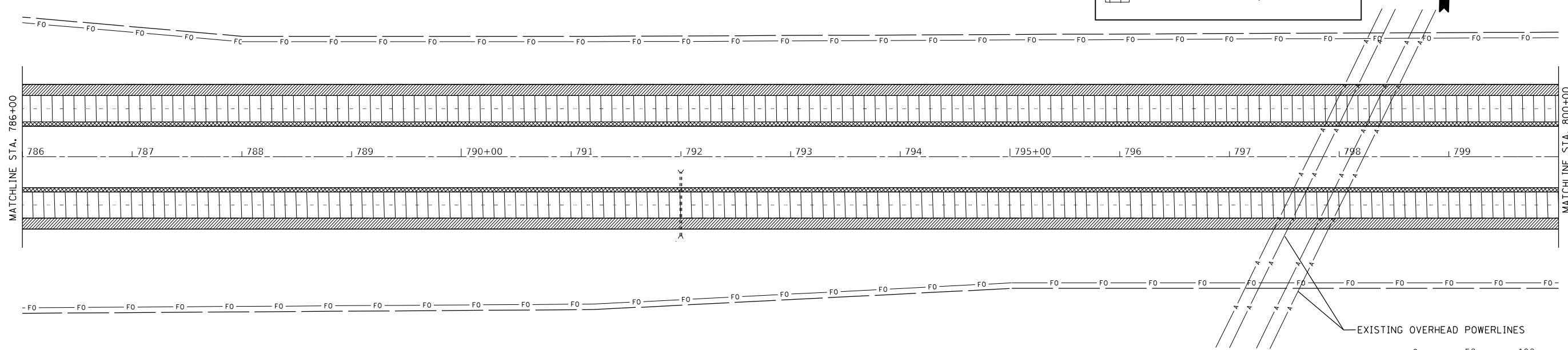
SCALE: 1" = 50' SHEET 5 OF 13 SHEETS STA. 744+00 TO STA. 772+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 22 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



REMOVAL LEGEND

- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 2" (Pre-stage)
HMA SURFACE REMOVAL, 1/2" (Stage II)
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 4"



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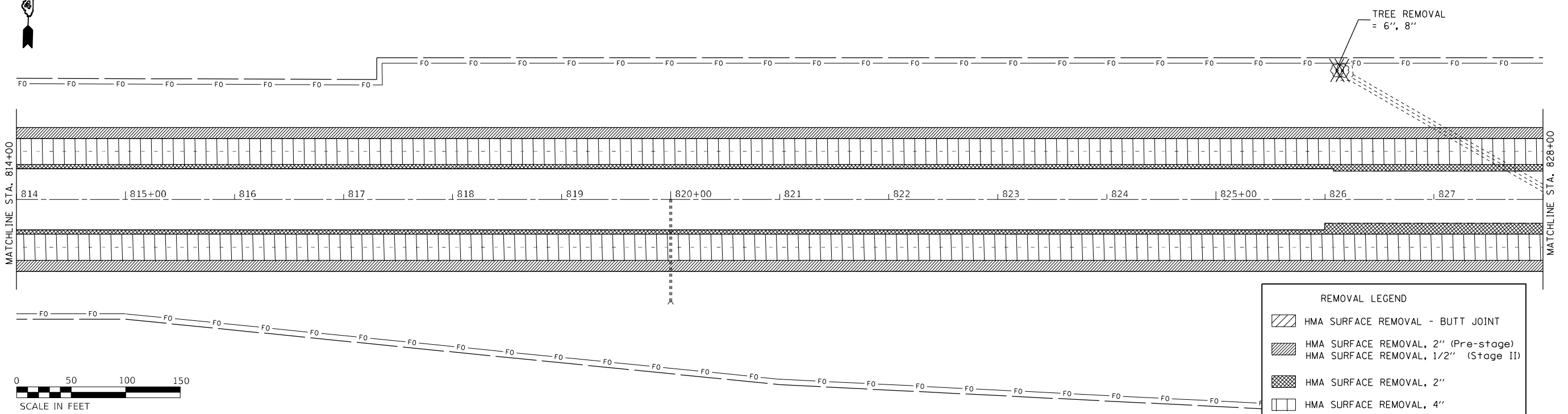
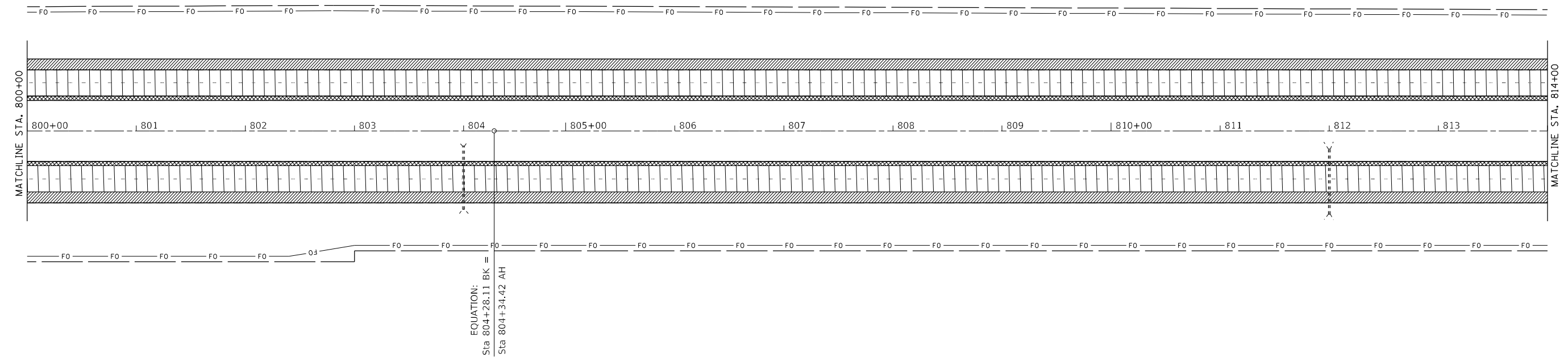
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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 6 OF 13 SHEETS STA. 772+00 TO STA. 800+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 23 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| REMOVAL LEGEND | | | |
|----------------|--------------------------------------|--|--|
| | HMA SURFACE REMOVAL - BUTT JOINT | | |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) | | |
| | HMA SURFACE REMOVAL, 1/2" (Stage II) | | |
| | HMA SURFACE REMOVAL, 2" | | |
| | HMA SURFACE REMOVAL, 4" | | |

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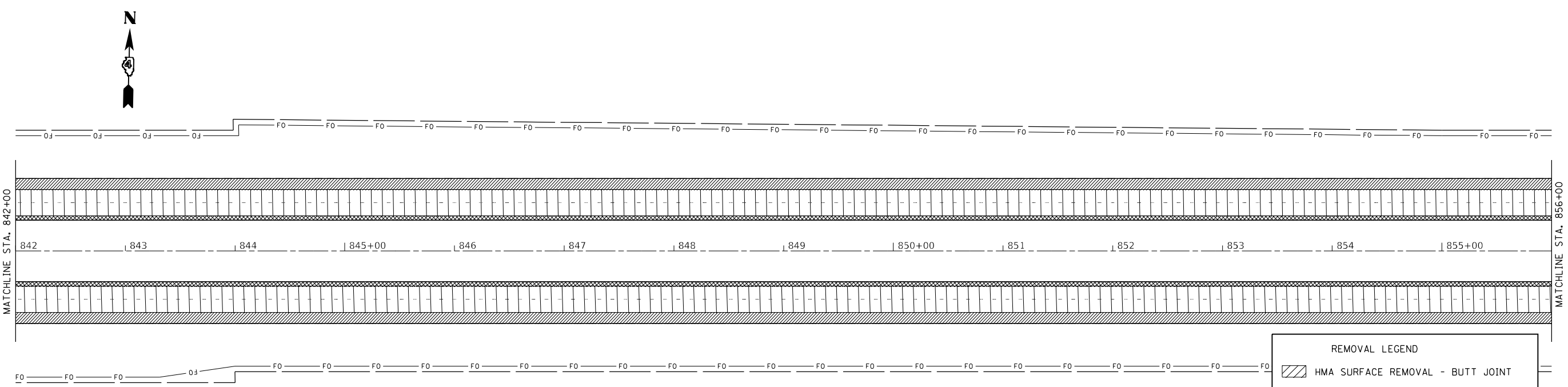
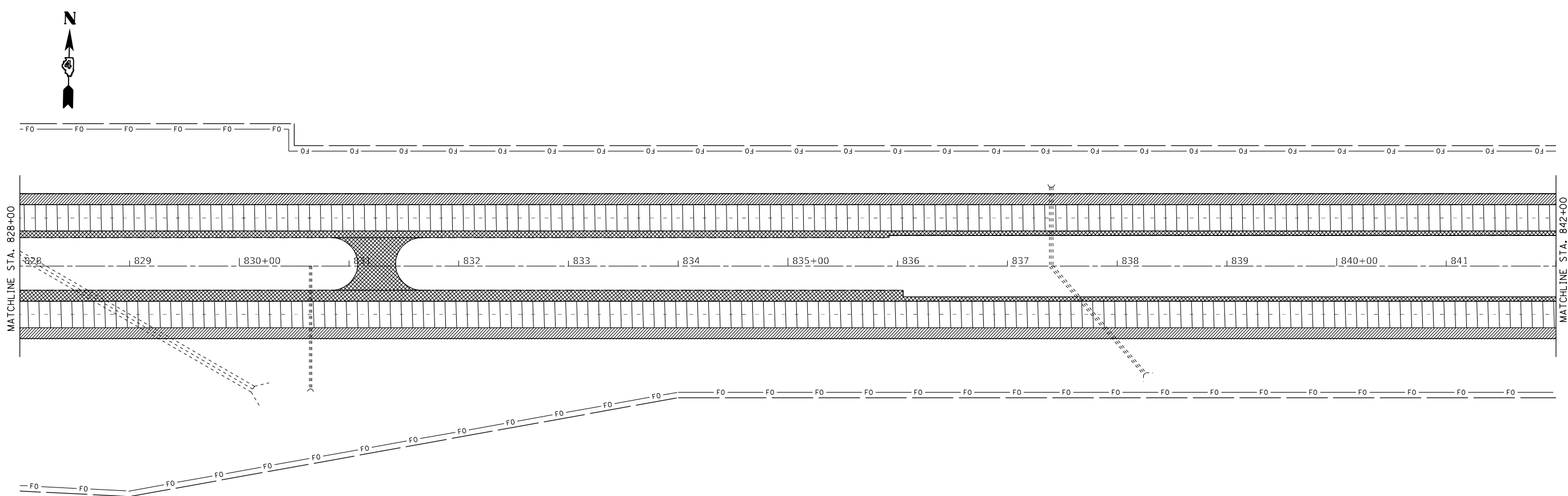
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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 7 OF 13 SHEETS STA. 800+00 TO STA. 828+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 24 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| REMOVAL LEGEND | | | |
|----------------|--------------------------------------|--|-------------------------------------|
| | HMA SURFACE REMOVAL - BUTT JOINT | | HMA SURFACE REMOVAL, 2" (Pre-stage) |
| | HMA SURFACE REMOVAL, 1/2" (Stage II) | | HMA SURFACE REMOVAL, 2" |
| | HMA SURFACE REMOVAL, 4" | | |

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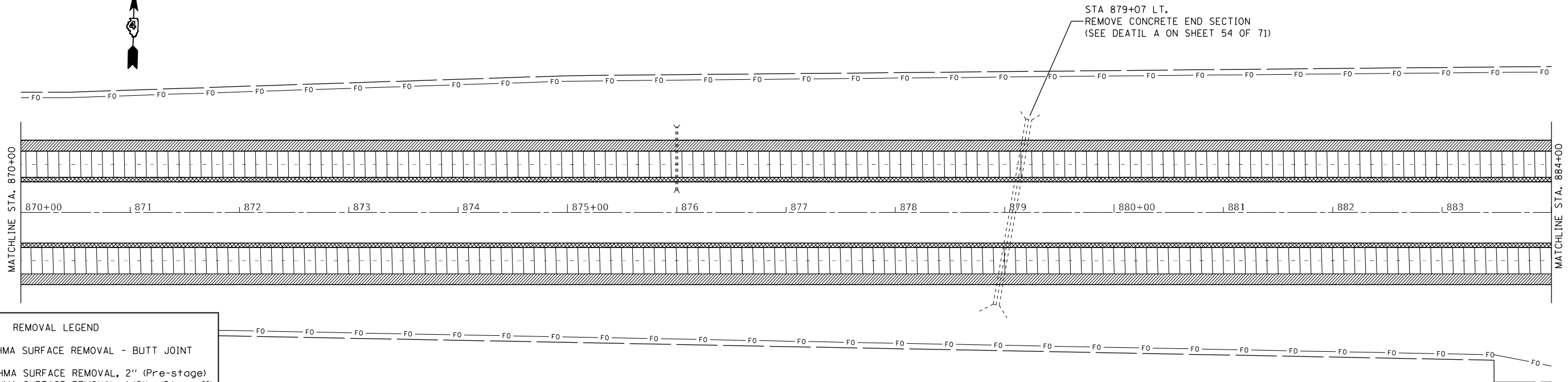
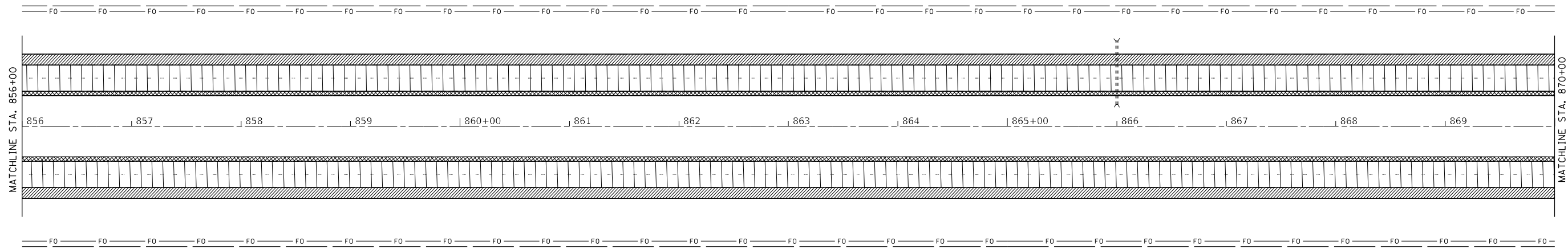
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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| DRAWN - | REVISOR - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 8 OF 13 SHEETS STA. 828+00 TO STA. 856+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 25 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| REMOVAL LEGEND | |
|----------------|--------------------------------------|
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) |
| | HMA SURFACE REMOVAL, 1/2" (Stage II) |
| | HMA SURFACE REMOVAL, 2" |
| | HMA SURFACE REMOVAL, 4" |



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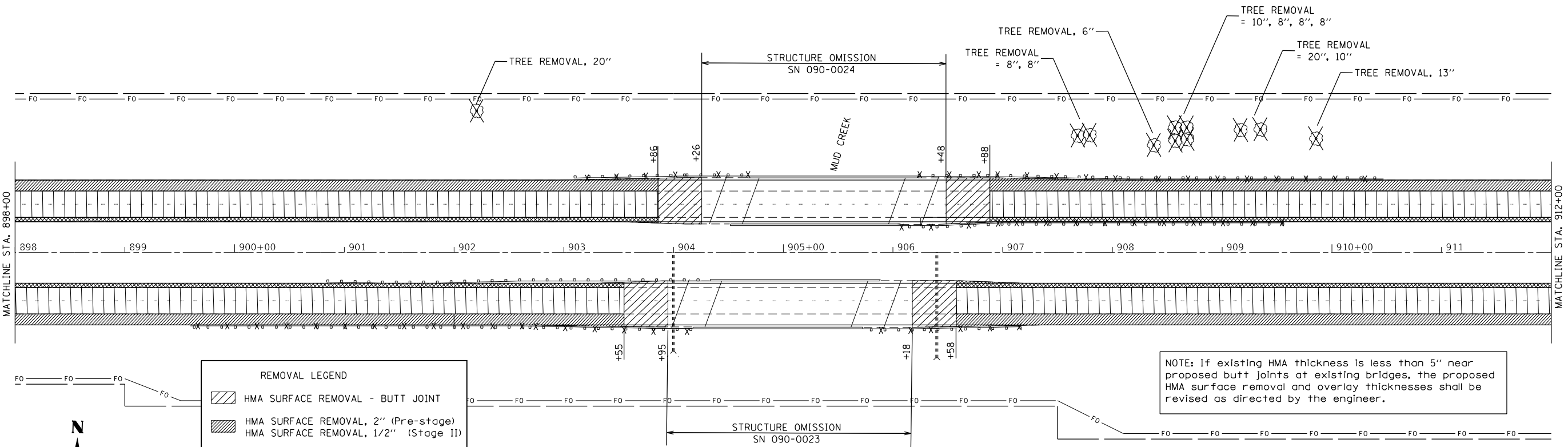
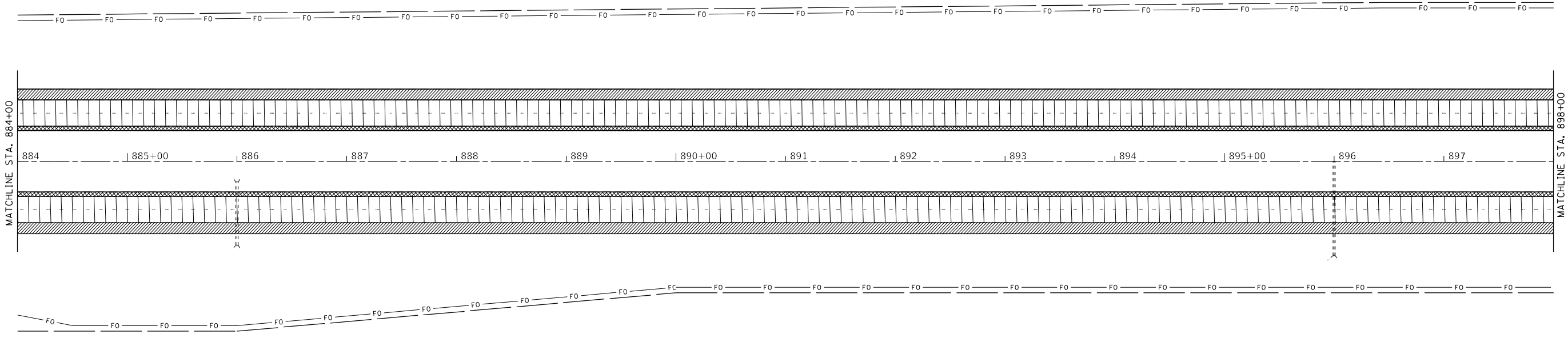
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| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 9 OF 13 SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 26 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| REMOVAL LEGEND | |
|----------------|--------------------------------------|
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) |
| | HMA SURFACE REMOVAL, 1/2" (Stage II) |
| | HMA SURFACE REMOVAL, 2" |
| | HMA SURFACE REMOVAL, 4" |

NOTE: If existing HMA thickness is less than 5" near proposed butt joints at existing bridges, the proposed HMA surface removal and overlay thicknesses shall be revised as directed by the engineer.



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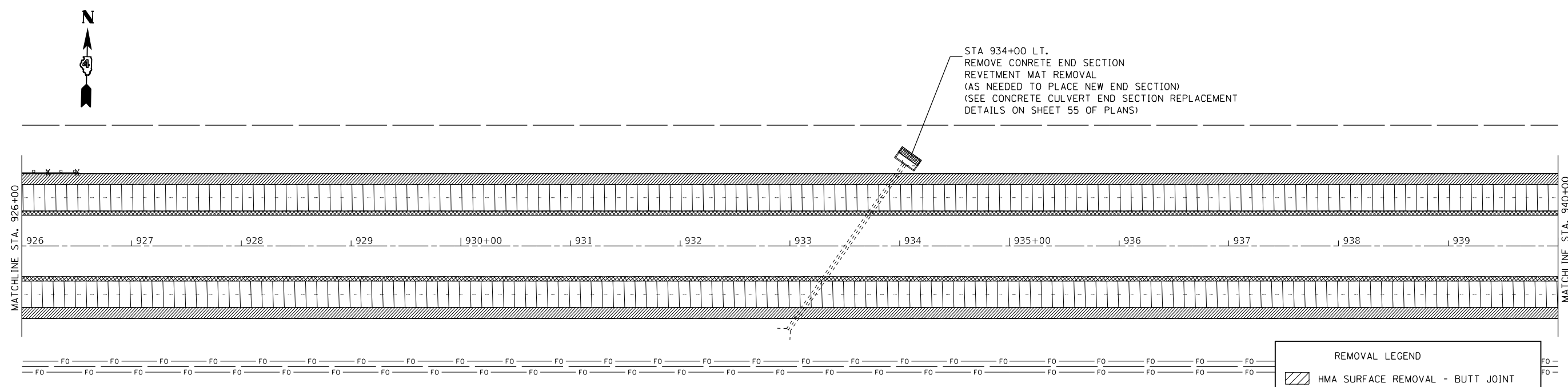
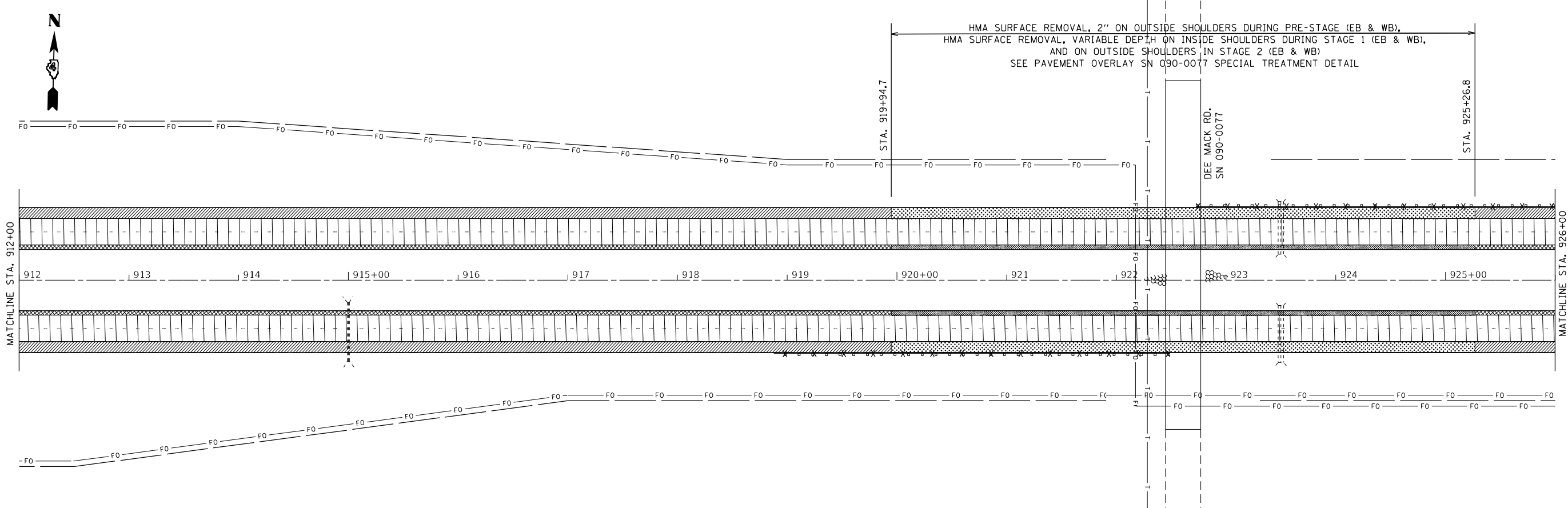
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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 10 OF 13 SHEETS STA. 884+00 TO STA. 912+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 27 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| REMOVAL LEGEND | |
|----------------|---|
| | HMA SURFACE REMOVAL - BUTT JOINT |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) HMA SURFACE REMOVAL, 1/2" (Stage II) |
| | HMA SURFACE REMOVAL, 2" |
| | HMA SURFACE REMOVAL, 4" |



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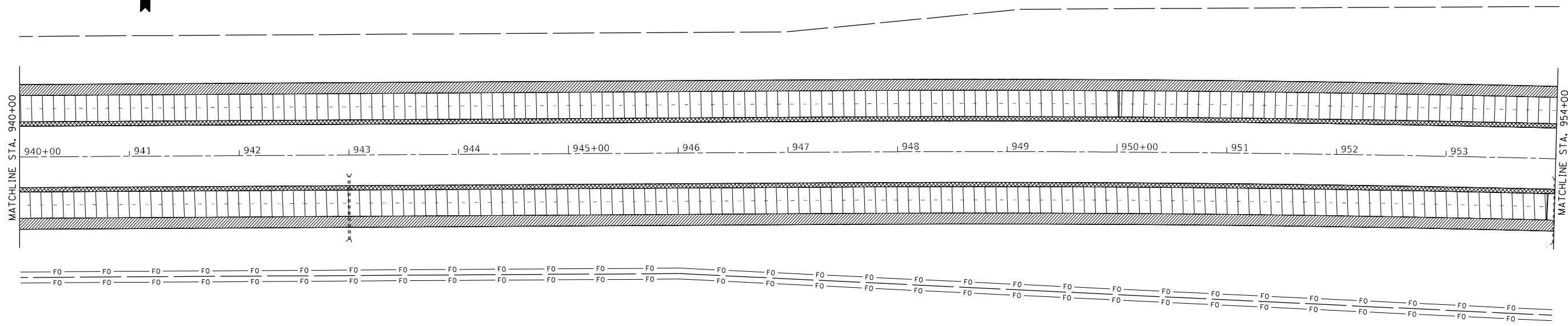
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| USER NAME = greenom | DESIGNED - | REVISED - |
| DRAWN - | REVISOR - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN SHEETS

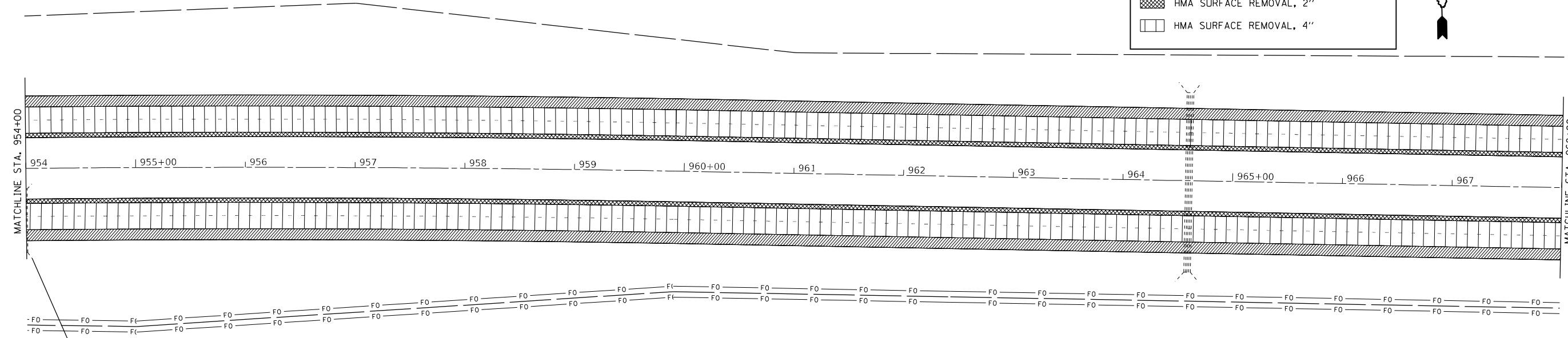
SCALE: 1" = 50' SHEET 11 OF 13 SHEETS STA. 912+00 TO STA. 940+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 28 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

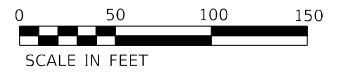


REMOVAL LEGEND

- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 2" (Pre-stage)
HMA SURFACE REMOVAL, 1/2" (Stage II)
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 4"



STA 954+00 RT.
CONCRETE REMOVAL
(REMOVE EXISTING COLLAR)



MODEL: Default
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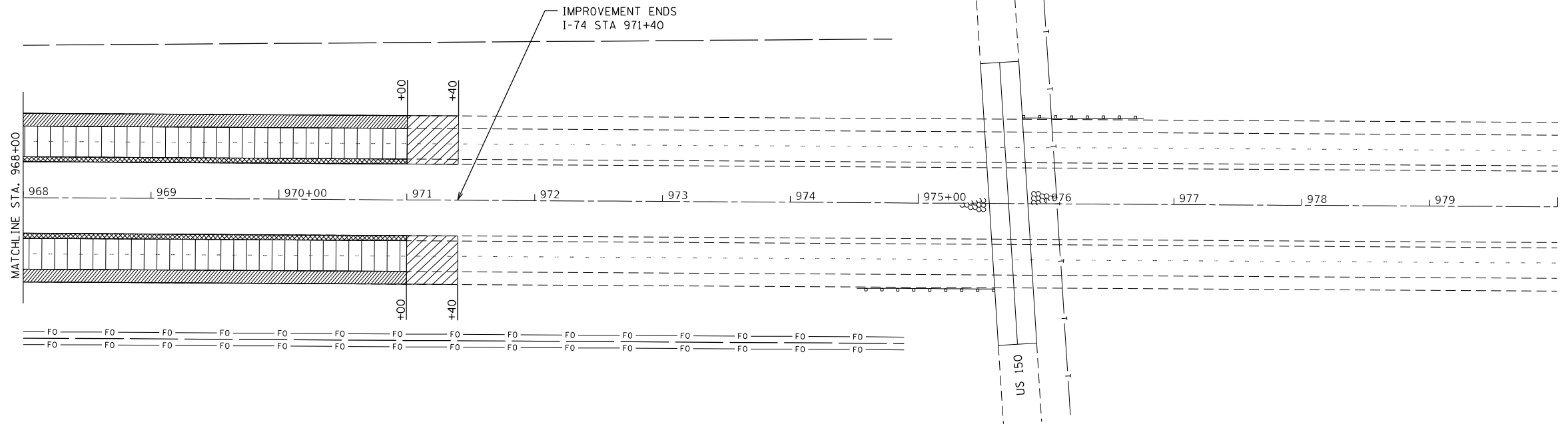
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| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 12 OF 13 SHEETS STA. 940+00 TO STA. 968+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 29 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| REMOVAL LEGEND | | | |
|----------------|--------------------------------------|--|--|
| | HMA SURFACE REMOVAL - BUTT JOINT | | |
| | HMA SURFACE REMOVAL, 2" (Pre-stage) | | |
| | HMA SURFACE REMOVAL, 1/2" (Stage II) | | |
| | HMA SURFACE REMOVAL, 2" | | |
| | HMA SURFACE REMOVAL, 4" | | |

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|-------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

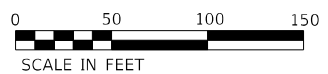
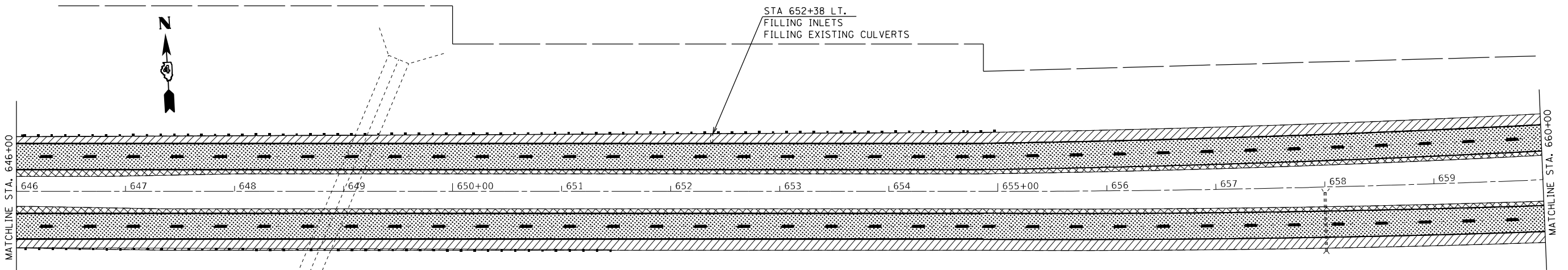
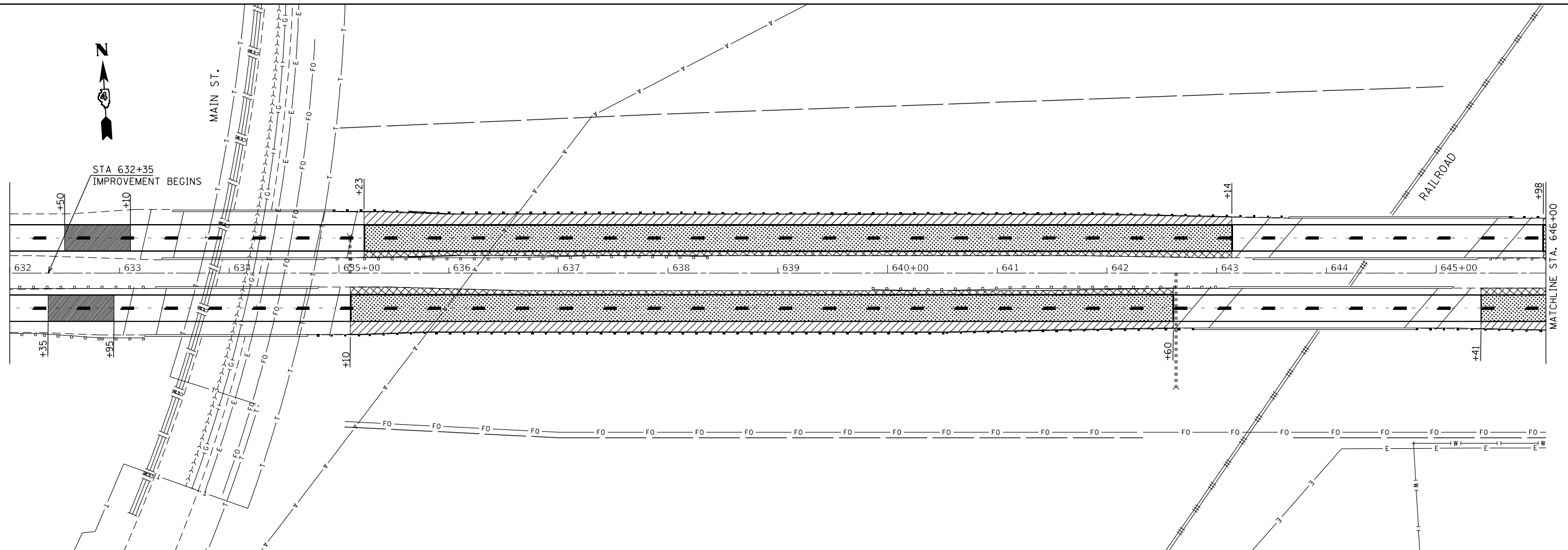
REMOVAL PLAN SHEETS

SCALE: 1" = 50' SHEET 13 OF 13 SHEETS STA. 968+00 TO STA. 971+40

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------------|----------|------------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 30 |
| ILLINOIS | | | FED. AID PROJECT | |

CONTRACT NO. 68F11

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 PROJECT: ID_68F11



| PROPOSED LEGEND | |
|-----------------|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 1" POLY HMA BIND COURSE, IL-4.75, N50 |

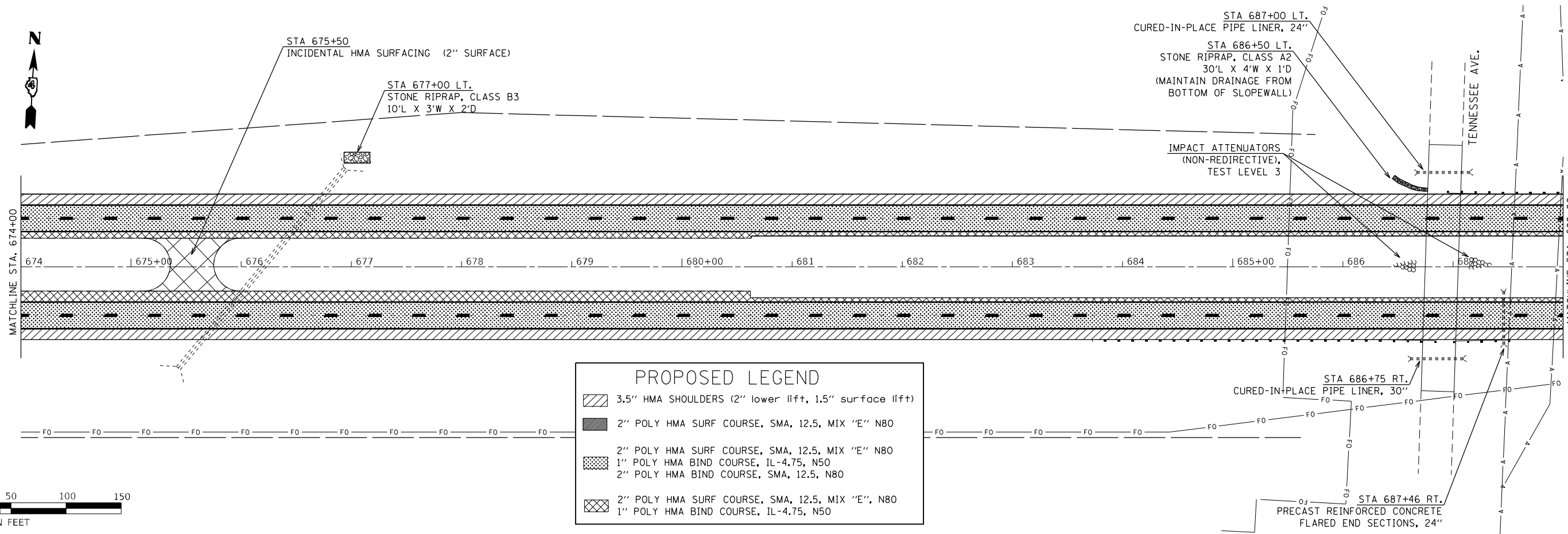
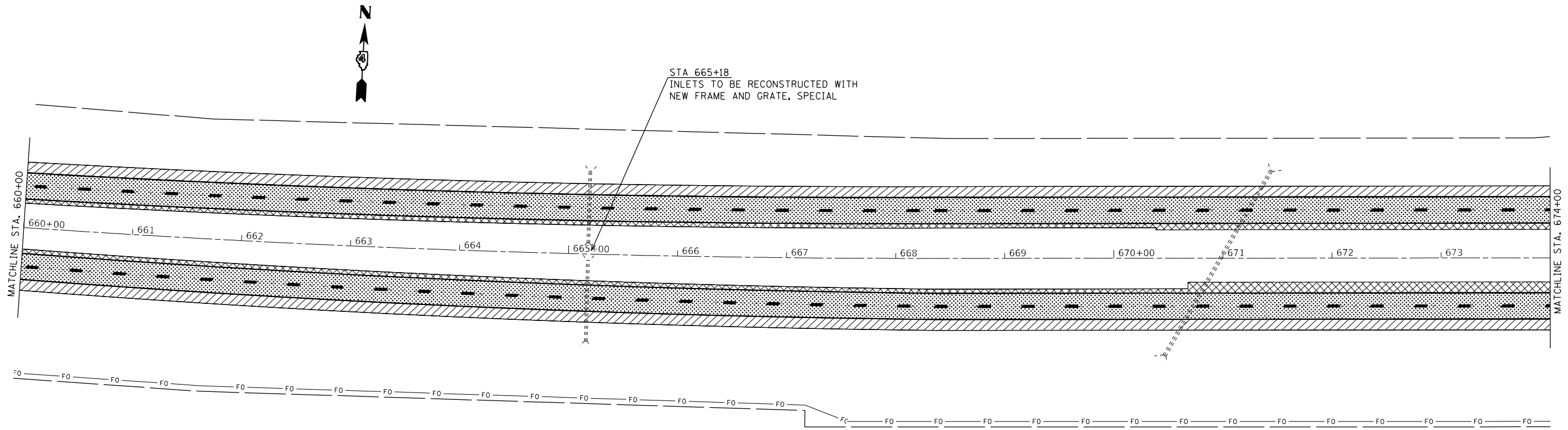
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| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEETS

SCALE: 1" = 50' SHEET 1 OF 13 SHEETS STA. 632+00 TO STA. 660+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 31 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| PROPOSED LEGEND | |
|-----------------|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |



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 PROJECT: ID_68F11

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| DRAWN - | REVISOR - | REVISOR - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISOR - |
| PLOT DATE = 10/20/2021 | DATE - | REVISOR - |

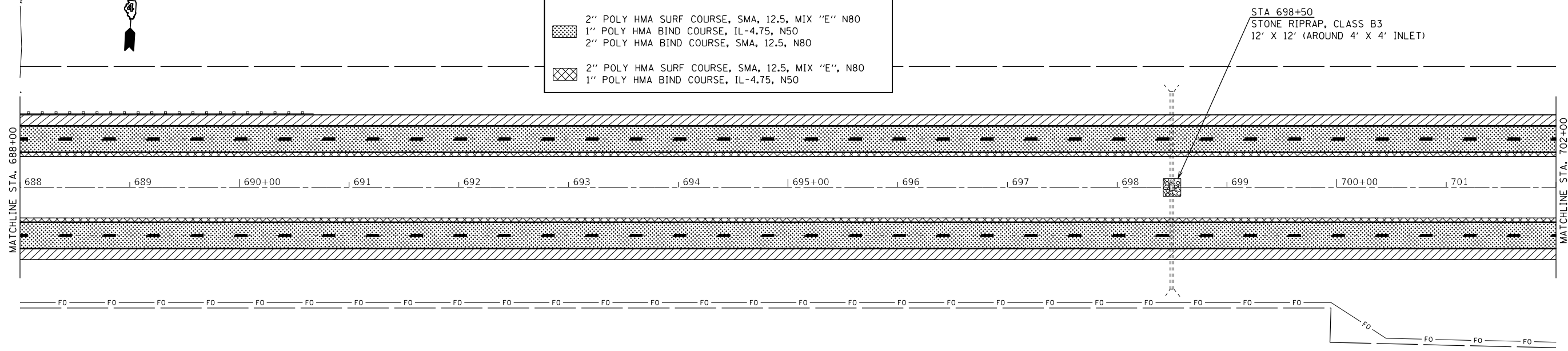
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| PROPOSED PLAN SHEETS | | | |
|----------------------|---------|--------------|----------------------------|
| SCALE: 1" = 50' | SHEET 2 | OF 13 SHEETS | STA. 660+00 TO STA. 688+00 |

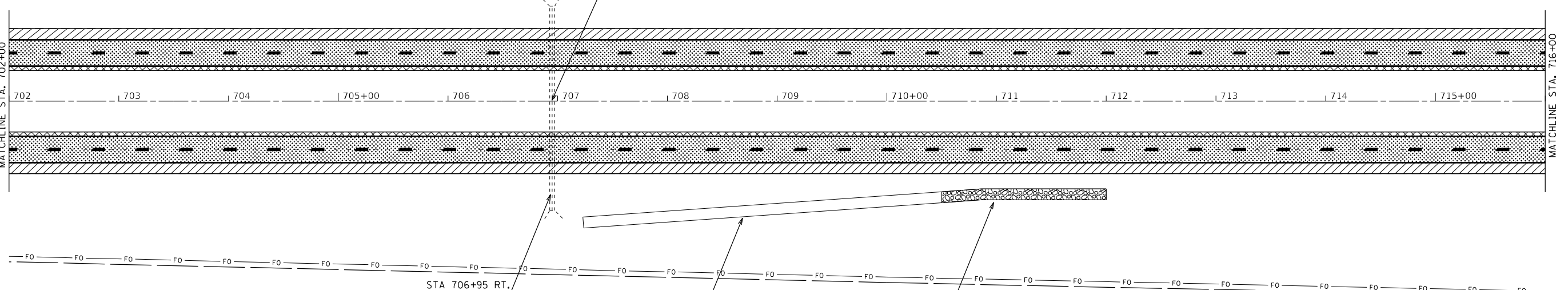
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 32 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| PROPOSED LEGEND | |
|-----------------|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |
| | 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |



STA 706+95
REPAIR LEAK AT SW CORNER OF
INLET AS DIRECTED BY THE ENGINEER.
THIS WORK WILL BE PAID FOR IN
ACCORDANCE WITH ARTICLE 109.04
OF THE STANDARD SPECIFICATIONS.



STA 706+95 RT.
INVESTIGATE POSSIBLE LEAK IN PIPE
AS DIRECTED BY THE ENGINEER.
THIS WORK WILL BE PAID FOR IN
ACCORDANCE WITH ARTICLE 109.04
OF THE STANDARD SPECIFICATIONS.

EXISTING REVETMENT MAT
TO REMAIN

STA 710+50 RT. TO STA 712+00 RT.
STONE RIPRAP, CLASS B3 (SPECIAL)
150' X 10'

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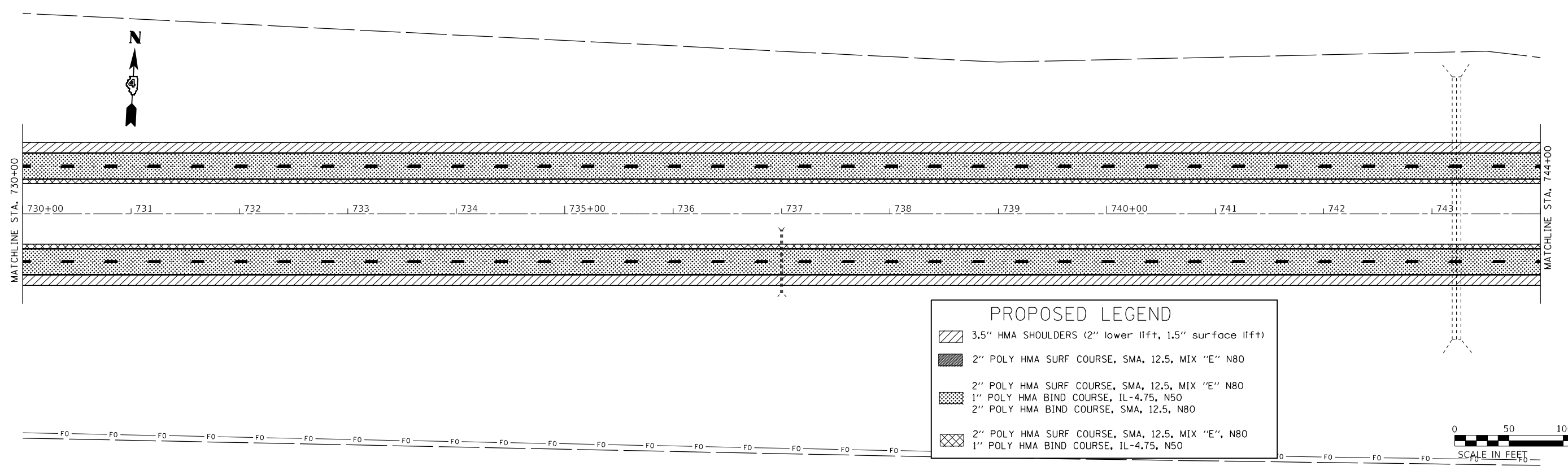
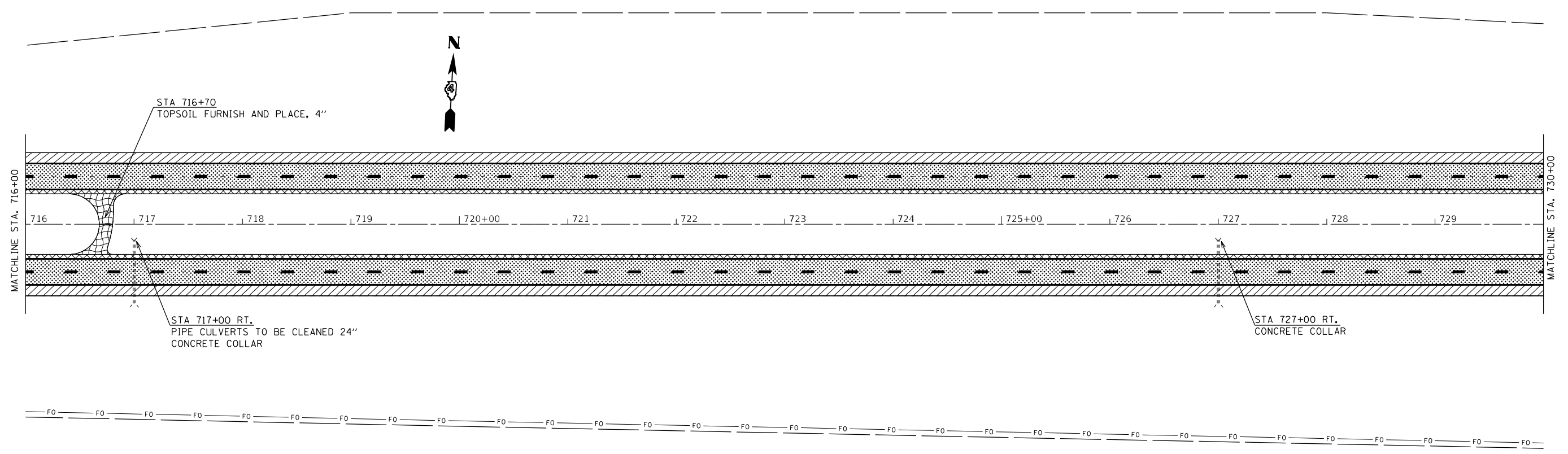
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| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEETS

SCALE: 1" = 50' SHEET 3 OF 13 SHEETS STA. 688+00 TO STA. 716+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 33 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



MODEL: Default
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 PROJECT: ID_68F11

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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEETS

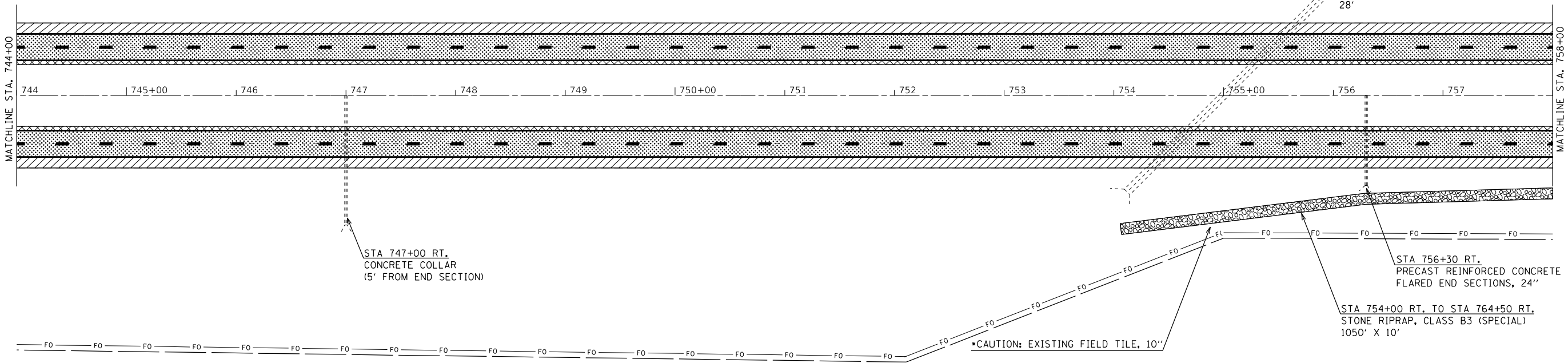
SCALE: 1" = 50' SHEET 4 OF 13 SHEETS STA. 716+00 TO STA. 744+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 34 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



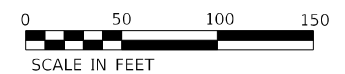
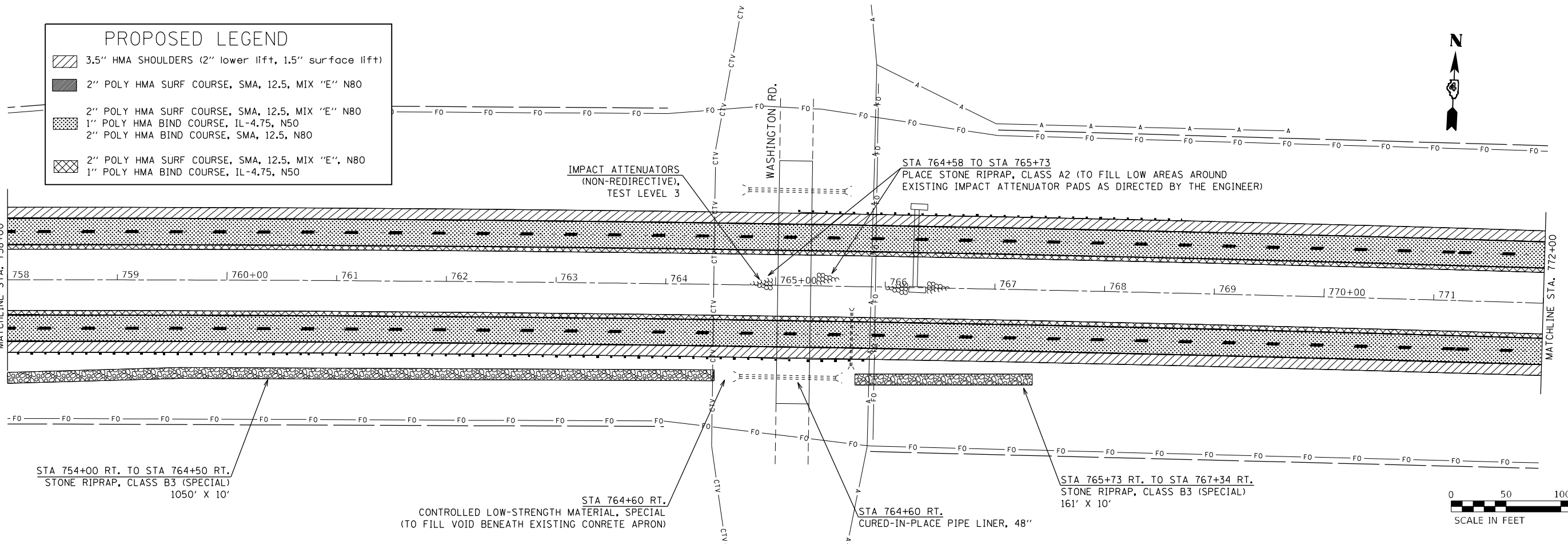
STA 756+00 LT.
 REFASTEN HANDRAIL IN ACCORDANCE
 WITH DISTRICT STANDARD 510001-D4
 AS DIRECTED BY THE ENGINEER
 THIS WORK WILL BE PAID FOR
 IN ACCORDANCE WITH ARTICLE 109.04
 OF THE STANDARD SPECIFICATIONS

STA 756+00 LT.
 STONE RIPRAP, CLASS A4
 (AROUND HANDRAIL 11' X 8'-2")



PROPOSED LEGEND

- 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift)
- 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80
- 1" POLY HMA BIND COURSE, IL-4.75, N50
- 2" POLY HMA BIND COURSE, SMA, 12.5, N80
- 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80
- 1" POLY HMA BIND COURSE, IL-4.75, N50



| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEETS

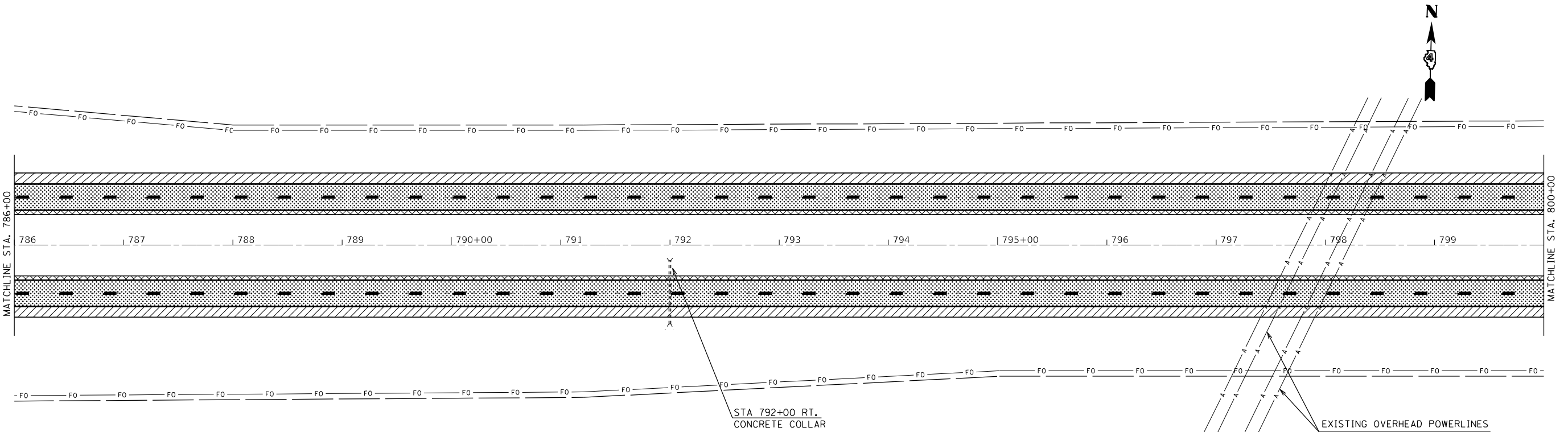
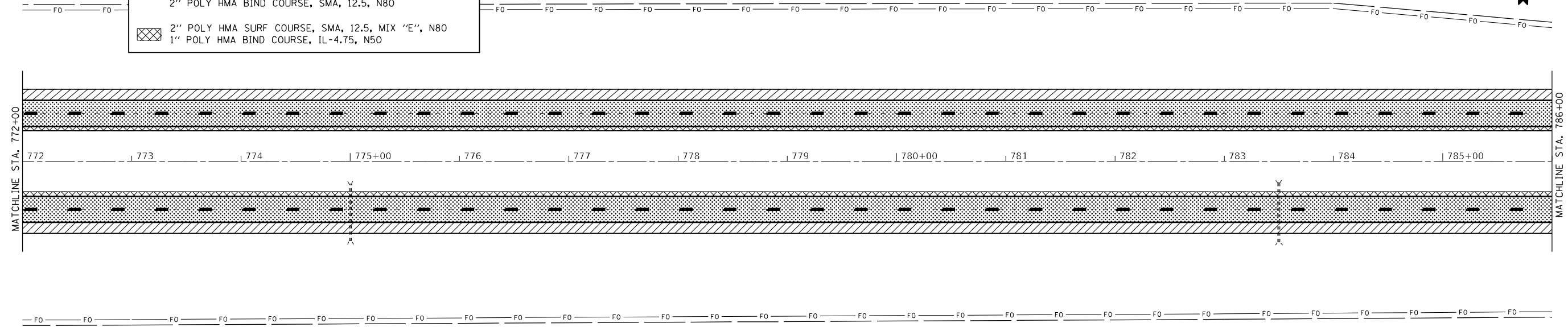
SCALE: 1" = 50' SHEET 5 OF 13 SHEETS STA. 744+00 TO STA. 772+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 35 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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PROPOSED LEGEND

| | |
|--|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |
| | 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |



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 PROJECT: 68F11

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

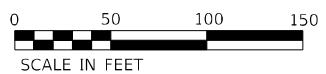
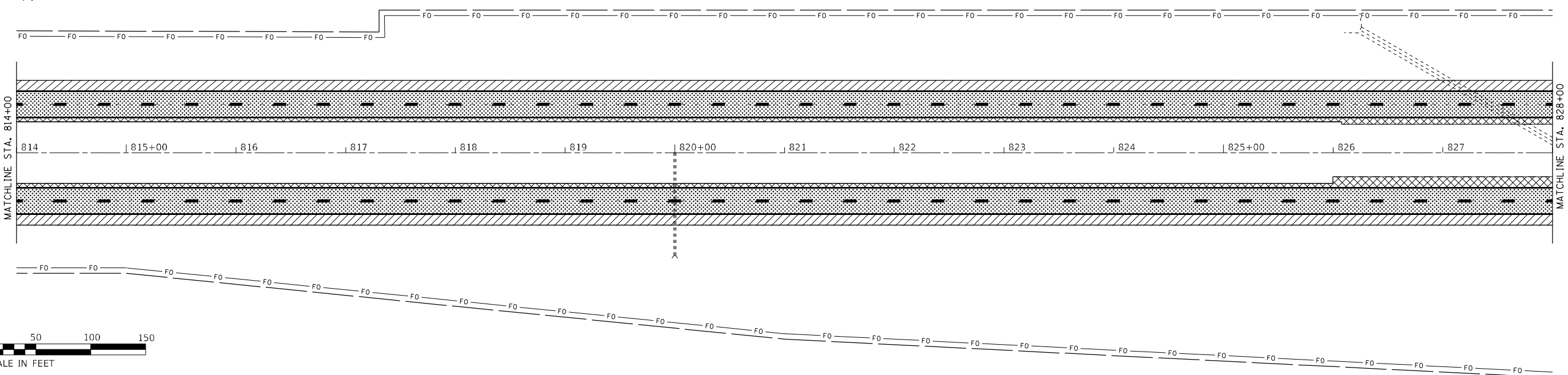
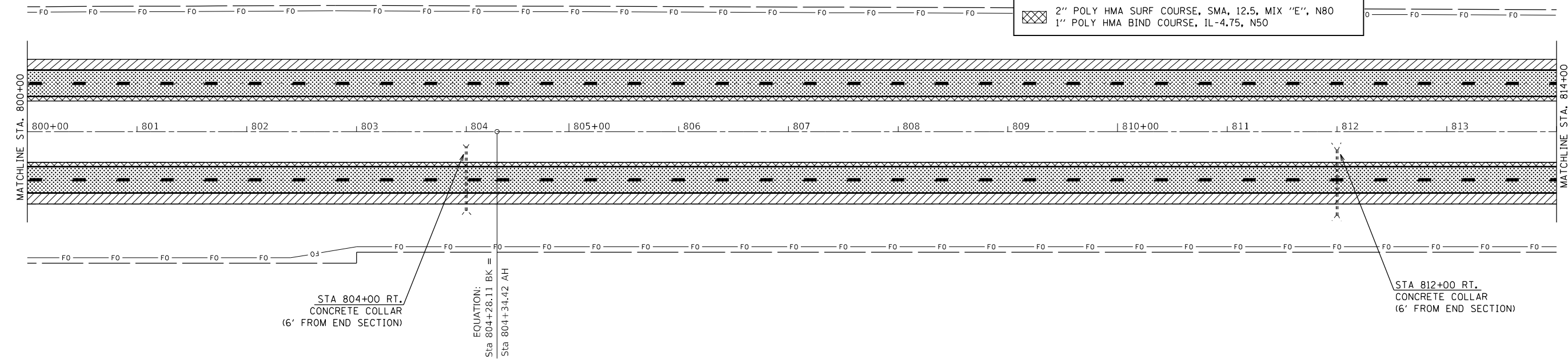
PROPOSED PLAN SHEETS

SCALE: 1" = 50' SHEET 6 OF 13 SHEETS STA. 772+00 TO STA. 800+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 36 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| PROPOSED LEGEND | |
|-----------------|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |
| | 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |



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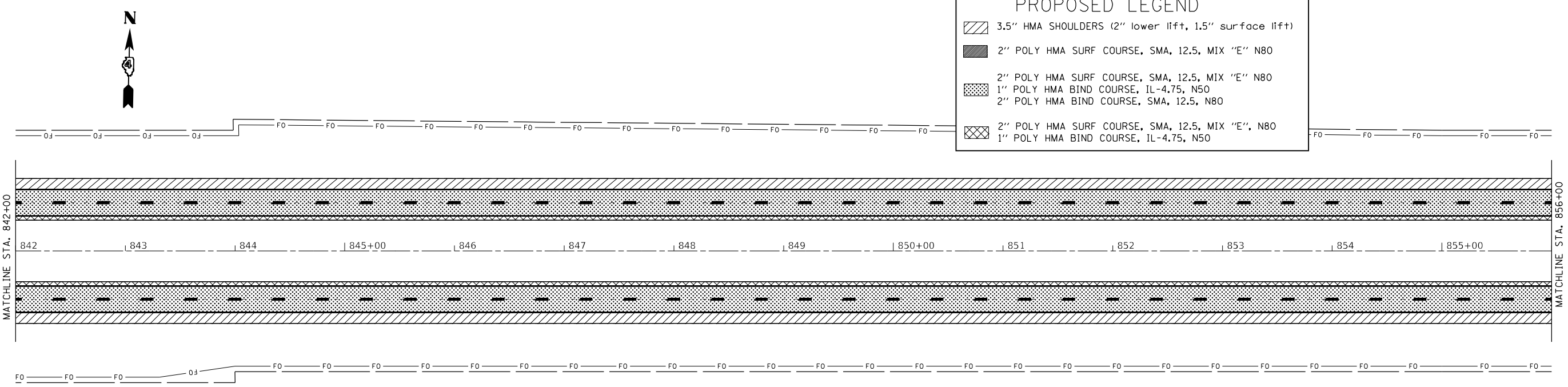
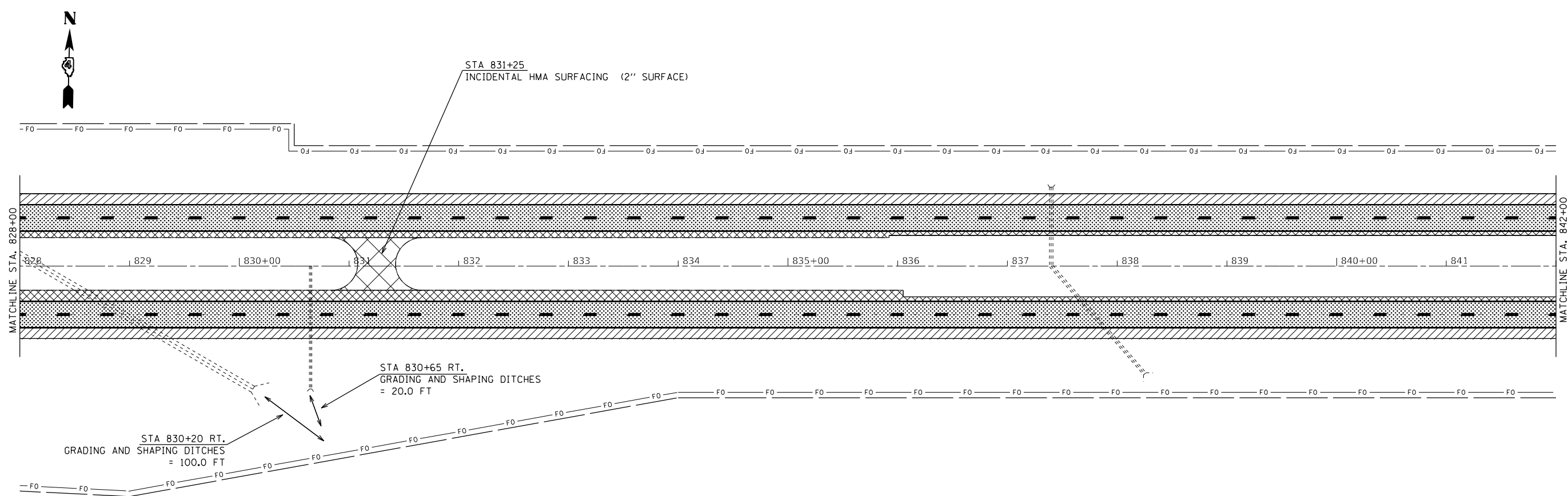
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| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEETS

SCALE: 1" = 50' SHEET 7 OF 13 SHEETS STA. 800+00 TO STA. 828+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 37 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| PROPOSED LEGEND | |
|-----------------|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |
| | 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |



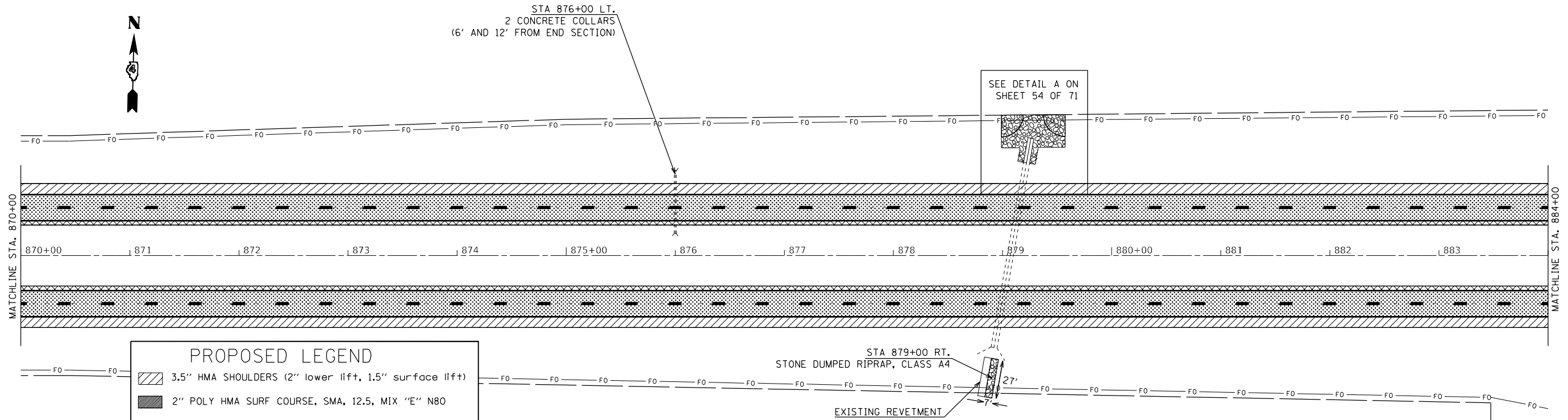
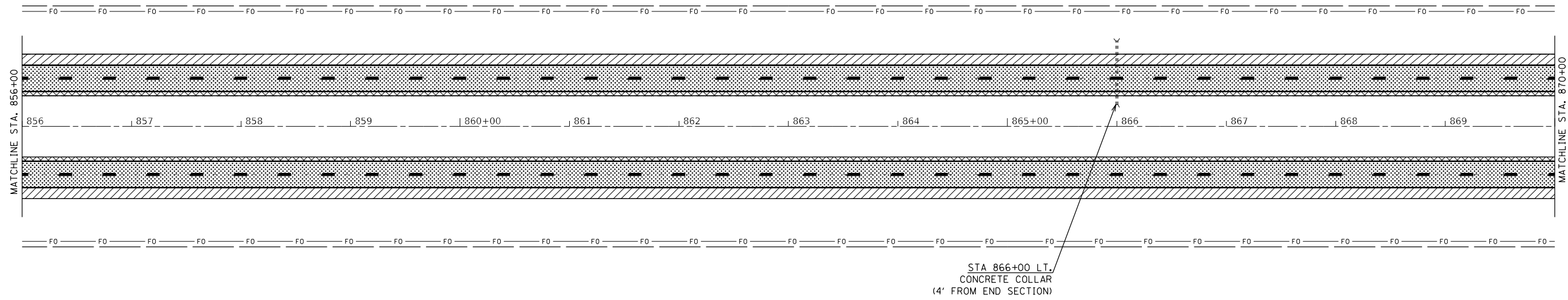
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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

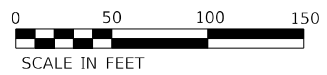
| PROPOSED PLAN SHEETS | | | |
|----------------------|---------|--------------|----------------------------|
| SCALE: 1" = 50' | SHEET 8 | OF 13 SHEETS | STA. 828+00 TO STA. 856+00 |

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 38 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



PROPOSED LEGEND

| | |
|--|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |
| | 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |



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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
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| | DATE - | REVISED - |

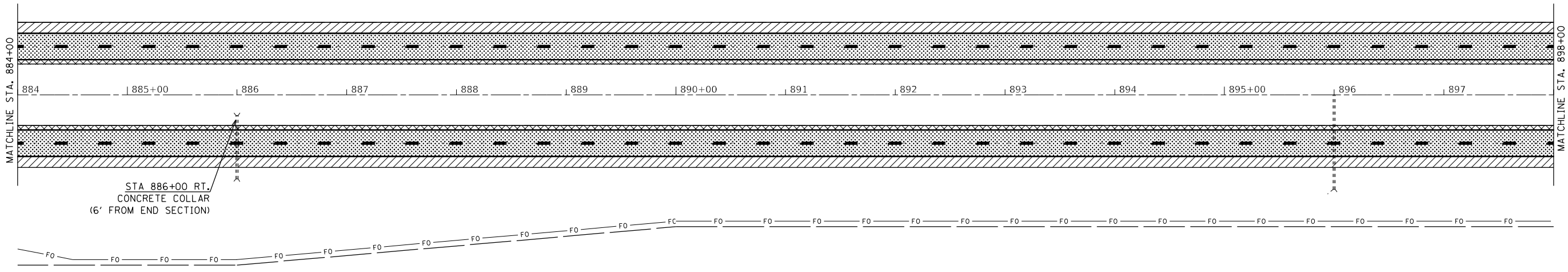
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| PROPOSED PLAN SHEETS | | | |
|----------------------|---------|--------------|----------------------------|
| SCALE: 1" = 50' | SHEET 9 | OF 13 SHEETS | STA. 856+00 TO STA. 884+00 |

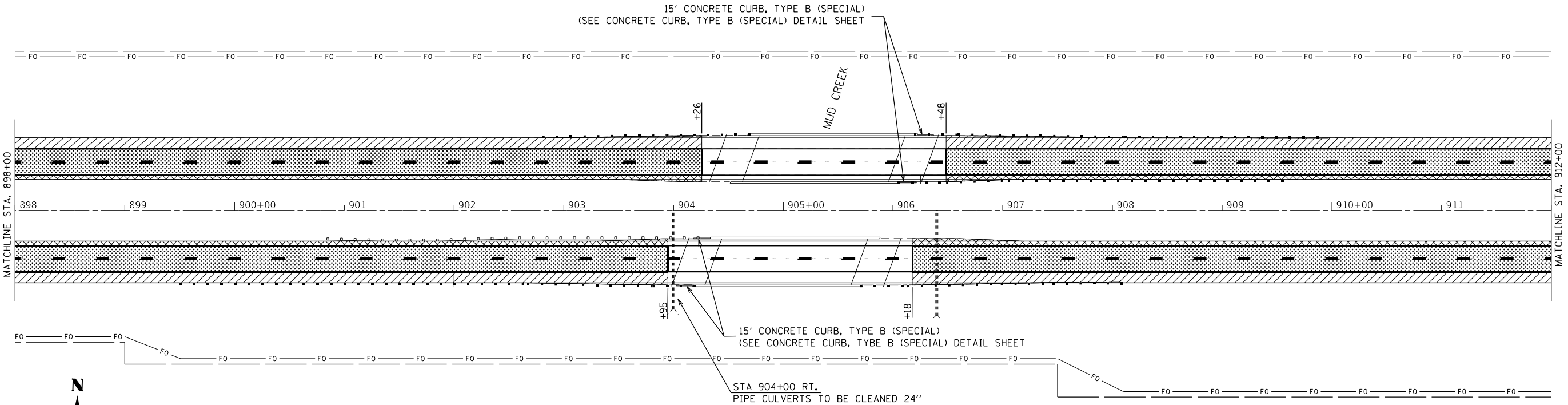
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 39 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| PROPOSED LEGEND | |
|-----------------|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 1" POLY HMA BIND COURSE, IL-4.75, N50 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 1" POLY HMA BIND COURSE, IL-4.75, N50 |



STA 886+00 RT.
CONCRETE COLLAR
(6' FROM END SECTION)



15' CONCRETE CURB, TYPE B (SPECIAL)
(SEE CONCRETE CURB, TYPE B (SPECIAL) DETAIL SHEET)

15' CONCRETE CURB, TYPE B (SPECIAL)
(SEE CONCRETE CURB, TYPE B (SPECIAL) DETAIL SHEET)

STA 904+00 RT.
PIPE CULVERTS TO BE CLEANED 24"



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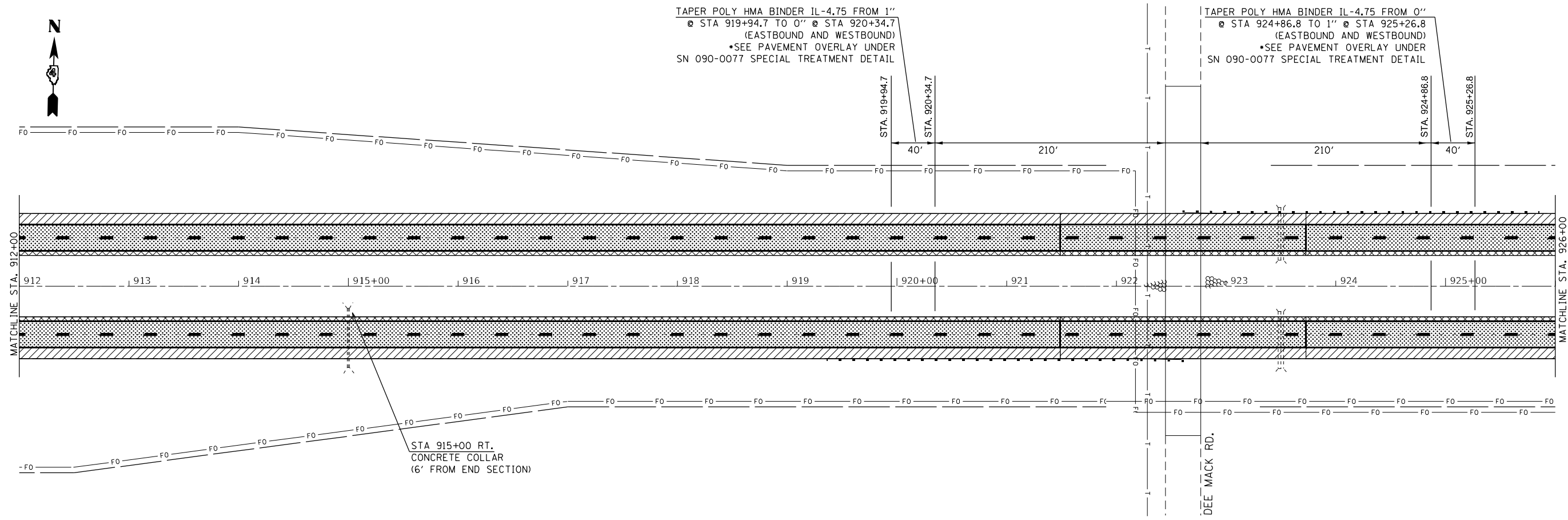
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| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEETS

SCALE: 1" = 50' SHEET 10 OF 13 SHEETS STA. 884+00 TO STA. 912+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 40 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

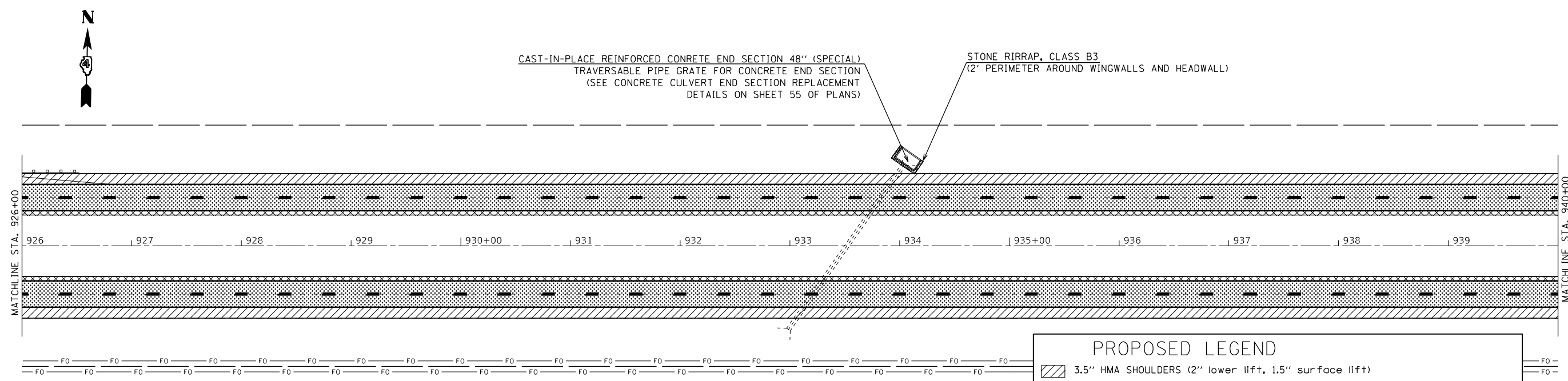


TAPER POLY HMA BINDER IL-4.75 FROM 1"
 @ STA 919+94.7 TO 0" @ STA 920+34.7
 (EASTBOUND AND WESTBOUND)
 *SEE PAVEMENT OVERLAY UNDER
 SN 090-0077 SPECIAL TREATMENT DETAIL

TAPER POLY HMA BINDER IL-4.75 FROM 0"
 @ STA 924+86.8 TO 1" @ STA 925+26.8
 (EASTBOUND AND WESTBOUND)
 *SEE PAVEMENT OVERLAY UNDER
 SN 090-0077 SPECIAL TREATMENT DETAIL

STA 915+00 RT.
 CONCRETE COLLAR
 (6' FROM END SECTION)

DEE MACK RD.



CAST-IN-PLACE REINFORCED CONCRETE END SECTION 48" (SPECIAL)
 TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION
 (SEE CONCRETE CULVERT END SECTION REPLACEMENT
 DETAILS ON SHEET 55 OF PLANS)

STONE RIRRAP, CLASS B3
 (2' PERIMETER AROUND WINGWALLS AND HEADWALL)

| PROPOSED LEGEND | |
|-----------------|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |
| | 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |



| | | |
|-----------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

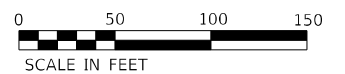
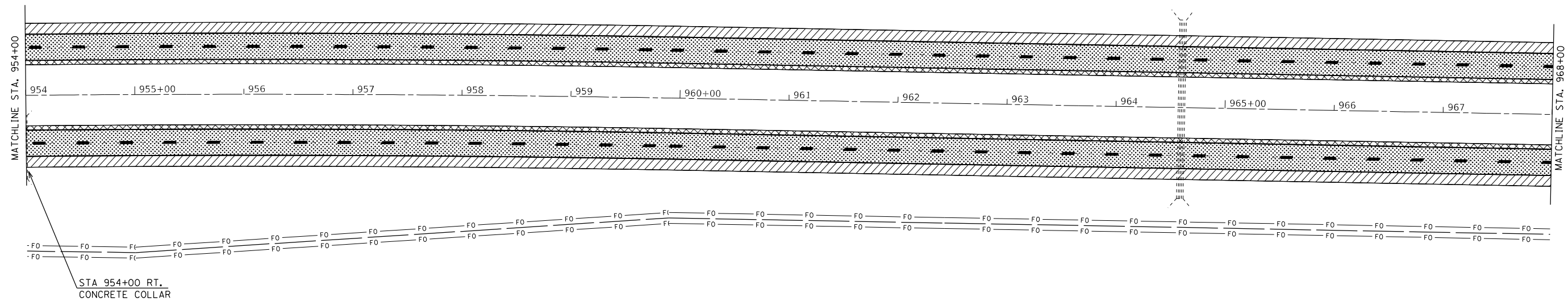
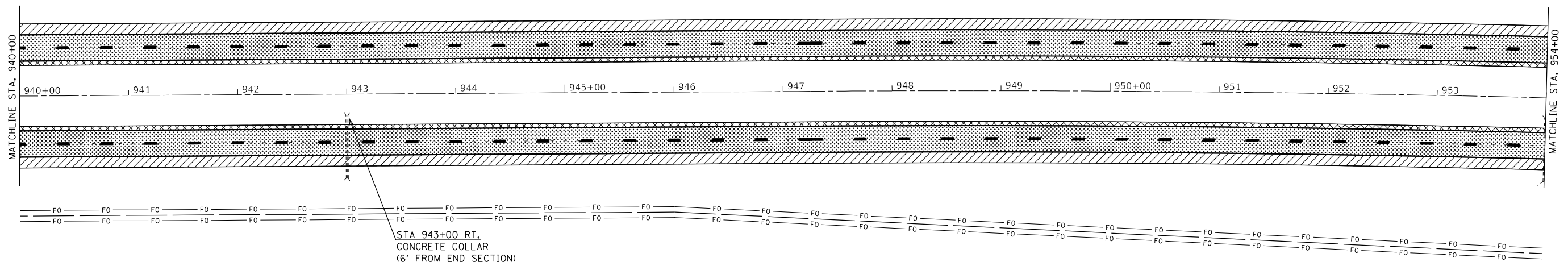
| PROPOSED PLAN SHEETS | | | |
|----------------------|----------|--------------|----------------------------|
| SCALE: 1" = 50' | SHEET 11 | OF 13 SHEETS | STA. 912+00 TO STA. 940+00 |

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 41 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

MODEL: Default
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| PROPOSED LEGEND | |
|-----------------|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |
| | 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 |
| | 1" POLY HMA BIND COURSE, IL-4.75, N50 |



MODEL: Default
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 PROJECT: 68F11

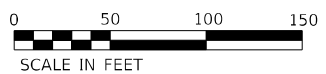
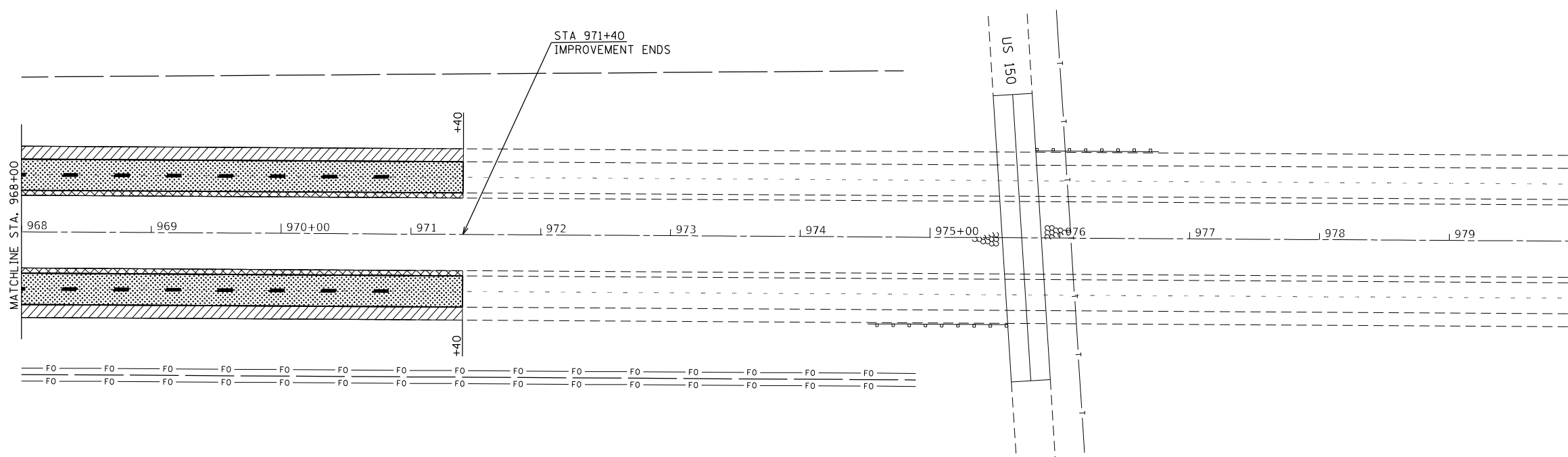
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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN SHEETS

SCALE: 1" = 50' SHEET 12 OF 13 SHEETS STA. 940+00 TO STA. 968+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 42 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| PROPOSED LEGEND | |
|-----------------|---|
| | 3.5" HMA SHOULDERS (2" lower lift, 1.5" surface lift) |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E" N80 1" POLY HMA BIND COURSE, IL-4.75, N50 2" POLY HMA BIND COURSE, SMA, 12.5, N80 |
| | 2" POLY HMA SURF COURSE, SMA, 12.5, MIX "E", N80 1" POLY HMA BIND COURSE, IL-4.75, N50 |

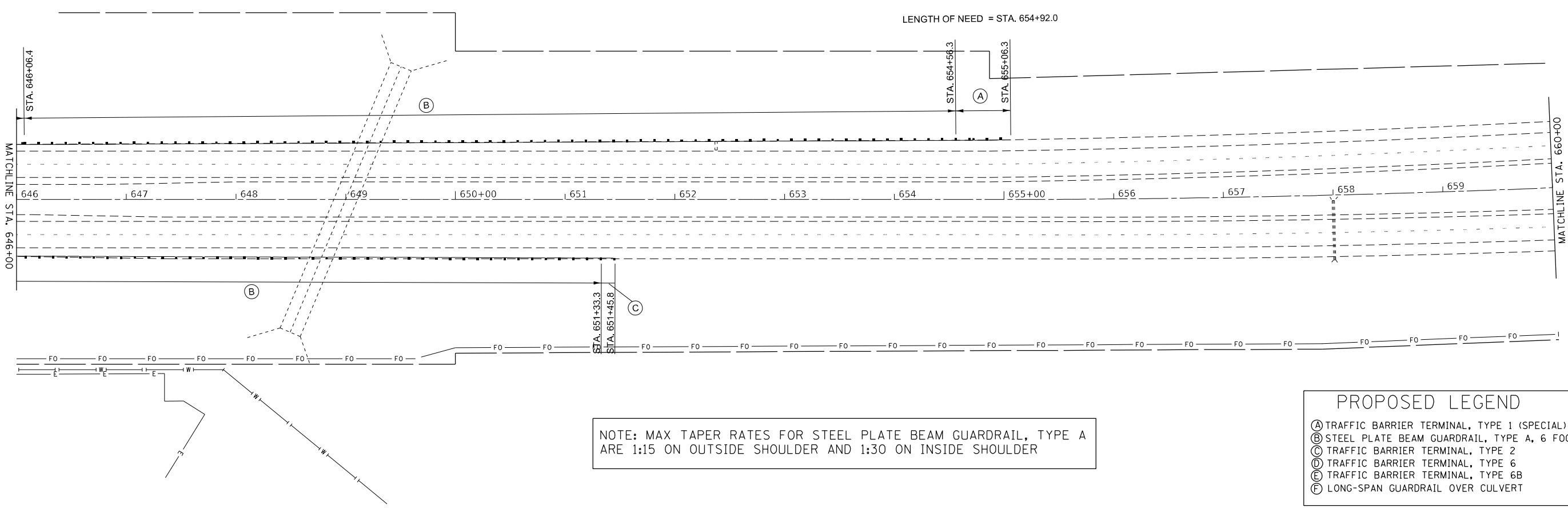
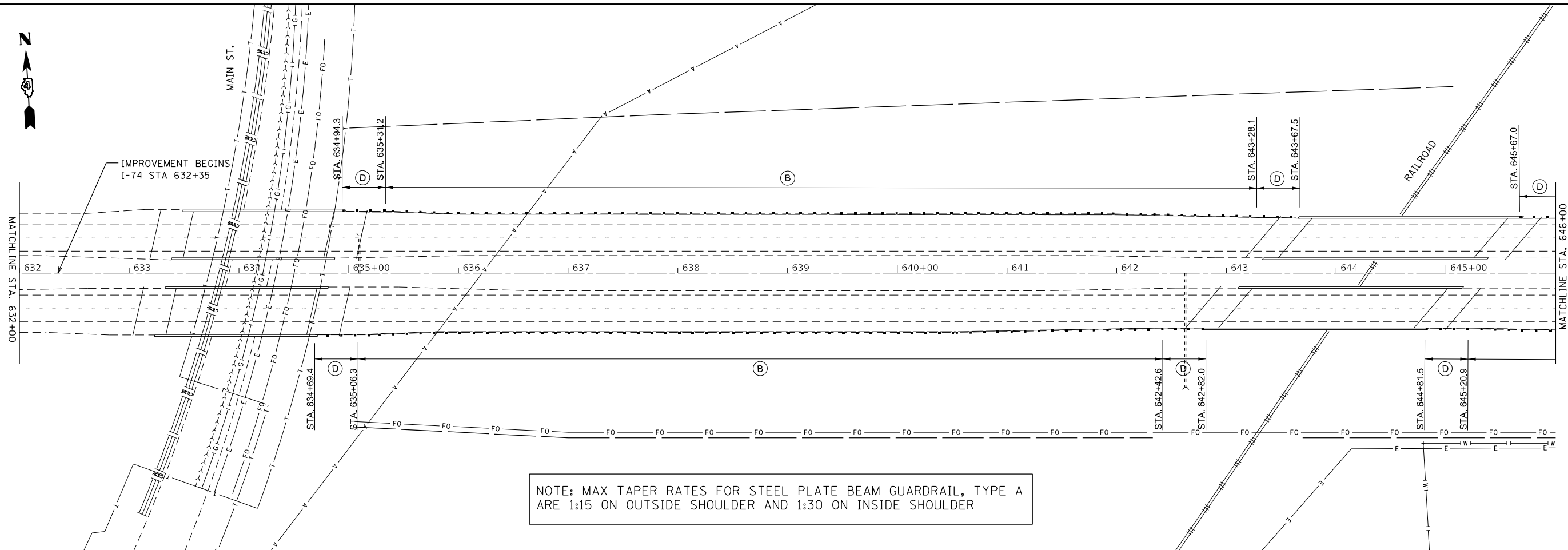
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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| PROPOSED PLAN SHEETS | | | |
|----------------------|----------|--------------|----------------------------|
| SCALE: 1" = 50' | SHEET 13 | OF 13 SHEETS | STA. 968+00 TO STA. 971+40 |

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 43 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



PROPOSED LEGEND

- (A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (B) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (C) TRAFFIC BARRIER TERMINAL, TYPE 2
- (D) TRAFFIC BARRIER TERMINAL, TYPE 6
- (E) TRAFFIC BARRIER TERMINAL, TYPE 6B
- (F) LONG-SPAN GUARDRAIL OVER CULVERT

MODEL: Default
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 PROJECT: ID4_68F11

| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

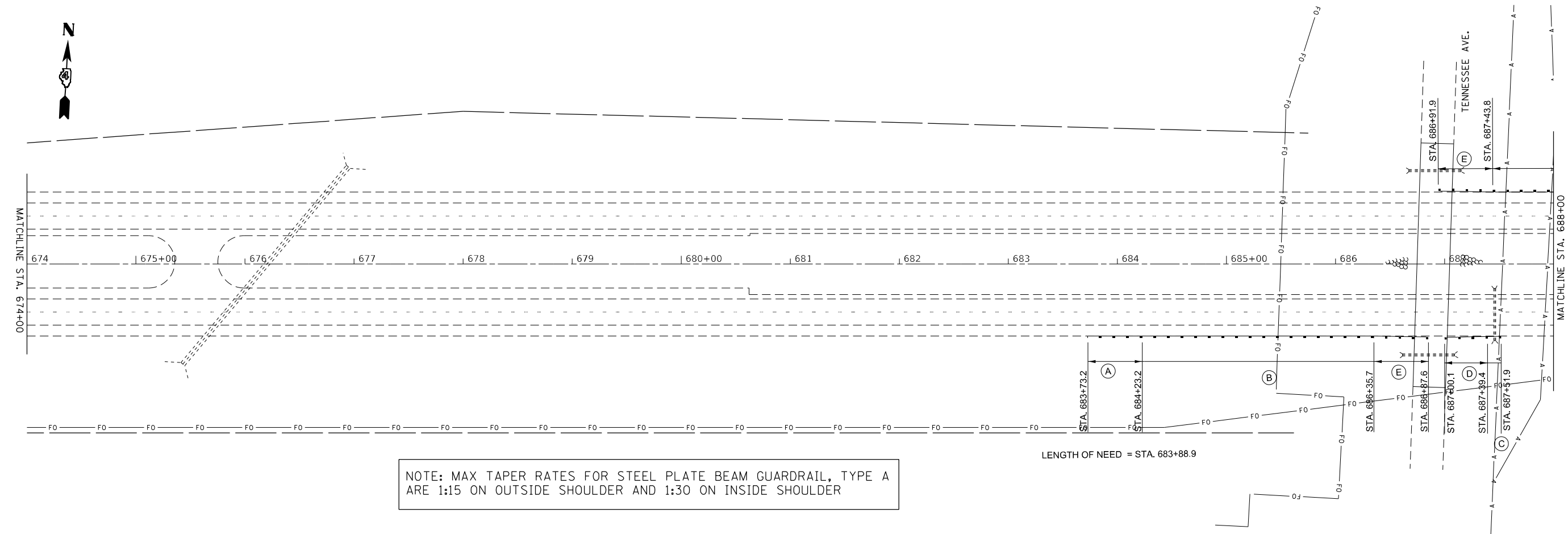
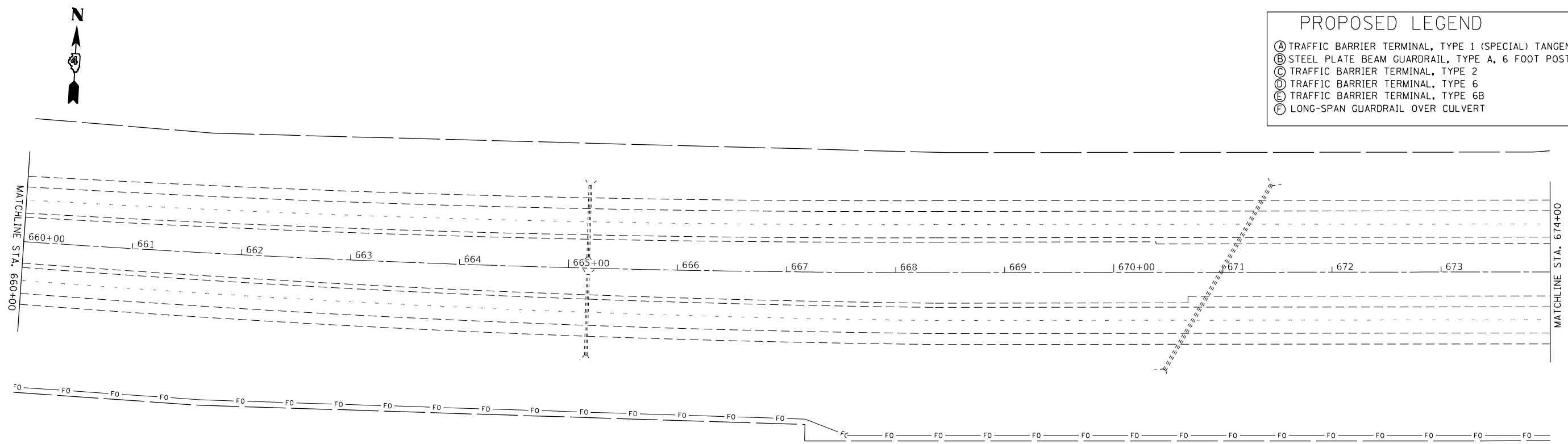
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED GUARDRAIL SHEETS

SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. 632+00 TO STA. 660+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------------|----------|---------------------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 44 |
| | | | CONTRACT NO. 68F11 | |
| | | | ILLINOIS FED. AID PROJECT | |

| PROPOSED LEGEND | |
|-----------------|--|
| (A) | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT |
| (B) | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS |
| (C) | TRAFFIC BARRIER TERMINAL, TYPE 2 |
| (D) | TRAFFIC BARRIER TERMINAL, TYPE 6 |
| (E) | TRAFFIC BARRIER TERMINAL, TYPE 6B |
| (F) | LONG-SPAN GUARDRAIL OVER CULVERT |



NOTE: MAX TAPER RATES FOR STEEL PLATE BEAM GUARDRAIL, TYPE A ARE 1:15 ON OUTSIDE SHOULDER AND 1:30 ON INSIDE SHOULDER

LENGTH OF NEED = STA. 683+88.9

MODEL: Default
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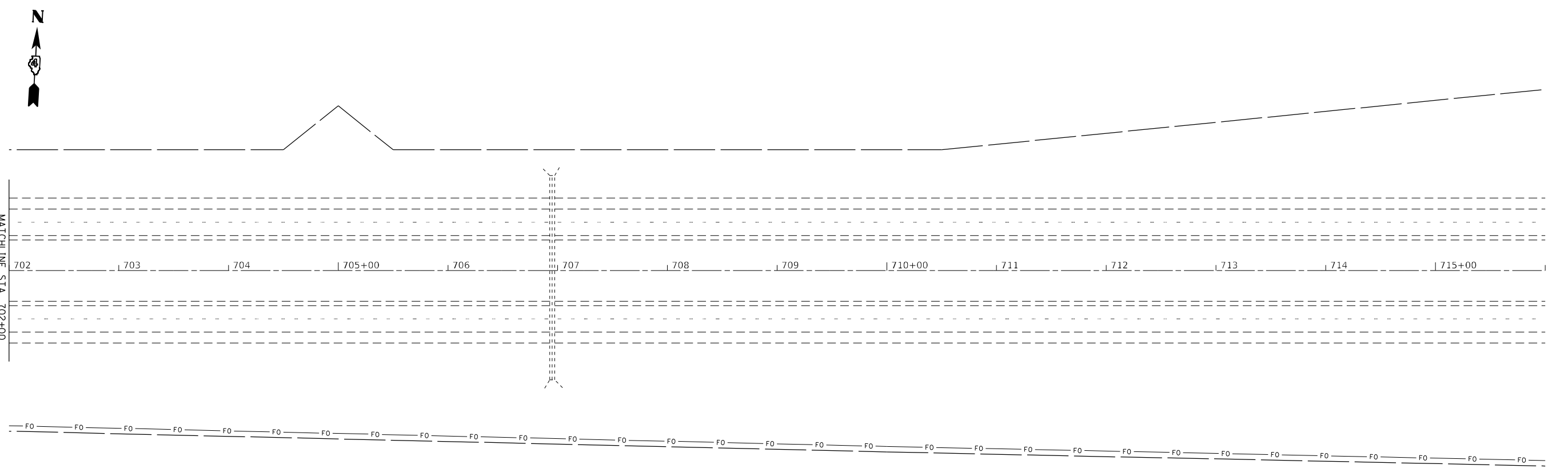
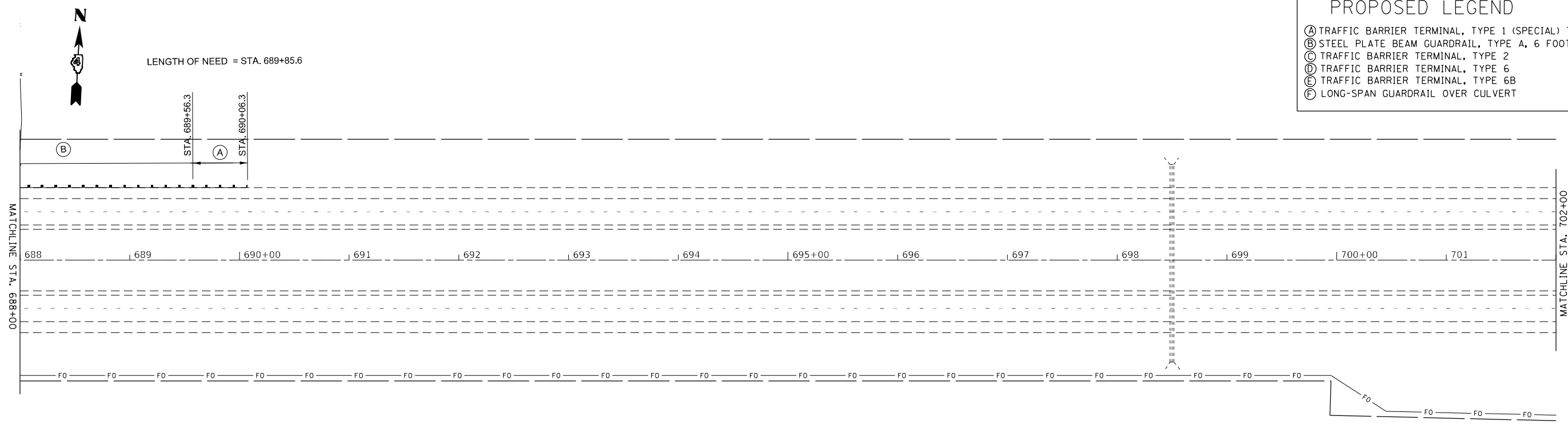
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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| PROPOSED GUARDRAIL SHEETS | | | |
|---------------------------|---------|-------------|----------------------------|
| SCALE: 1" = 50' | SHEET 2 | OF 6 SHEETS | STA. 660+00 TO STA. 688+00 |

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 45 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| PROPOSED LEGEND | |
|-----------------|--|
| (A) | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT |
| (B) | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS |
| (C) | TRAFFIC BARRIER TERMINAL, TYPE 2 |
| (D) | TRAFFIC BARRIER TERMINAL, TYPE 6 |
| (E) | TRAFFIC BARRIER TERMINAL, TYPE 6B |
| (F) | LONG-SPAN GUARDRAIL OVER CULVERT |



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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/20/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

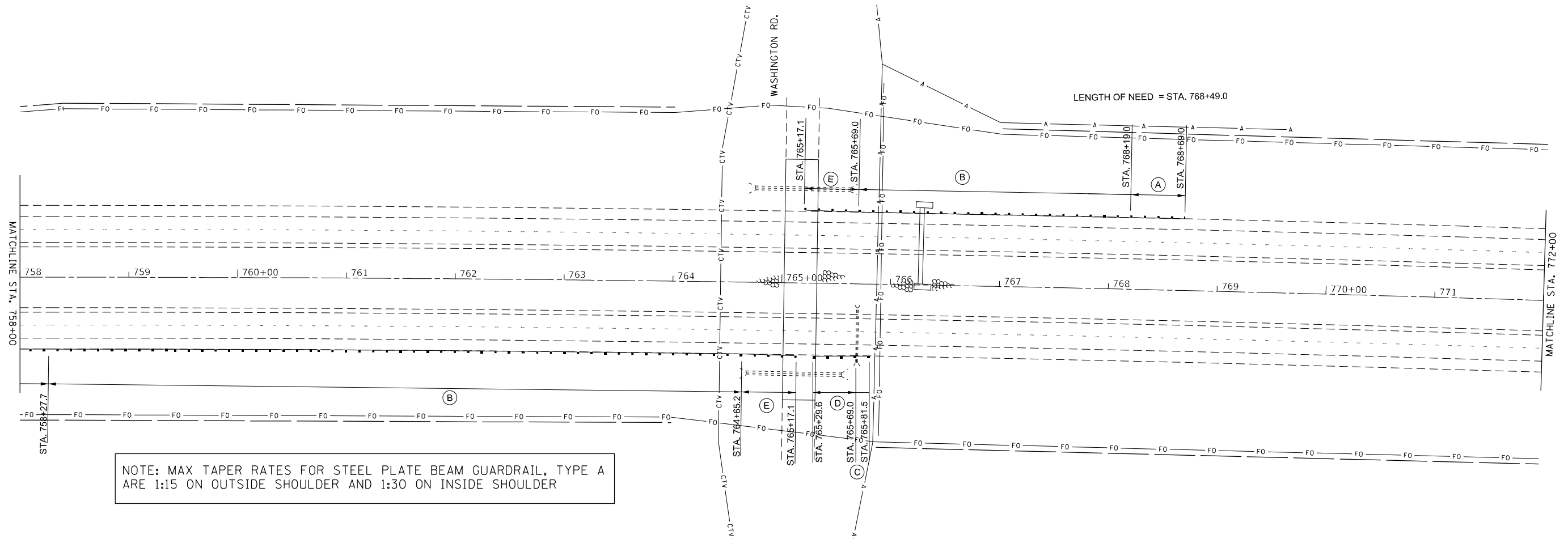
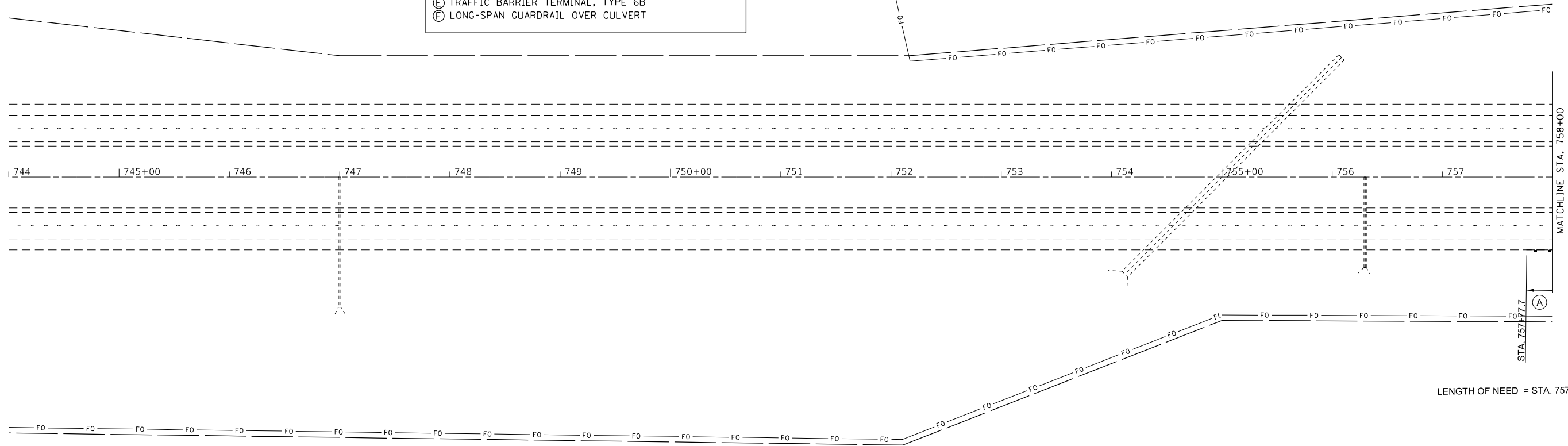
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| PROPOSED GUARDRAIL SHEETS | | | |
|---------------------------|---------|-------------|----------------------------|
| SCALE: 1" = 50' | SHEET 3 | OF 6 SHEETS | STA. 688+00 TO STA. 716+00 |

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 46 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



- PROPOSED LEGEND**
- (A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - (B) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - (C) TRAFFIC BARRIER TERMINAL, TYPE 2
 - (D) TRAFFIC BARRIER TERMINAL, TYPE 6
 - (E) TRAFFIC BARRIER TERMINAL, TYPE 6B
 - (F) LONG-SPAN GUARDRAIL OVER CULVERT



MODEL: Default
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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

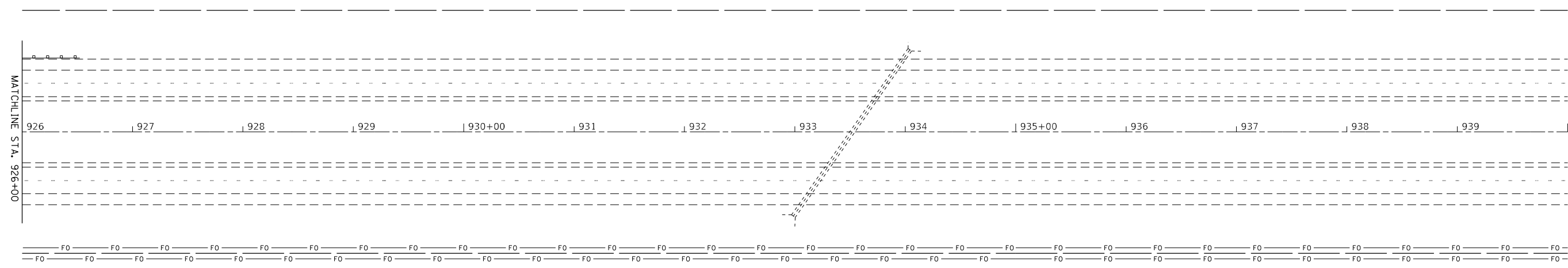
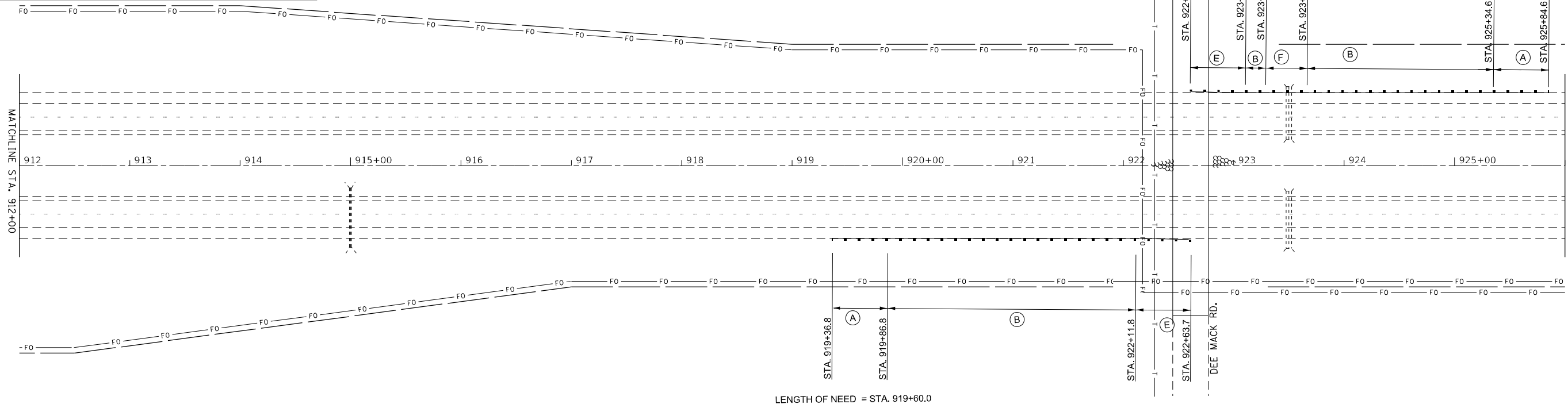
| | | | |
|----------------------------------|-------------|----------------|--------|
| PROPOSED GUARDRAIL SHEETS | | | |
| SCALE: 1" = 50' | SHEET 4 | OF 6 | SHEETS |
| | STA. 744+00 | TO STA. 772+00 | |

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 47 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

PROPOSED LEGEND

- (A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (B) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (C) TRAFFIC BARRIER TERMINAL, TYPE 2
- (D) TRAFFIC BARRIER TERMINAL, TYPE 6
- (E) TRAFFIC BARRIER TERMINAL, TYPE 6B
- (F) LONG-SPAN GUARDRAIL OVER CULVERT

NOTE: MAX TAPER RATES FOR STEEL PLATE BEAM GUARDRAIL, TYPE A ARE 1:15 ON OUTSIDE SHOULDER AND 1:30 ON INSIDE SHOULDER



MODEL: Default
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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| DRAWN - | REVISED - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED GUARDRAIL SHEETS

SCALE: 1" = 50' SHEET 6 OF 6 SHEETS STA. 912+00 TO STA. 940+00

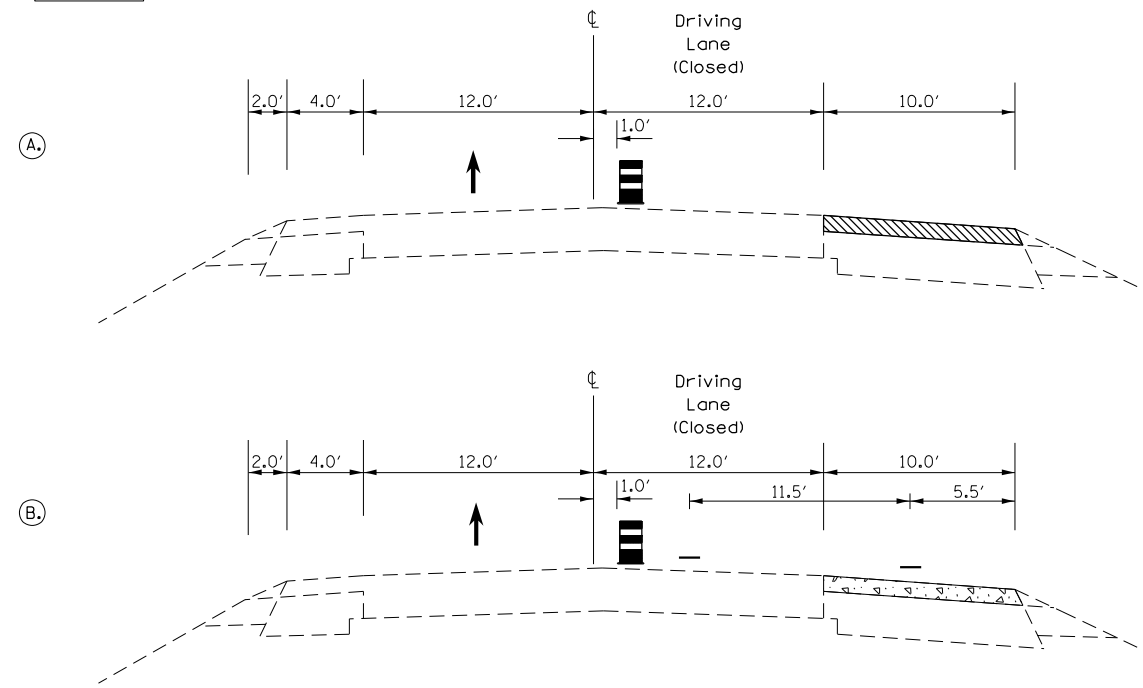
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|-------------------|----------|------------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 49 |
| CONTRACT NO. 68F11 | | | | |
| | | ILLINOIS | FED. AID PROJECT | |

ONE DIRECTION OF I-74 IS DETAILED. THE TREATMENT IS THE SAME FOR BOTH DIRECTIONS. VARIANCE FROM THESE DETAILS SHALL REQUIRE THE APPROVAL OF THE ENGINEER.

TRAFFIC CONTROL

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428.

PRE-STAGE



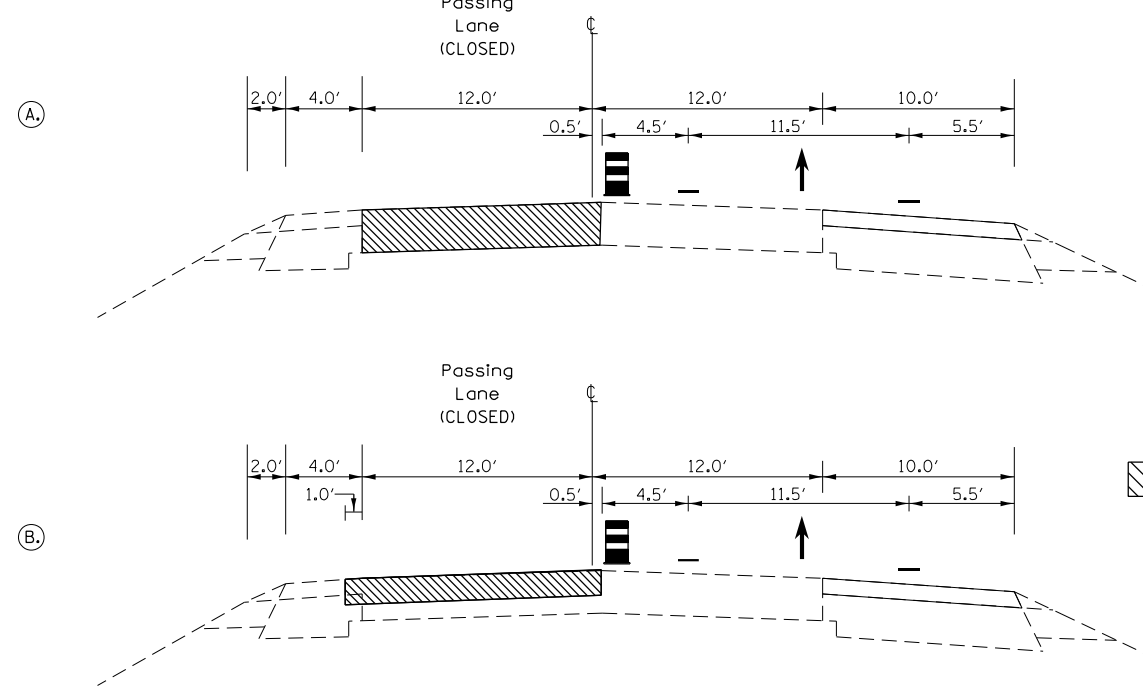
HMA SURFACE REMOVAL, 2" on outside shoulder

NOTE: SHORT TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS SHALL BE A TAPE WHERE PLACED ON THE FINAL WEARING SURFACE, UNLESS THEY ARE IN THE SAME LOCATION AS THE PERMANENT PAVEMENT MARKINGS AND WILL BE REMOVED WITH GROOVING FOR RECESSED PAVEMENT MARKINGS.

Place bottom 2" lift of HMA SHOULDERS on outside shoulder

TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT

STAGE 1



Complete pavement patching in the passing lane.

HMA SURFACE REMOVAL, 4" on passing lane, extending 6" into driving lane and 1' into inside shoulder

TRAFFIC CONTROL

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428

NOT TO SCALE

MODEL: Default
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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| PLOT SCALE = 100,000 * / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/21/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

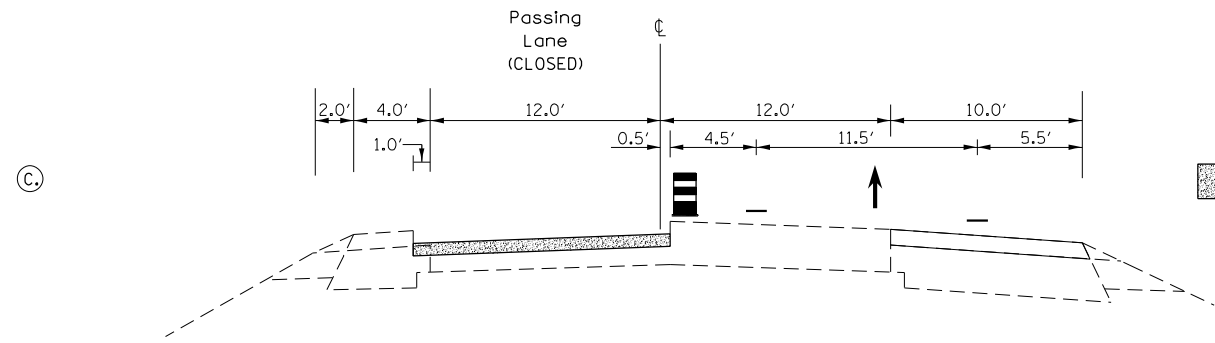
STAGING DETAILS AND PAVING SEQUENCE

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

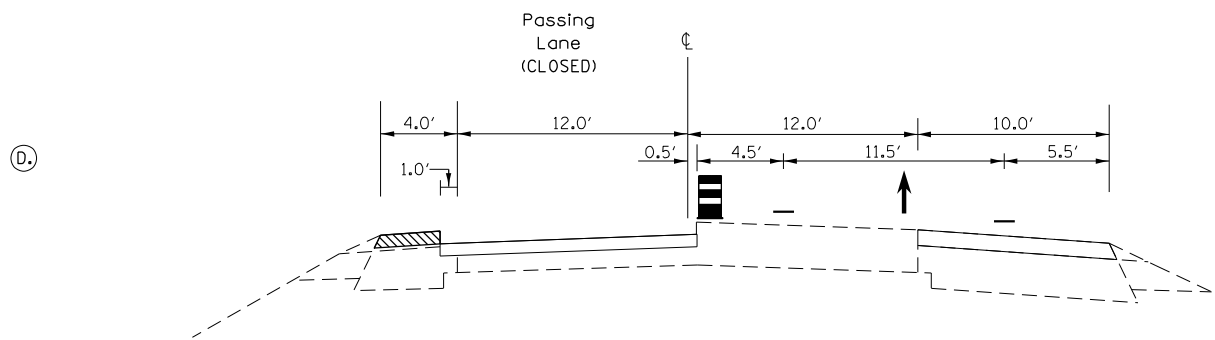
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 50 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

STAGE 1 CONTINUED

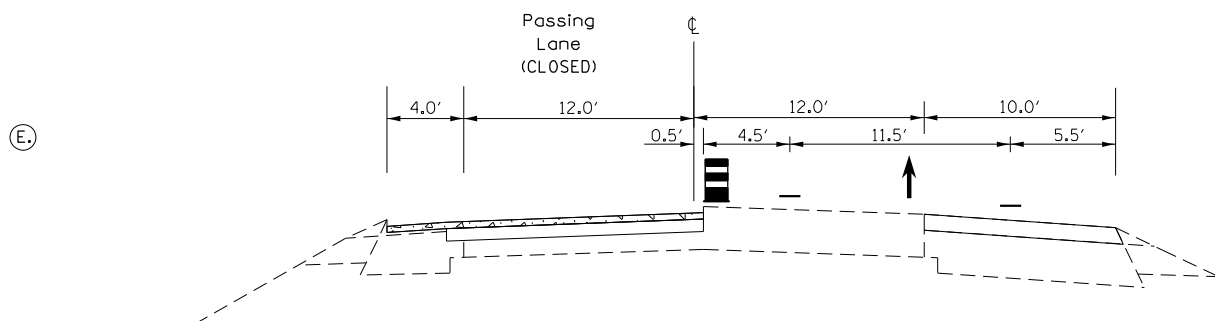
NOTE: SHORT TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS SHALL BE A TAPE WHERE PLACED ON THE FINAL WEARING SURFACE, UNLESS THEY ARE IN THE SAME LOCATION AS THE PERMANENT PAVEMENT MARKINGS AND WILL BE REMOVED WITH GROOVING FOR RECESSED PAVEMENT MARKINGS.



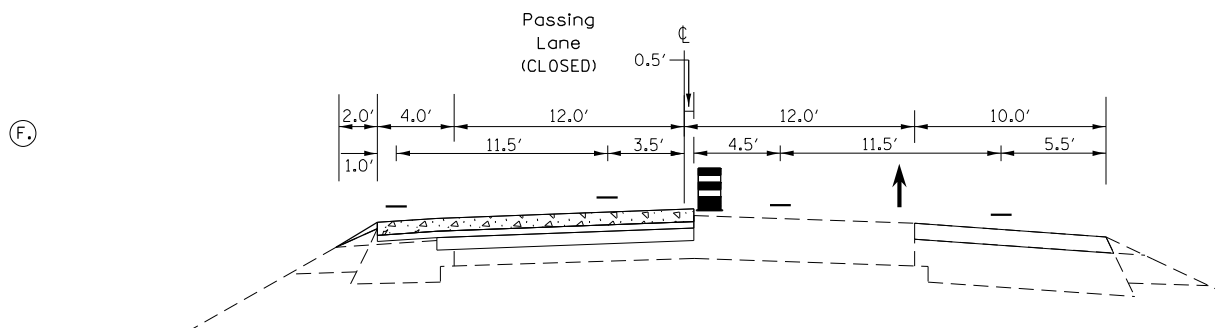
Place 2" of POLYMERIZED HMA BINDER COURSE, SMA 12.5, N80 on the passing lane, extending 6" into driving lane and 1' into inside shoulder



HMA SURFACE REMOVAL, 2" on inside shoulder, 3' wide



Place 1" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 on passing lane, Extending 6" into driving lane, and on the inside shoulder (monolithic)



Place 2" POLYMERIZED HMA SURFACE COURSE, SMA, 12.5, MIX "E", N80 on passing lane, extending 6" into driving lane, and on the inside shoulder (monolithic)

Place AGGREGATE WEDGE SHOULDER, TYPE B

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE

NOT TO SCALE

MODEL: Default
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| | | |
|-----------------------------|------------|------------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| DRAWN - | REVISOR - | REVISION - |
| PLOT SCALE = 100,000 */ in. | CHECKED - | REVISOR - |
| PLOT DATE = 10/21/2021 | DATE - | REVISION - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGING DETAILS AND PAVING SEQUENCE

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

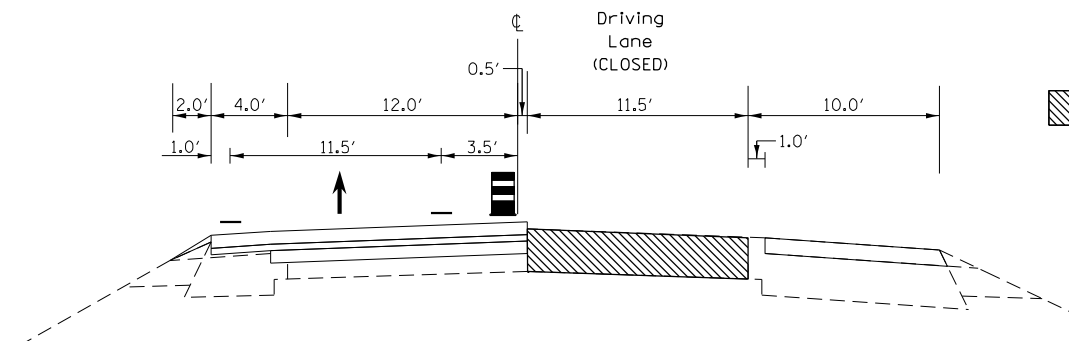
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 51 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

STAGE 2

TRAFFIC CONTROL

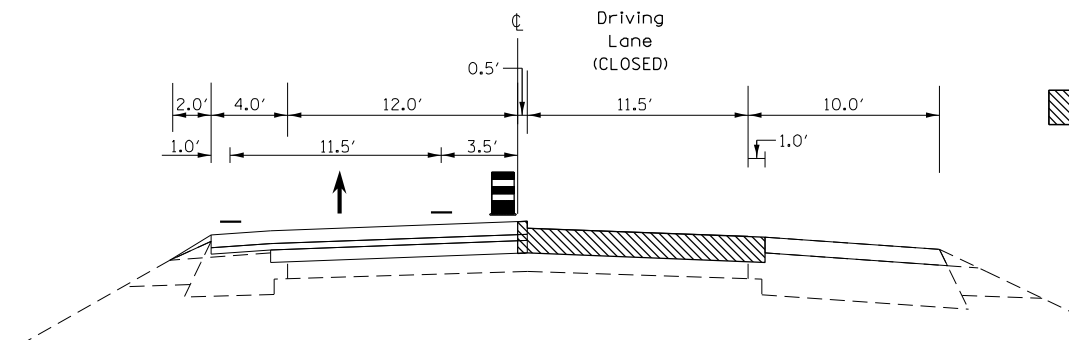
Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701428.

A.



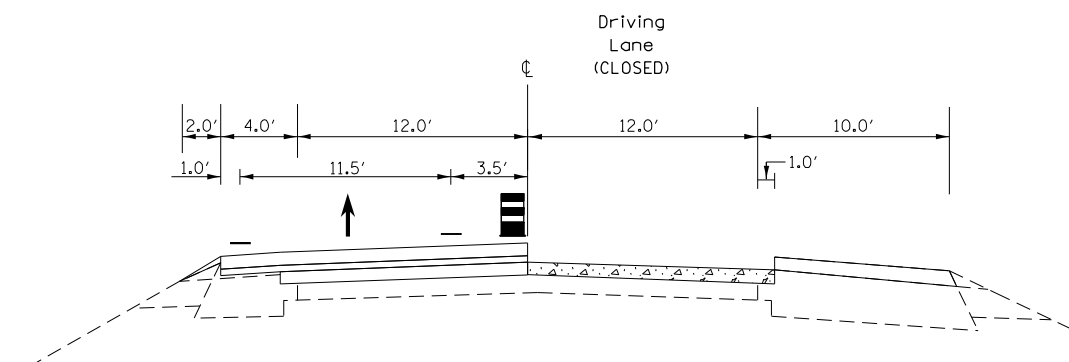
Complete pavement patching in the driving lane.

B.



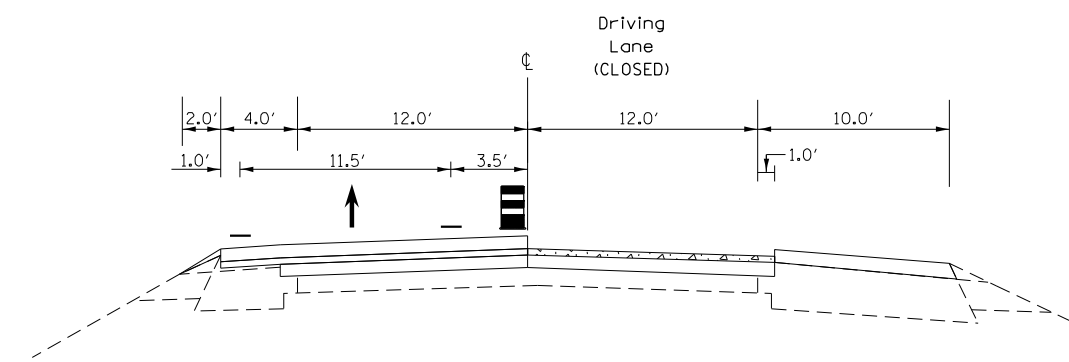
HMA SURFACE REMOVAL, 4" on driving lane; Removal extends 1' into outside shoulder. Removal of 6" overhang from Stage 1 overlay will be paid for as HMA SURFACE REMOVAL, 4" Removal of 6" overhang shall not be completed the same day it was paved.

C.



Place 2" of POLYMERIZED HMA BINDER COURSE, SMA 12.5, N80 on the driving lane, extending 1' into outside shoulder

D.



Place 1" of POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 on the driving lane, extending 1' into outside shoulder

NOTE: SHORT TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS SHALL BE A TAPE WHERE PLACED ON THE FINAL WEARING SURFACE, UNLESS THEY ARE IN THE SAME LOCATION AS THE PERMANENT PAVEMENT MARKINGS AND WILL BE REMOVED WITH GROOVING FOR RECESSED PAVEMENT MARKINGS.

NOT TO SCALE

MODEL: Default
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| | | |
|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/21/2021 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAILS AND PAVING SEQUENCE

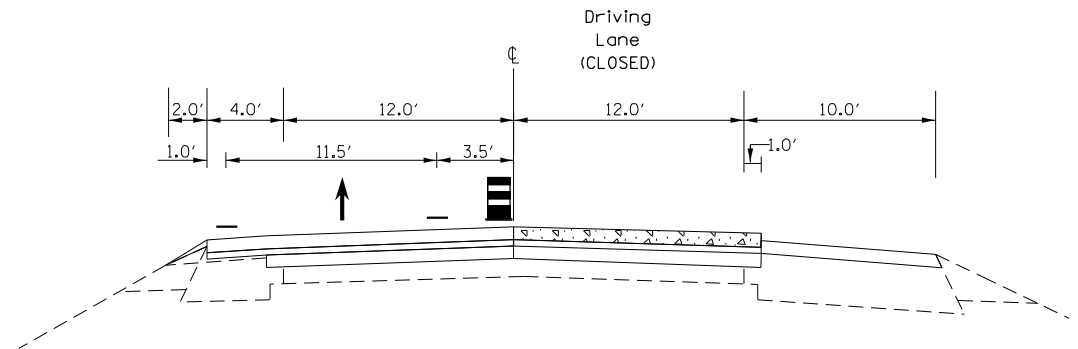
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 52 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

STAGE 2 CONTINUED

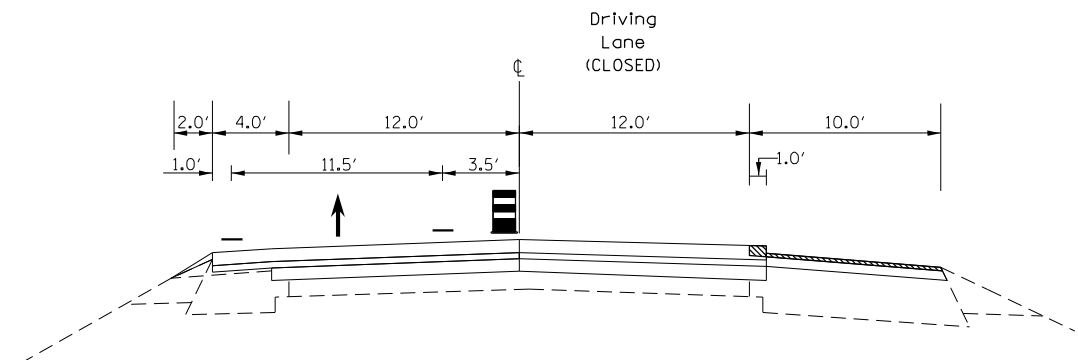
NOTE: SHORT TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS SHALL BE A TAPE WHERE PLACED ON THE FINAL WEARING SURFACE, UNLESS THEY ARE IN THE SAME LOCATION AS THE PERMANENT PAVEMENT MARKINGS AND WILL BE REMOVED WITH GROOVING FOR RECESSED PAVEMENT MARKINGS.

E.



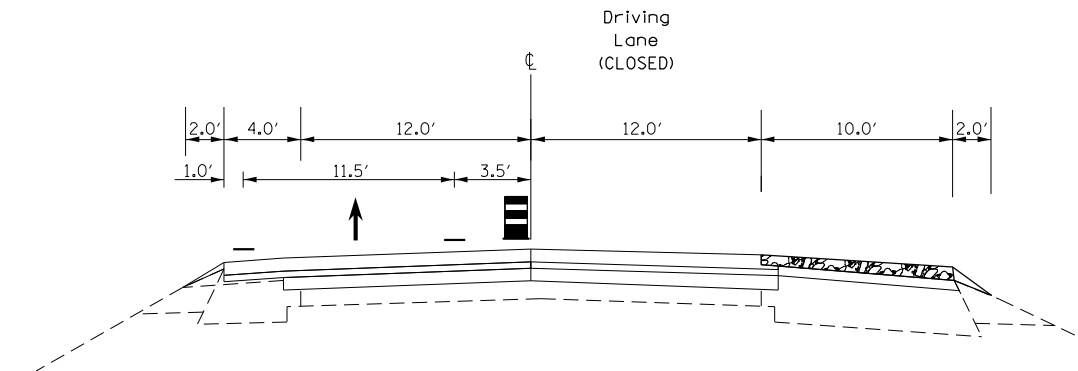
Place 2" of POLYMERIZED HMA SURFACE COURSE, SMA, 12.5, MIX "E", N80 on the driving lane, extending 1' onto outside shoulder

F.



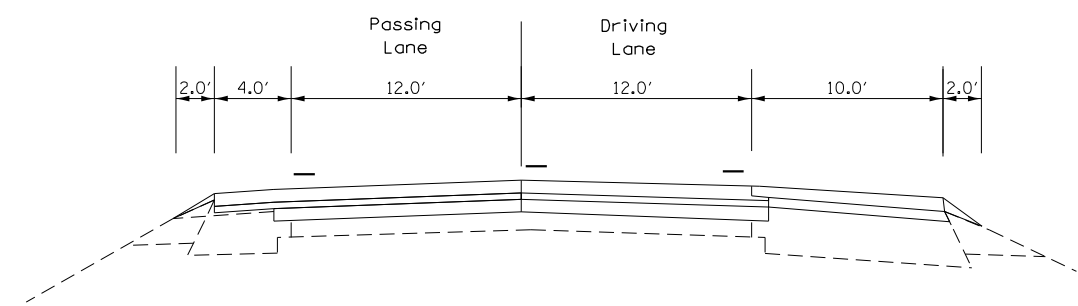
HMA SURFACE REMOVAL, 1/2" on outside shoulder. Removal of 1.0' overhang from driving lane will be paid for as HMA SURFACE REMOVAL, 1/2". Removal of 1.0' overhang shall not be completed the same day it was paved.

G.



Place top 1.5" of HMA SHOULDERS on outside shoulder
Place aggregate shoulder wedge

STAGE 3



Install pavement markings and RPMs

TRAFFIC CONTROL

Complete this work utilizing Traffic Control and Protection Standards 701400, 701401, & 701426, and 701428.

NOT TO SCALE

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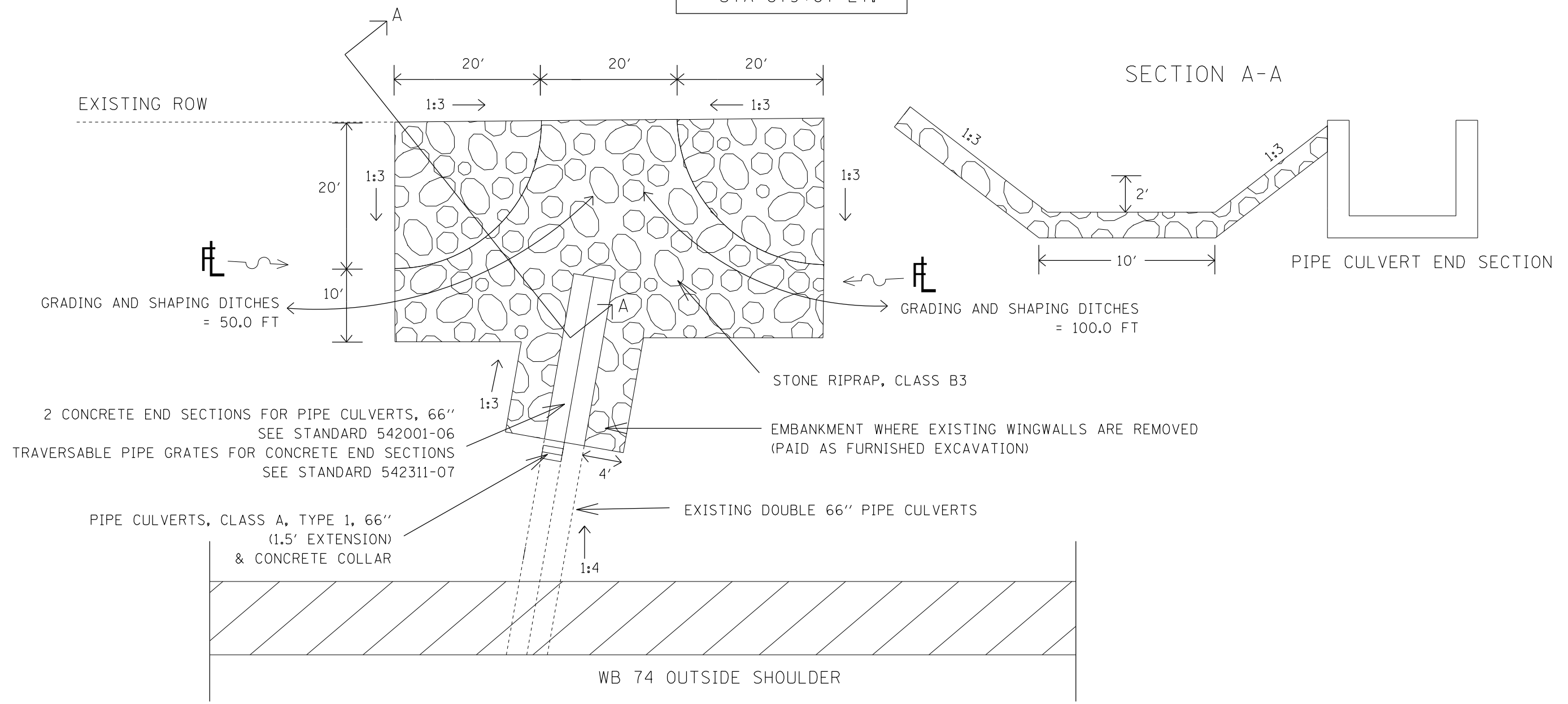
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| PLOT SCALE = 100,000 * / in. | DRAWN - | REVISED - |
| PLOT DATE = 10/21/2021 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|-------------------------------------|---------|------|---------|
| STAGING DETAILS AND PAVING SEQUENCE | | | |
| SCALE: | SHEET 4 | OF 4 | SHEETS |
| | STA. | | TO STA. |

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 53 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

DETAIL A
STA 879+07 LT.



NOTES:

1. EXTEND EAST CULVERT 18" TO MAKE THE END FLUSH WITH THE WEST CULVERT AND CONSTRUCT CONCRETE COLLAR (SEE PIPE CULVERT EXTENSION COLLAR DETAIL SHEET)
2. CONCRETE REMOVAL OF EXISTING HEADWALL AND WINGWALLS
3. EXISTING RIPRAP SHALL BE INCORPORATED INTO GRADING AND SHAPING DITCHES AND PROPOSED RIPRAP
4. INLET AND PIPE PROTECTION TO BE USED FOR EROSION CONTROL
5. DIMENSIONS MAY VARY IN FIELD
6. ANCHOR RODS NOT REQUIRED ON JOINTS BETWEEN TWO PROPOSED END SECTIONS

*DRAWING NOT TO SCALE

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|------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

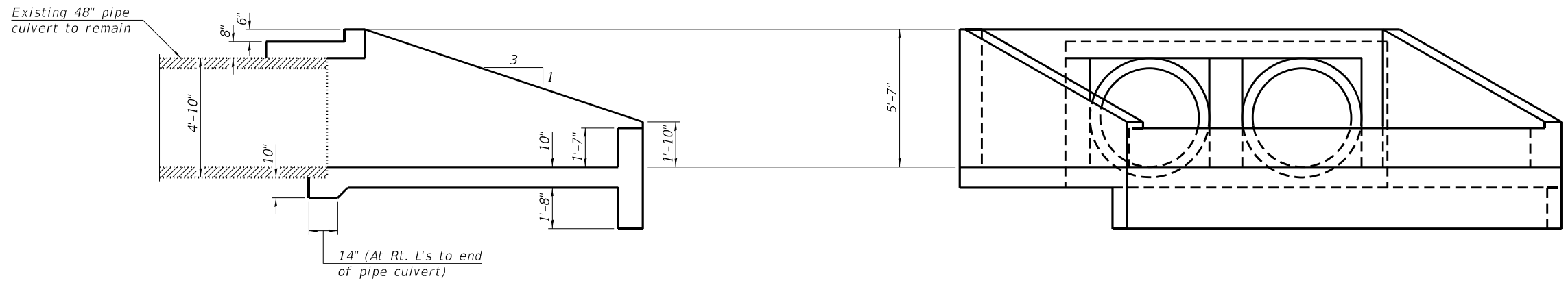
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STA 934+00 CULVERT EXTENSION DETAIL A

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

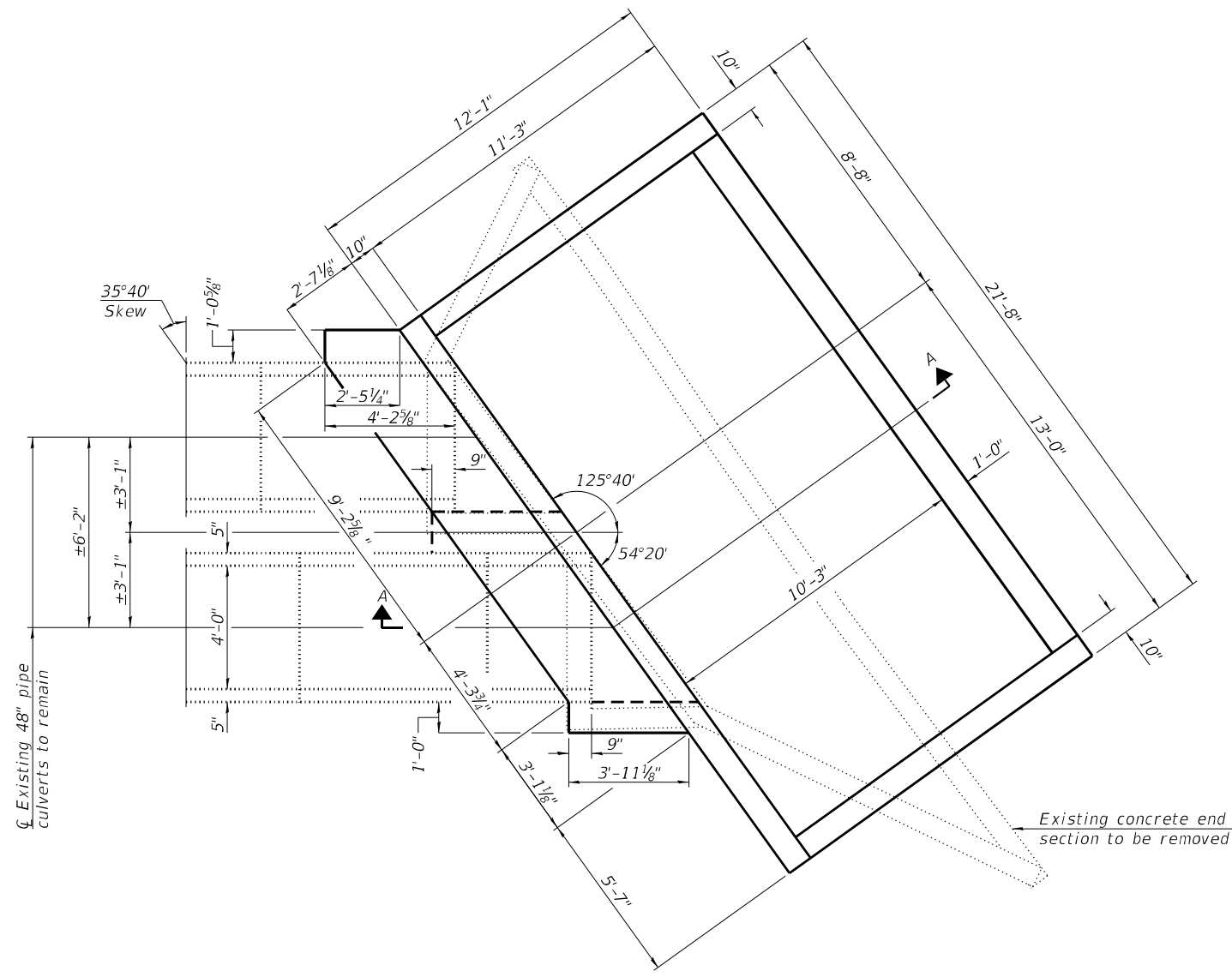
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 54 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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SECTION A-A

END VIEW



PLAN VIEW

(Welded wire reinforcement and traversable grates not shown for clarity)

GENERAL NOTES

See roadway plans for location of the existing concrete end section with traversable grates to be removed.
 Salvage of the existing concrete end section and traversable grates is not required.
 The Contractor shall be responsible for diverting the water flow from the construction area using a method meeting the approval of the Engineer. The cost will be included with Cast-In-Place Reinforced Concrete End Section 48" (Special).
 See Sheet 2 of 3 for welded wire reinforcement details.
 See Sheet 3 of 3 for details of traversable grates.

TOTAL BILL OF MATERIAL

| ITEM | UNIT | TOTAL |
|---|------|-------|
| Remove Concrete End Section | Each | 1 |
| Cast-in-Place Reinforced Concrete End Section 48" (Special) | Each | 1 |
| Traversable Pipe Grate for Concrete End Section | Ft. | 79 |

BACON | FARMER | WORKMAN
 ENGINEERING & TESTING, INC.
 403 NORTH COURT STREET
 MARIETTA, IL 62450
 PHONE - 618.267.9190

| | | |
|--------------|----------------|-----------|
| USER NAME = | DESIGNED - JGY | REVISED - |
| PLOT SCALE = | CHECKED - GBR | REVISED - |
| PLOT DATE = | DRAWN - JGY | REVISED - |
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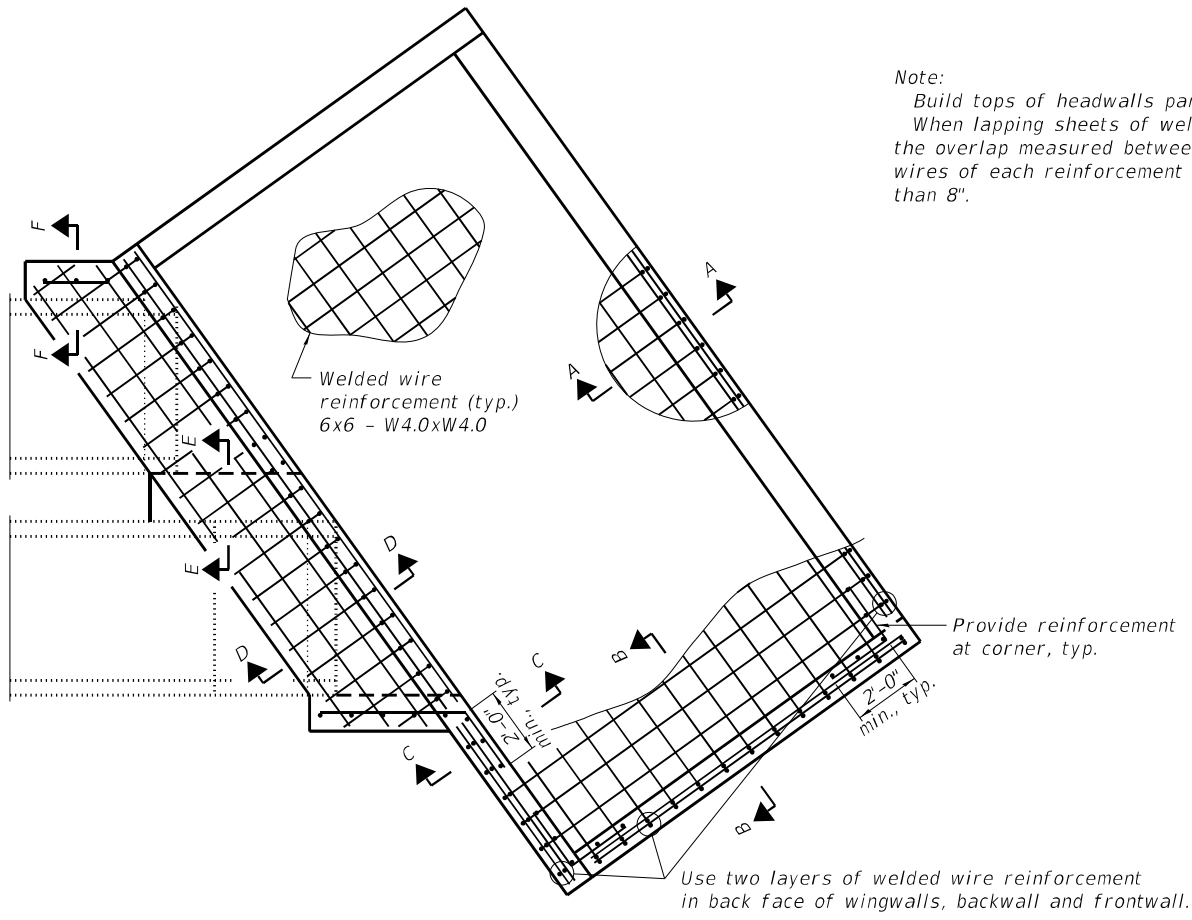
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STA 934+00 CONCRETE CULVERT
 END SECTION REPLACEMENT DETAILS

SHEET 1 OF 3 SHEETS

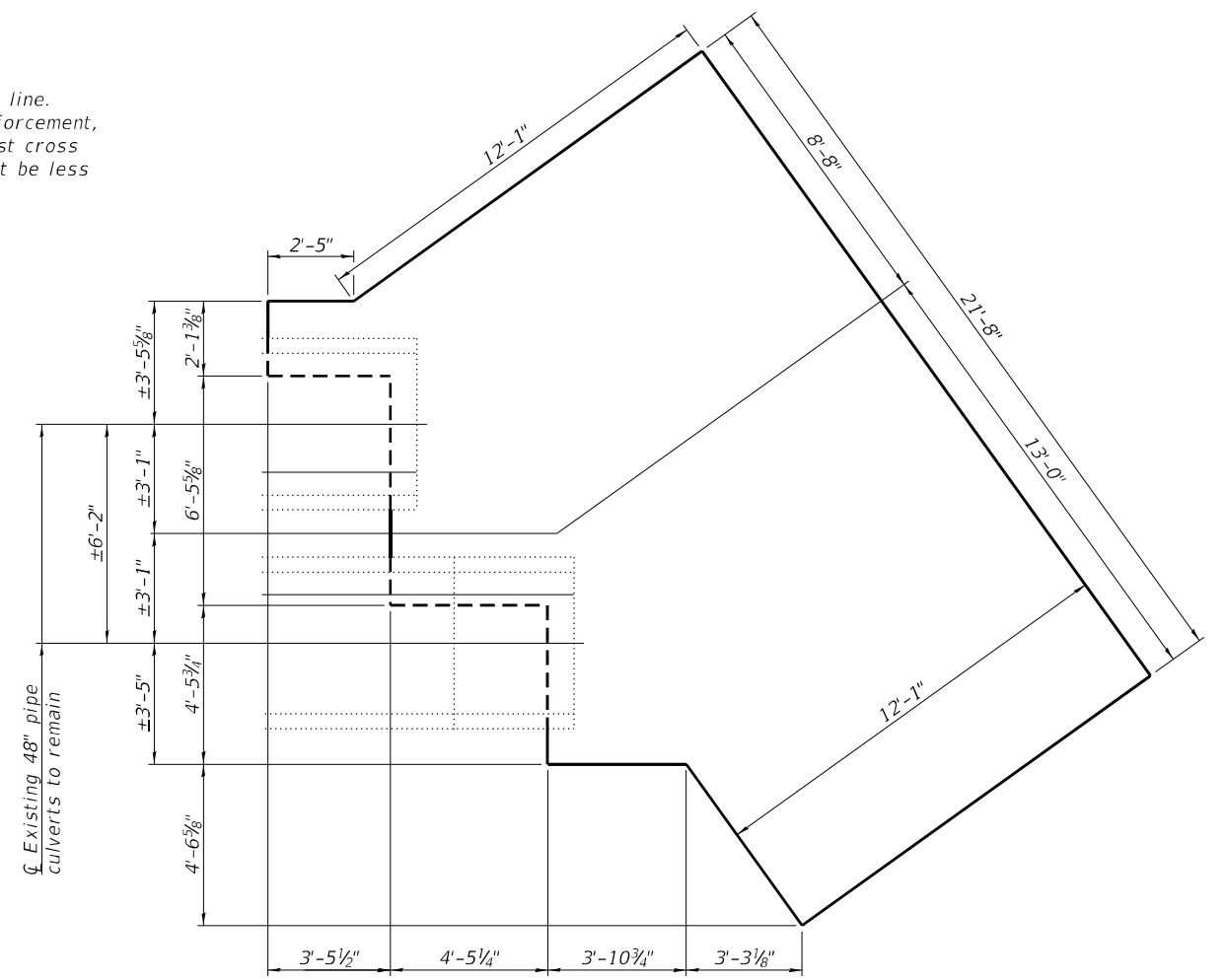
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 55 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

Note:
 Build tops of headwalls parallel to grade line.
 When lapping sheets of welded wire reinforcement, the overlap measured between the outermost cross wires of each reinforcement sheet shall not be less than 8".

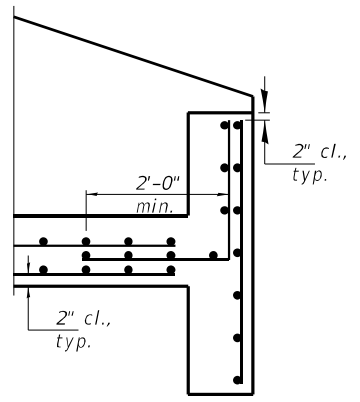


PLAN VIEW

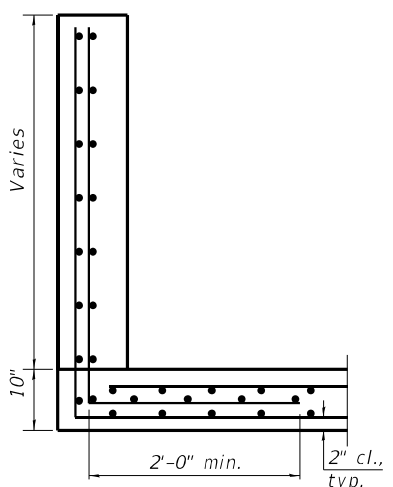
(Traversable grates not shown for clarity. See sheet 1 of 3 for structure dimensions.)



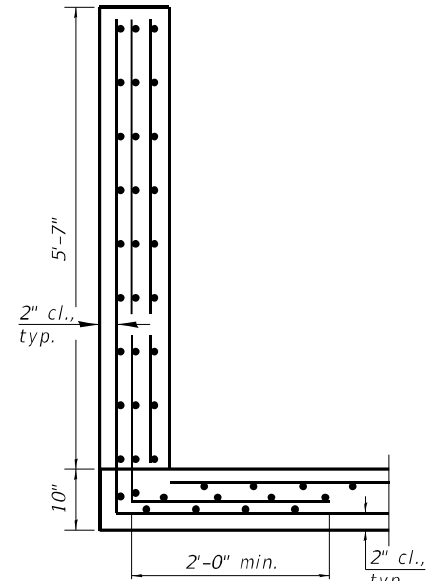
PLAN VIEW - BOTTOM SLAB



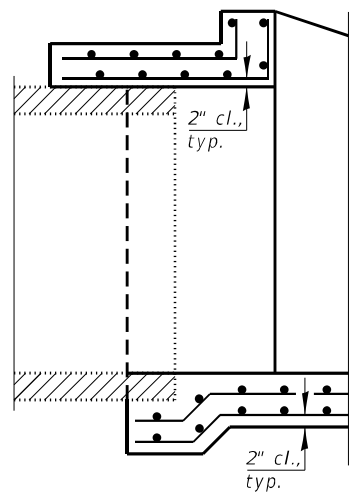
SECTION A-A



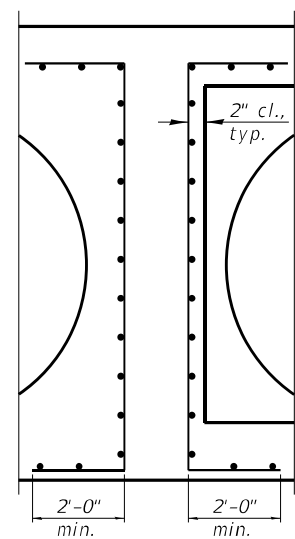
SECTION B-B (Wingwall)



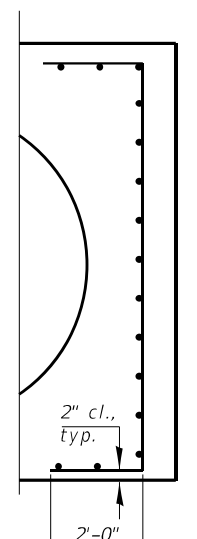
SECTION C-C (Backwall)



SECTION D-D



SECTION E-E



SECTION F-F

(Bottom slab reinforcement not shown for clarity.)

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 403 NORTH COURT STREET
 MARIETTA, IL 61756-5050
 PHONE - 815.267.9190

USER NAME =
 CHECKED - GBR
 PLOT SCALE =
 DRAWN - JGY
 PLOT DATE =
 CHECKED - GBR

DESIGNED - JGY
 CHECKED - GBR
 DRAWN - JGY
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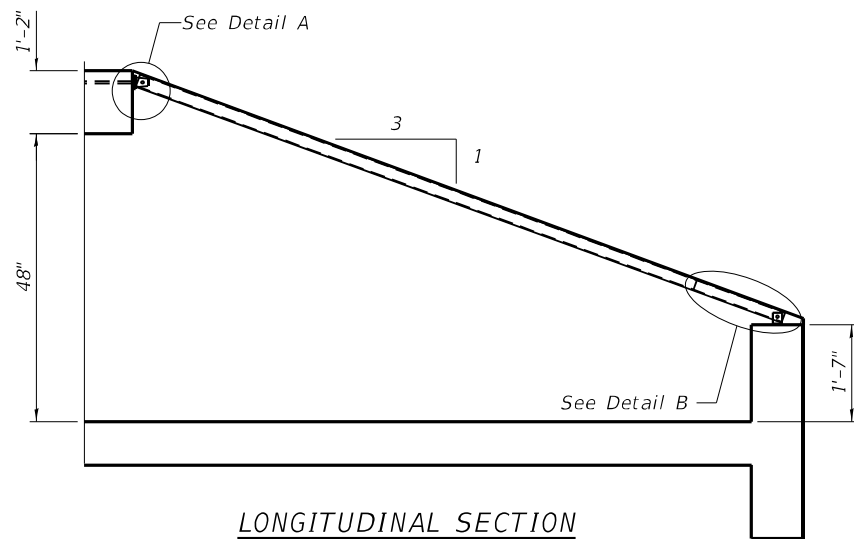
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STA 934+00 CONCRETE CULVERT
END SECTION REPLACEMENT DETAILS

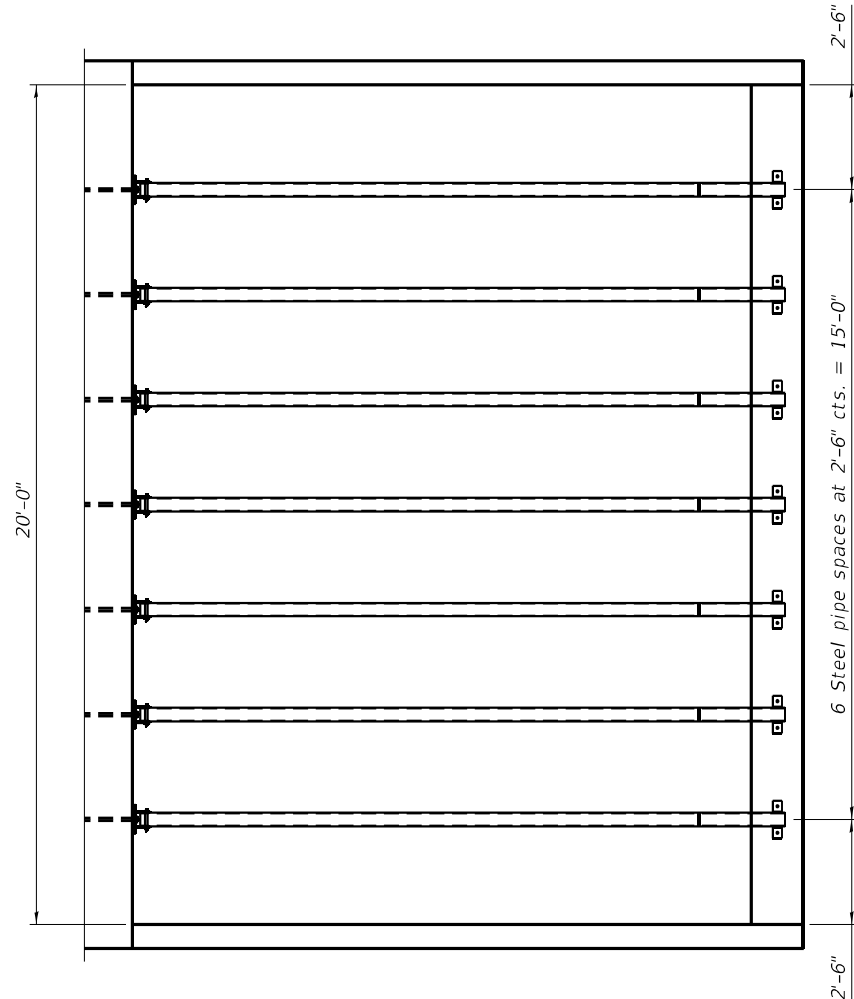
SHEET 2 OF 3 SHEETS

| | | | | |
|--------------------|-------------------|----------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 56 |
| CONTRACT NO. 68F11 | | | | |

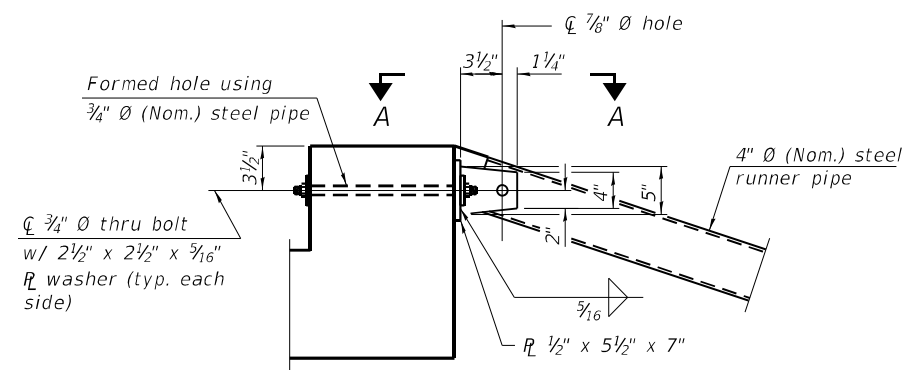
ILLINOIS FED. AID PROJECT



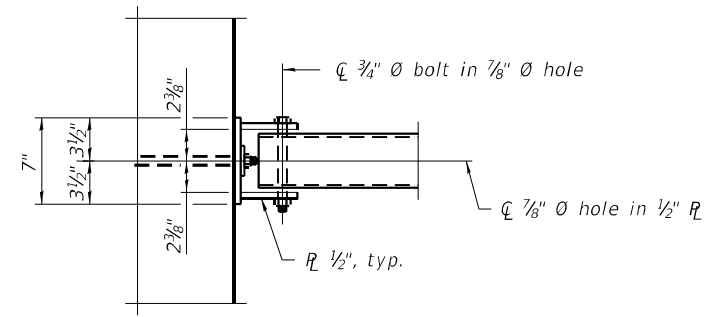
LONGITUDINAL SECTION



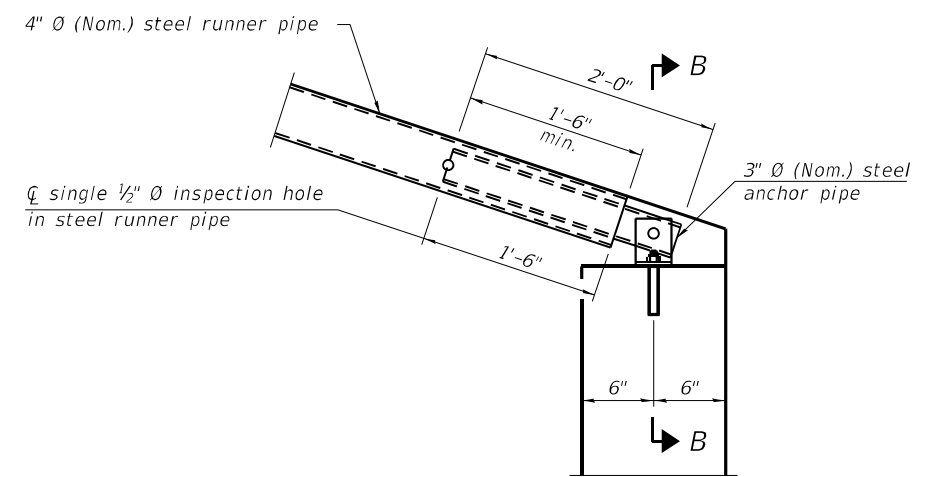
PLAN VIEW



DETAIL A

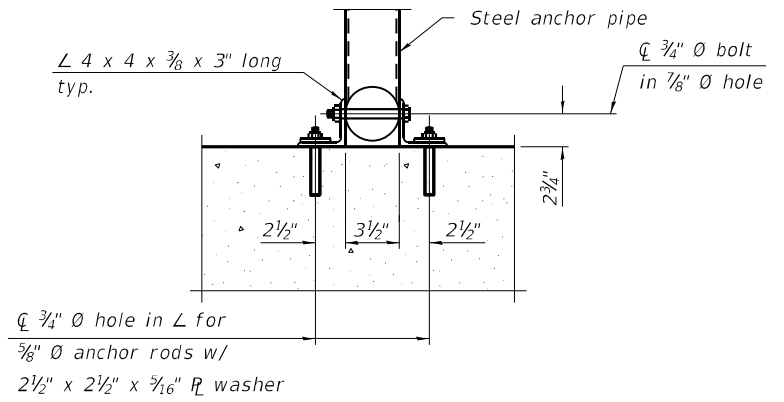


VIEW A-A



DETAIL B

Note:
 The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1 1/2" unless noted otherwise.
 The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completely filled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional 1/2 turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.



SECTION B-B

BILL OF MATERIAL

| ITEM | UNIT | TOTAL |
|---|------|-------|
| Traversable Pipe Grate for Concrete End Section | Ft. | 79 |

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BACON | FARMER | WORKMAN
 ENGINEERING & TESTING, INC.
 403 NORTH COURT STREET
 MARIETTA, IL 62450
 PHONE - 618.267.9190

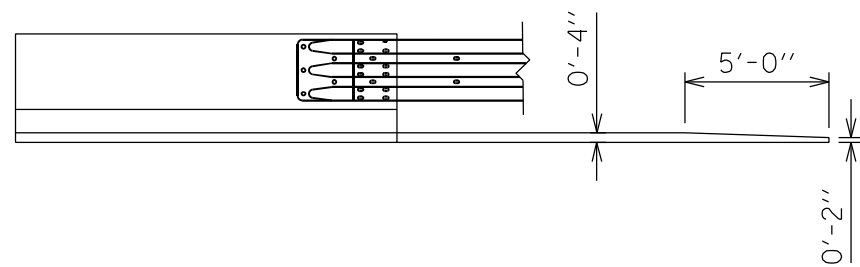
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| PLOT SCALE = | CHECKED - GBR | REVISED - |
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

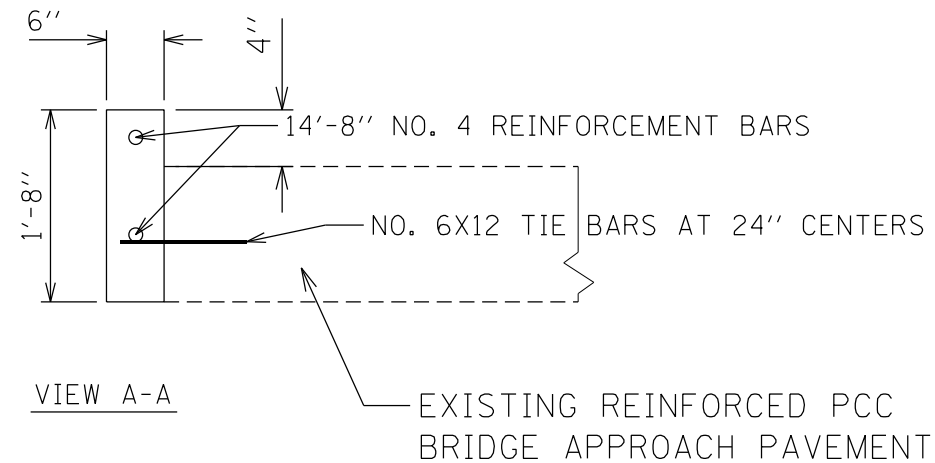
STA 934+00 CONCRETE CULVERT
 END SECTION REPLACEMENT DETAILS

SHEET 3 OF 3 SHEETS

| | | | | |
|---------------------------|-------------------|----------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 57 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



INSIDE ELEVATION OF PARAPET AND CURB



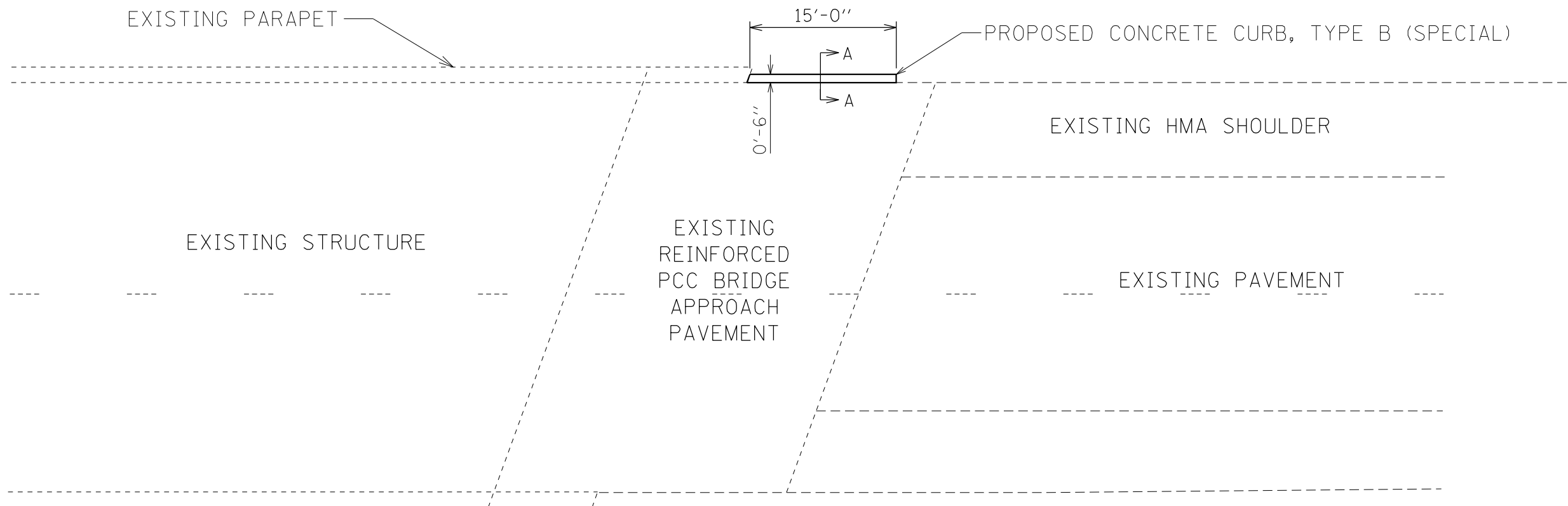
VIEW A-A

NOTES:

CONCRETE CURB, TYPE B (SPECIAL) SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS AND THIS DETAIL.

THE COST OF FURNISHING AND INSTALLING THE REINFORCEMENT BARS AND TIE BARS SHALL BE CONSIDERED INCLUDED IN THE COST OF CONCRETE CURB, TYPE B (SPECIAL).

CONCRETE CURB, TYPE B (SPECIAL) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CONCRETE CURB, TYPE B (SPECIAL).



PLAN

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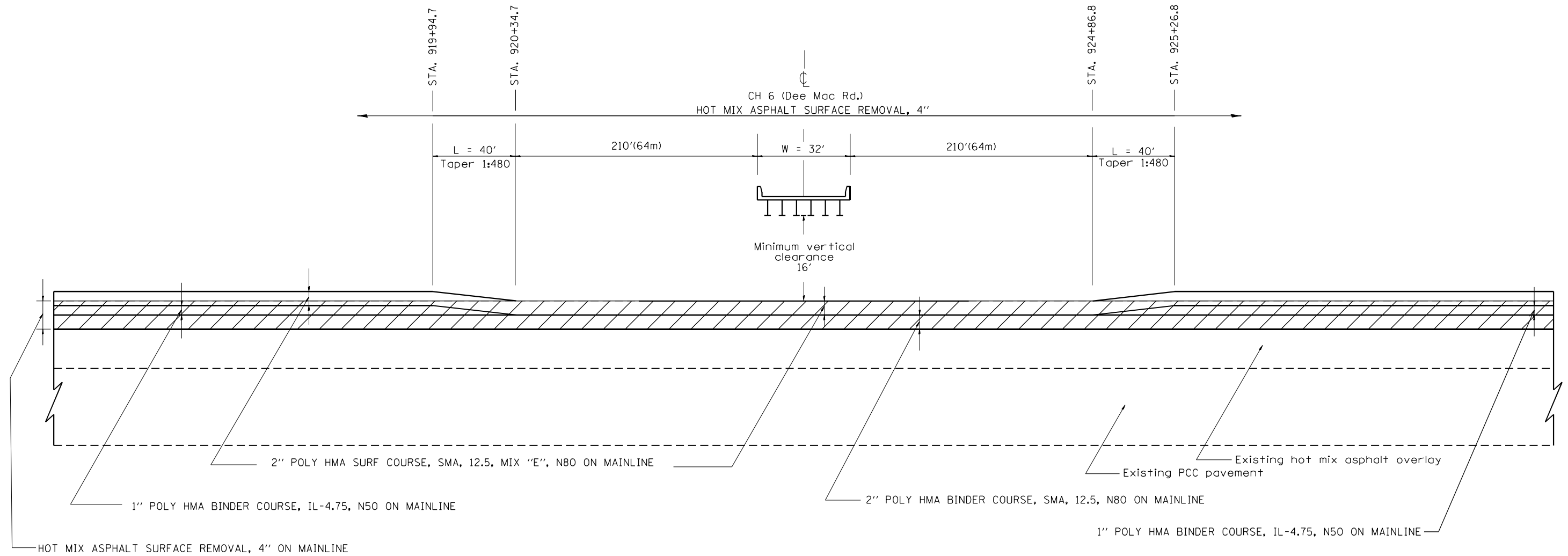
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| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONCRETE CURB, TYPE B (SPECIAL) DETAIL

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

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 58 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



TAPER OUT 1" BINDER IN ORDER TO MAINTAIN 16'-0" (MINIMUM) CLEARANCE UNDER DEE-MACK ROAD STRUCTURE

NOTE: HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH SHALL BE USED ON THE SHOULDERS TO MAINTAIN PROPOSED HMA OVERLAY THICKNESS ON THE SHOULDERS.

NOT TO SCALE.

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

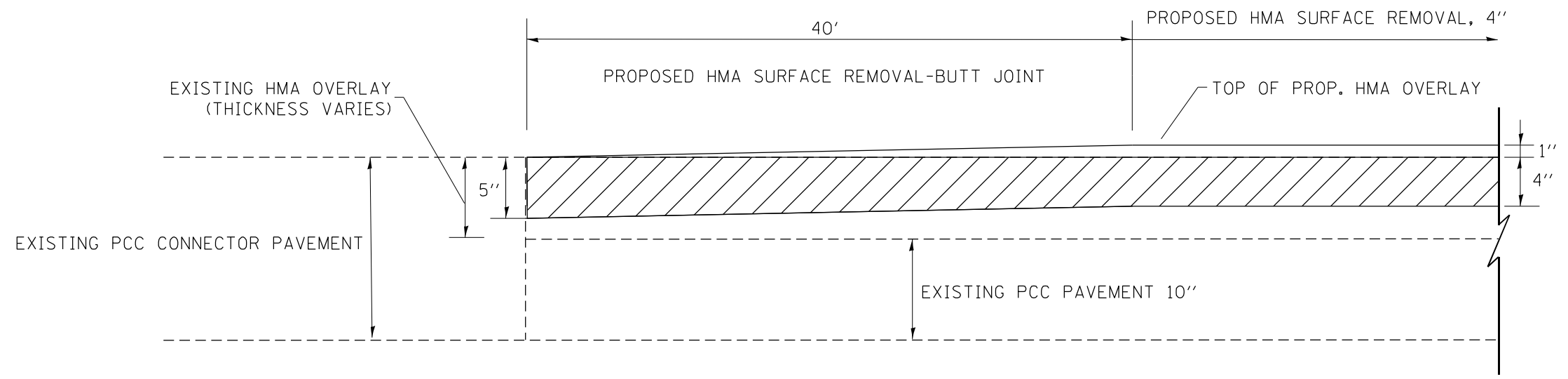
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| 01-01-97 | RENUM. C-23.03, NEW REVISION BOX | T.P. | | |
| 10-16-06 | REVISED TO 2007 SPEC. | M.A. | | |
| 07-16-19 | HMA shoulder note edited | R.D. | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT OVERLAY UNDER SN 090-0077
SPECIAL TREATMENT DETAIL**

NOT TO SCALE

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-------------------|----------|--------------|-----------|
| 70 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 59 |
| CONTRACT NO. 68F11 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



NOTE: THE CONTRACTOR SHALL DETERMINE THE THICKNESS OF THE EXISTING HMA OVERLAY AT EACH END OF THE BRIDGE. IF THE EXISTING HMA OVERLAY THICKNESS IS LESS THAN 5", THE THICKNESS OF THE PROPOSED HMA SURFACE REMOVAL AND HMA OVERLAY SHALL BE REVISED AS DETERMINED BY THE ENGINEER TO ALLOW FOR THE PROPOSED OVERLAY TO MATCH INTO THE EXISTING PCC CONNECTOR PAVEMENT. THE WORK REQUIRED TO DETERMINE THE EXISTING HMA OVERLAY THICKNESS SHALL BE PAID FOR IN ACCORDING WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

TYPICAL PAVEMENT TRANSITION AT STRUCTURES

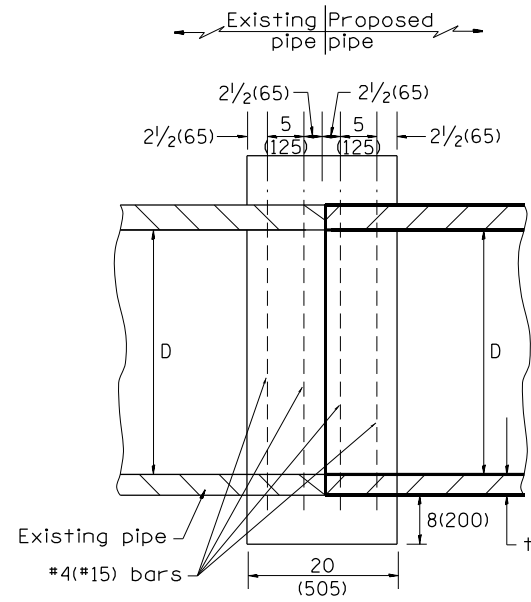
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| | | |
|-------------------------------|------------|-----------|
| USER NAME = greenom | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 10/20/2021 | DATE - | REVISED - |

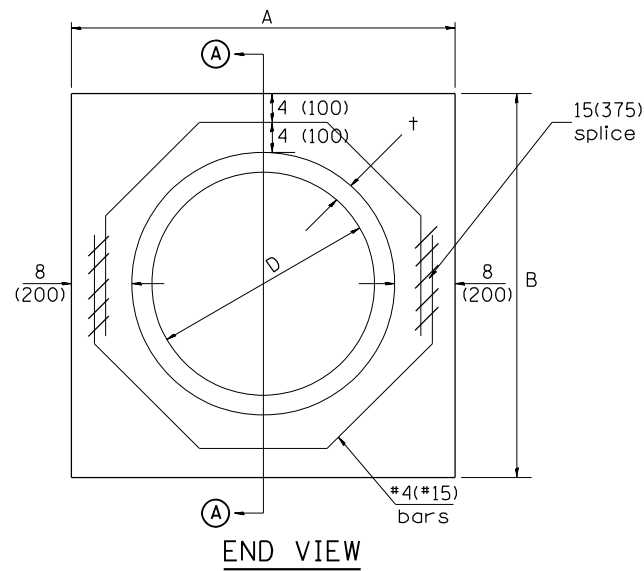
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| PAVEMENT TRANSITION DETAIL | | | |
|----------------------------|-------|-----------|--------------|
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

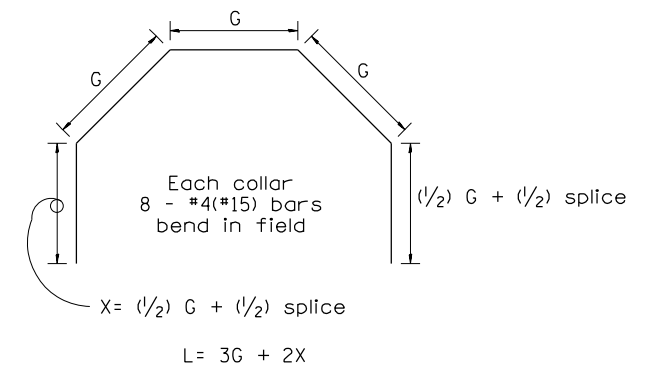
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|-------------------|----------|--------------|-----------|
| 74 | 90[14R5-5;15R5-6] | TAZEWELL | 71 | 60 |
| CONTRACT NO. 68F11 | | | | |
| ILLINOIS | | | | |



SECTION A - A



END VIEW

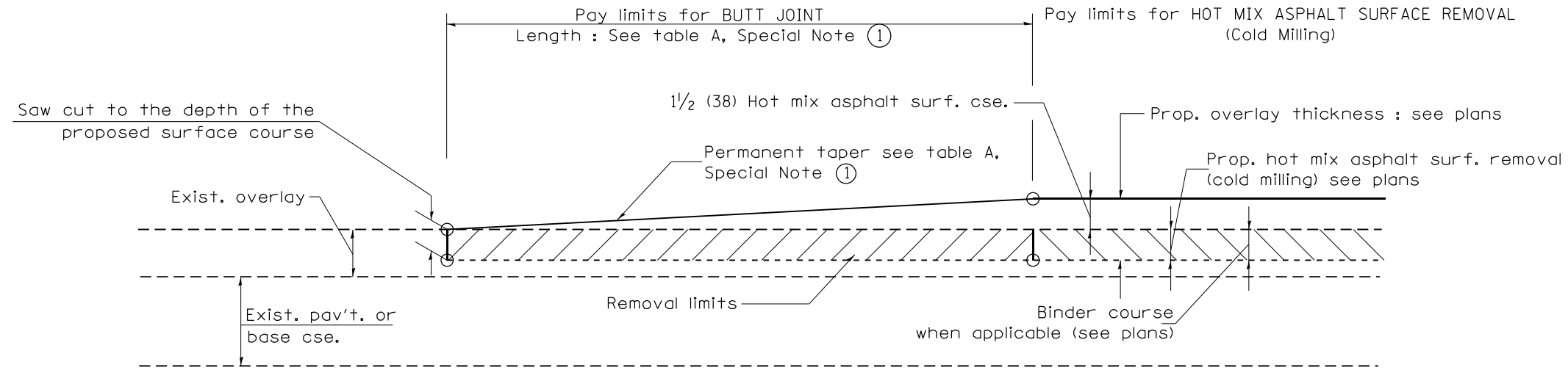


| Each Collar | | | | | | | | | |
|-------------|------------|--------------|--------------|---------------------------|--|---------------------------------------|---------------|---------|--|
| | | | | | Reinforcement Bars | | | | |
| D | t | A | B | CL. SI CONC. | G | X | L | Weight | |
| in (mm) | in (mm) | ft (m) | ft (m) | cu. yd. (m ³) | in (mm) | in (mm) | ft (m) | lb (kg) | |
| 12 (300) | 2.00 (51) | 2.67 (0.814) | 2.67 (0.814) | 0.4 (0.270) | 9 ¹⁵ / ₁₆ (253) | 12 ⁷ / ₁₆ (317) | 4.57 (1.393) | 24 (11) | |
| 15 (375) | 2.25 (57) | 2.96 (0.902) | 2.96 (0.902) | 0.4 (0.315) | 11 ³ / ₈ (290) | 13 ³ / ₁₆ (335) | 5.05 (1.541) | 27 (12) | |
| 18 (450) | 2.50 (64) | 3.25 (0.991) | 3.25 (0.991) | 0.5 (0.362) | 12 ¹³ / ₁₆ (327) | 13 ⁷ / ₈ (354) | 5.54 (1.689) | 30 (14) | |
| 21 (525) | 2.75 (70) | 3.54 (1.079) | 3.54 (1.079) | 0.5 (0.411) | 14 ¹ / ₄ (364) | 14 ⁵ / ₈ (372) | 6.02 (1.836) | 32 (15) | |
| 24 (600) | 3.00 (76) | 3.83 (1.167) | 3.84 (1.167) | 0.6 (0.460) | 15 ¹¹ / ₁₆ (401) | 15 ⁵ / ₁₆ (391) | 6.51 (1.984) | 35 (16) | |
| 27 (675) | 3.25 (83) | 4.13 (1.259) | 4.13 (1.259) | 0.7 (0.516) | 17 ¹ / ₄ (438) | 16 ¹ / ₁₆ (409) | 6.99 (2.131) | 37 (17) | |
| 30 (750) | 3.50 (89) | 4.42 (1.347) | 4.42 (1.347) | 0.7 (0.570) | 18 ¹¹ / ₁₆ (475) | 16 ³ / ₄ (428) | 7.48 (2.279) | 40 (18) | |
| 33 (825) | 3.75 (95) | 4.71 (1.436) | 4.71 (1.436) | 0.8 (0.624) | 20 ¹ / ₈ (512) | 17 ¹ / ₂ (446) | 7.96 (2.426) | 43 (19) | |
| 36 (900) | 4.00 (102) | 5.00 (1.524) | 5.00 (1.524) | 0.9 (0.682) | 21 ⁹ / ₁₆ (549) | 18 ³ / ₁₆ (465) | 8.44 (2.574) | 45 (20) | |
| 42 (1050) | 4.50 (114) | 5.58 (1.701) | 5.58 (1.701) | 1.0 (.800) | 24 ⁷ / ₁₆ (622) | 19 ³ / ₄ (501) | 9.41 (2.869) | 50 (23) | |
| 48 (1200) | 5.00 (127) | 6.17 (1.881) | 6.17 (1.881) | 1.2 (0.930) | 27 ⁵ / ₁₆ (696) | 21 ³ / ₁₆ (538) | 10.38 (3.164) | 55 (25) | |
| 66 (1676) | 6.50 (165) | 7.93 (2.417) | 7.93 (2.417) | 1.8 (1.362) | 36 ¹ / ₈ (918) | 25 ⁹ / ₁₆ (650) | 13.29 (4.051) | 71 (32) | |

GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.
2. This work shall be paid for by the cubic yard (cubic meter) for CONCRETE COLLAR and by the pound (kg) for REINFORCEMENT BARS.

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



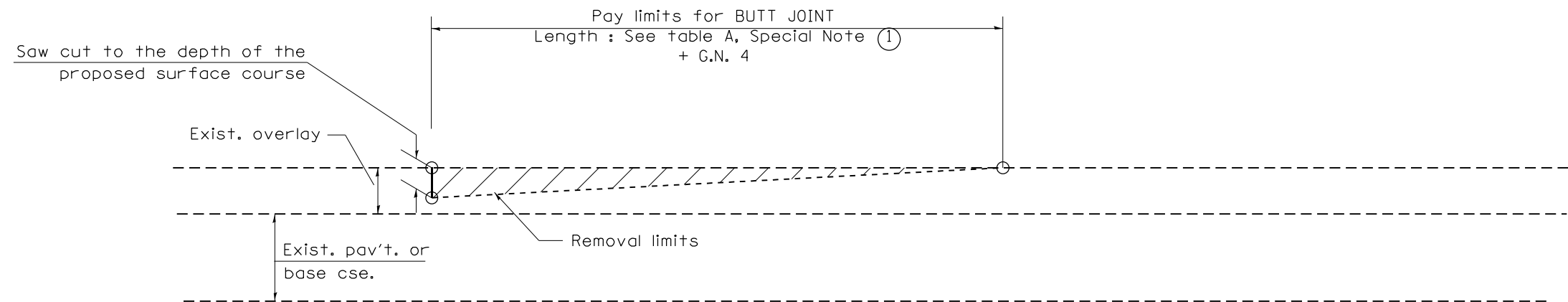
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**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 |

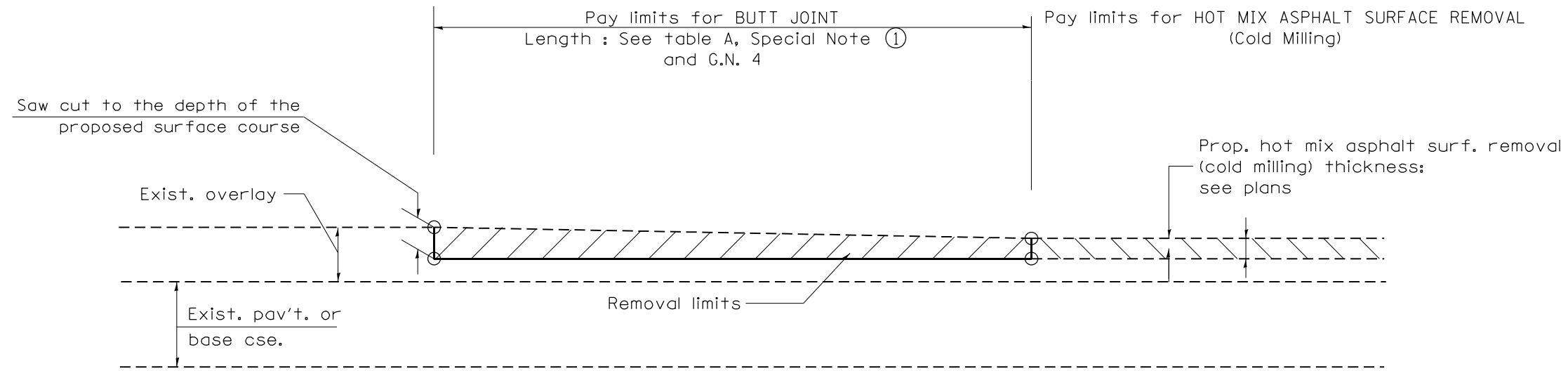
GENERAL NOTES

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.

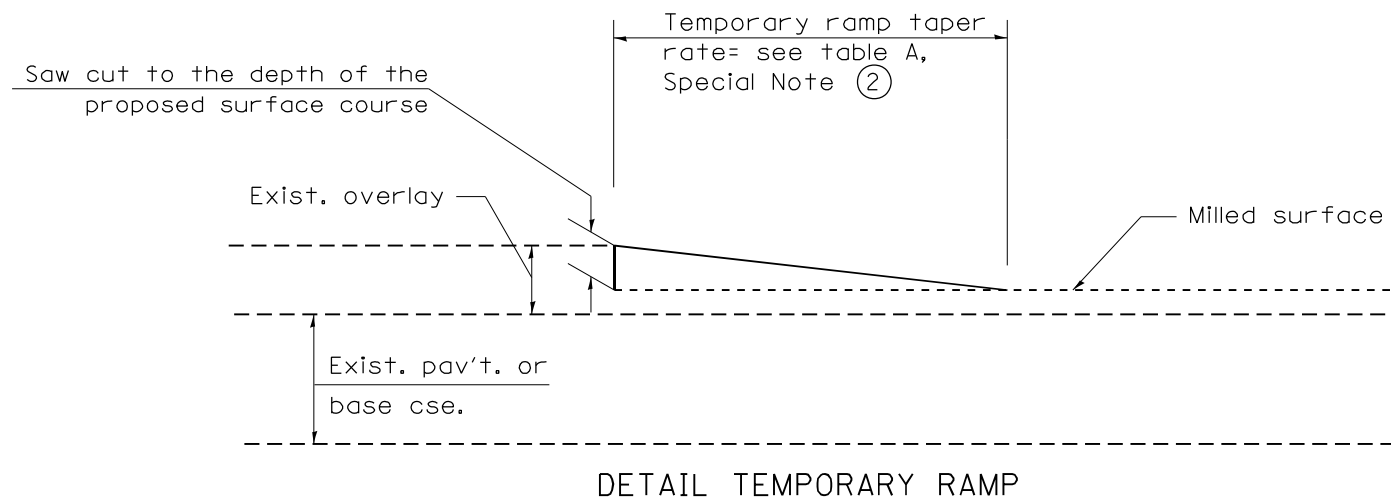


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

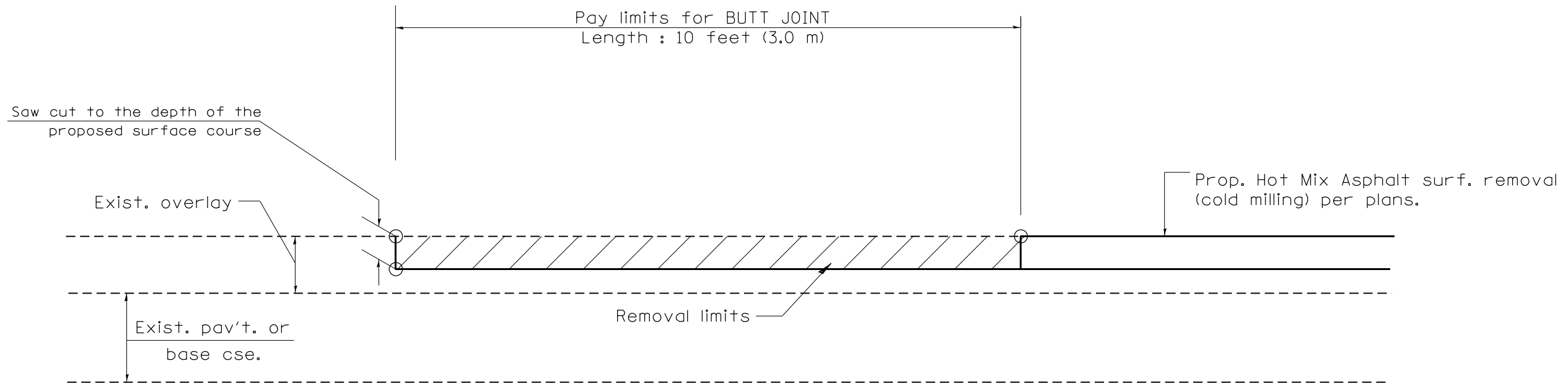


**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



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

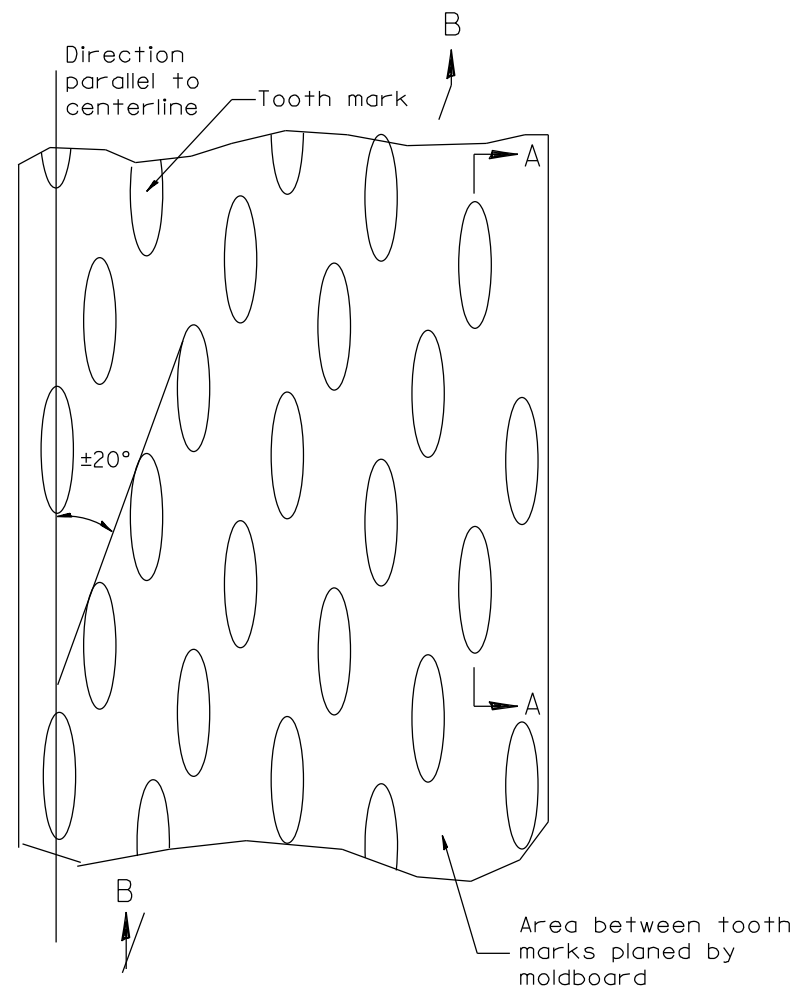
| | | | | | | | | | |
|---------------------|-------------------|---------------------------|--------------|---|--|--------------------|--|------------------------------------|--|
| | | | | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | BUTT JOINTS | | SHT. 2 OF 3 CADD STD. 406101-D4 | |
| | | | | NOT TO SCALE | | | | CONTRACT NO. 68F11 | |
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | | | |
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 63 | | | | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | | | | | | |



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.

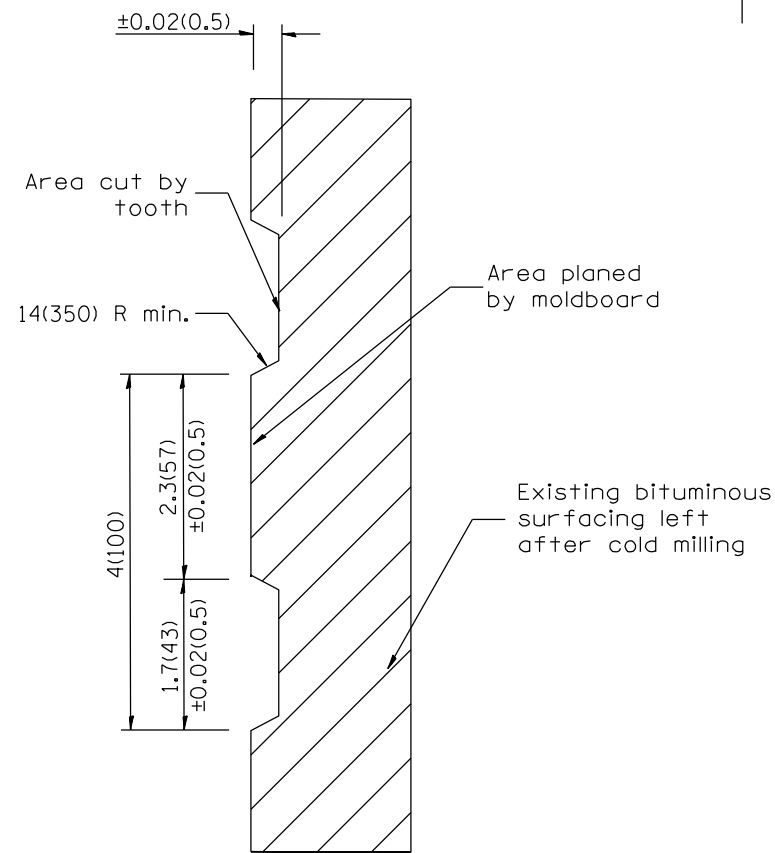
| | | | | | | | | | |
|---------------------|-------------------|---------------------------|--------------|---|--|--------------------|--|------------------------------------|--|
| | | | | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | BUTT JOINTS | | SHT. 3 OF 3 CADD STD. 406101-D4 | |
| | | | | | | | | NOT TO SCALE | |
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | | | |
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 64 | | | | | |
| | | | | CONTRACT NO. 68F11 | | | | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | | | | | | |



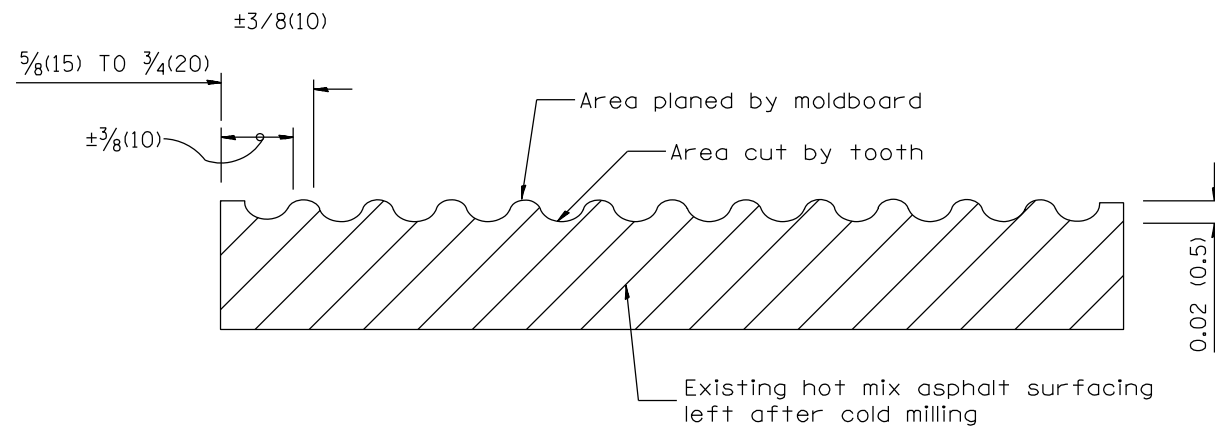
PLAN

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.

• 48-C29RS-7,30RS-13;72-3RS-2

| | | |
|----------|--------------------------------------|------|
| 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. |

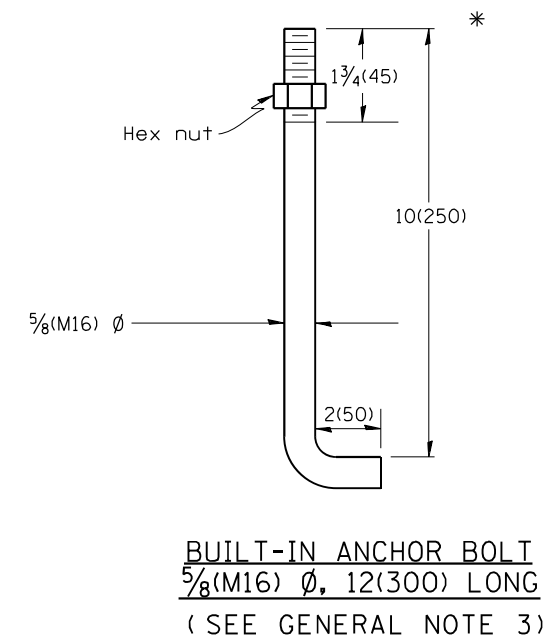
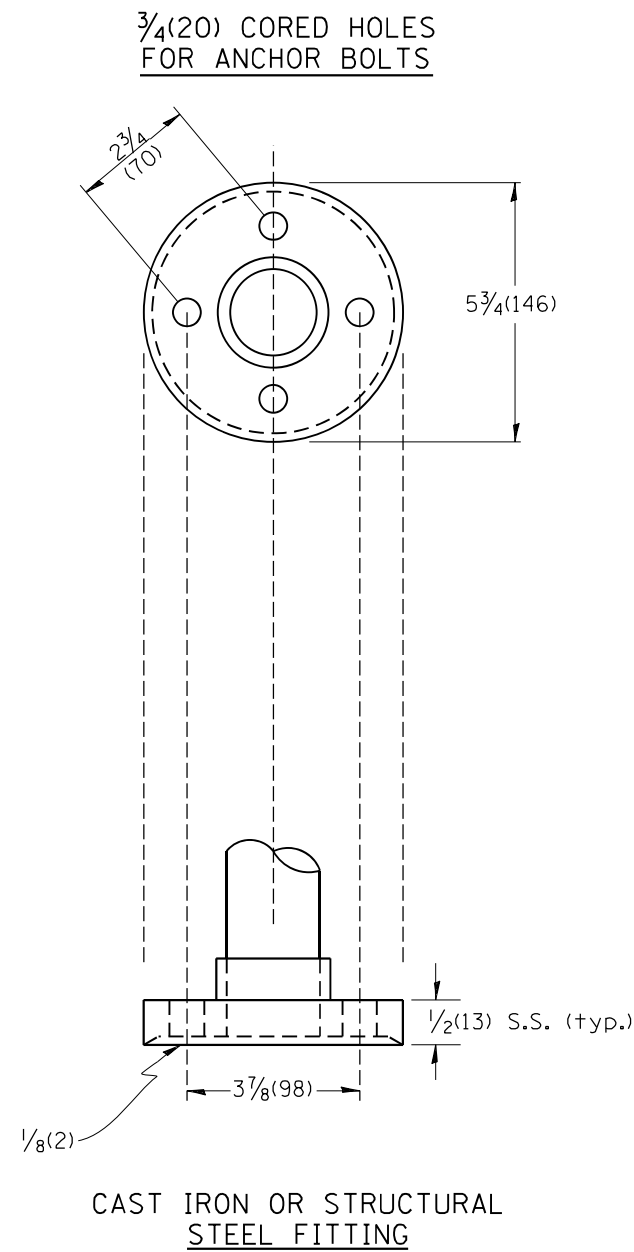
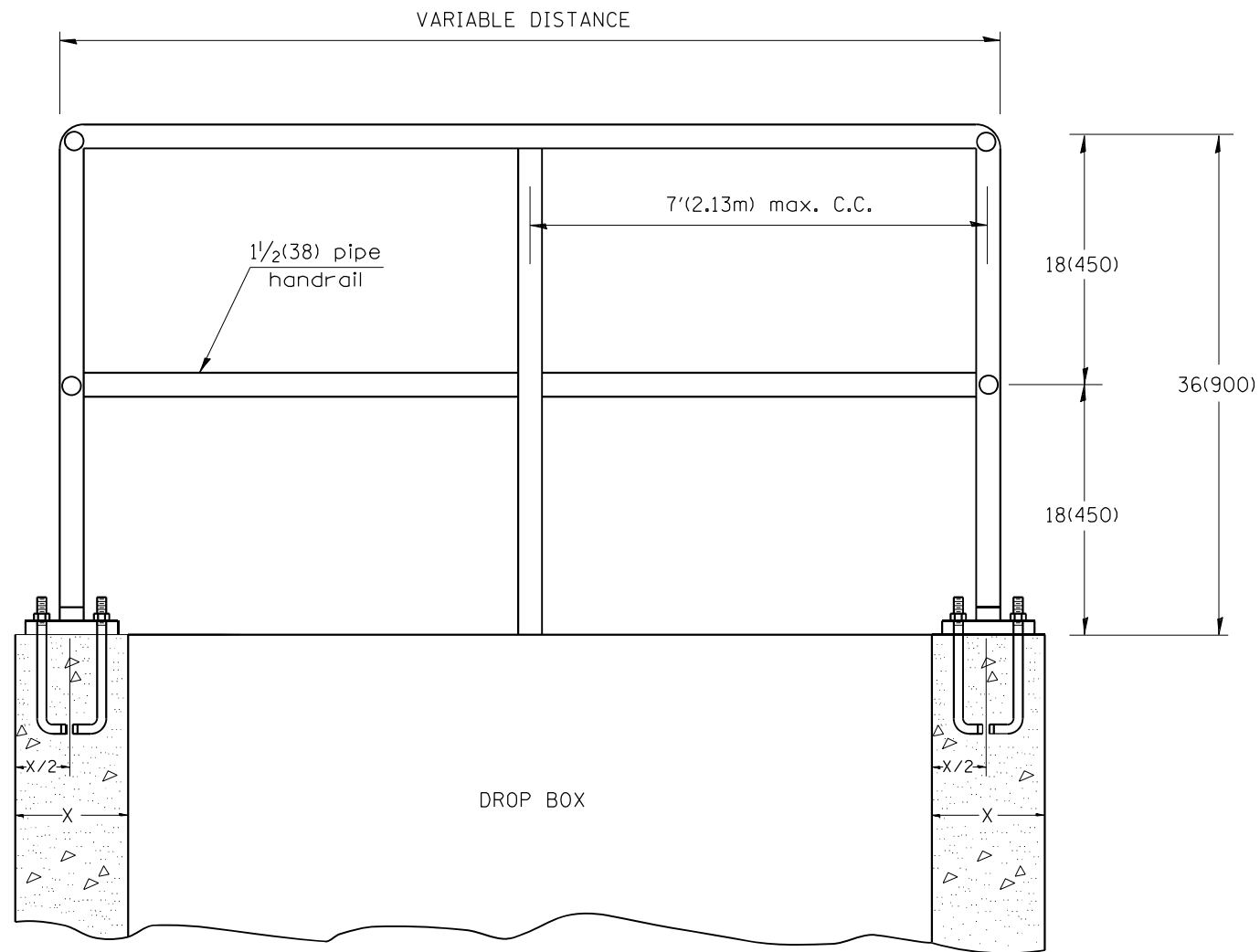
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

CADD STD. 440001-D4

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-------------------|----------|--------------------|-----------|
| 74 | 90(14RS-5;15RS-6) | TAZEWELL | 71 | 65 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 68F11 | |



GENERAL NOTES:

1. Article 509.04 of the Standard Specifications shall apply.
2. Connection of railing to posts shall be made by continuous welding or with using standard pipe fitting.
3. An equivalent epoxy anchor stud can be used in place of anchor shown. Anchor bolt holes shall be 3/4(20) in diameter and 5(125) deep. They shall be predrilled with an electric hammer drill to a depth of 4(100) prior to use of a pneumatic drill for the remaining 4(100). A two component encapsulated epoxy such as "Parabond" or an equivalent shall be used. Installation shall be according to Manufacturer's recommendations.
4. The pipe handrail shall be galvanized by the hot dip process.

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

| | | |
|----------|---|------|
| 01-01-97 | RENUM. B-11.01, METRICS, NEW REVISION BOX, REVISED TITLE BOX, REVISED NOTES | T.P. |
| 10-16-06 | REVISED TO 2007 SPEC. | M.A. |

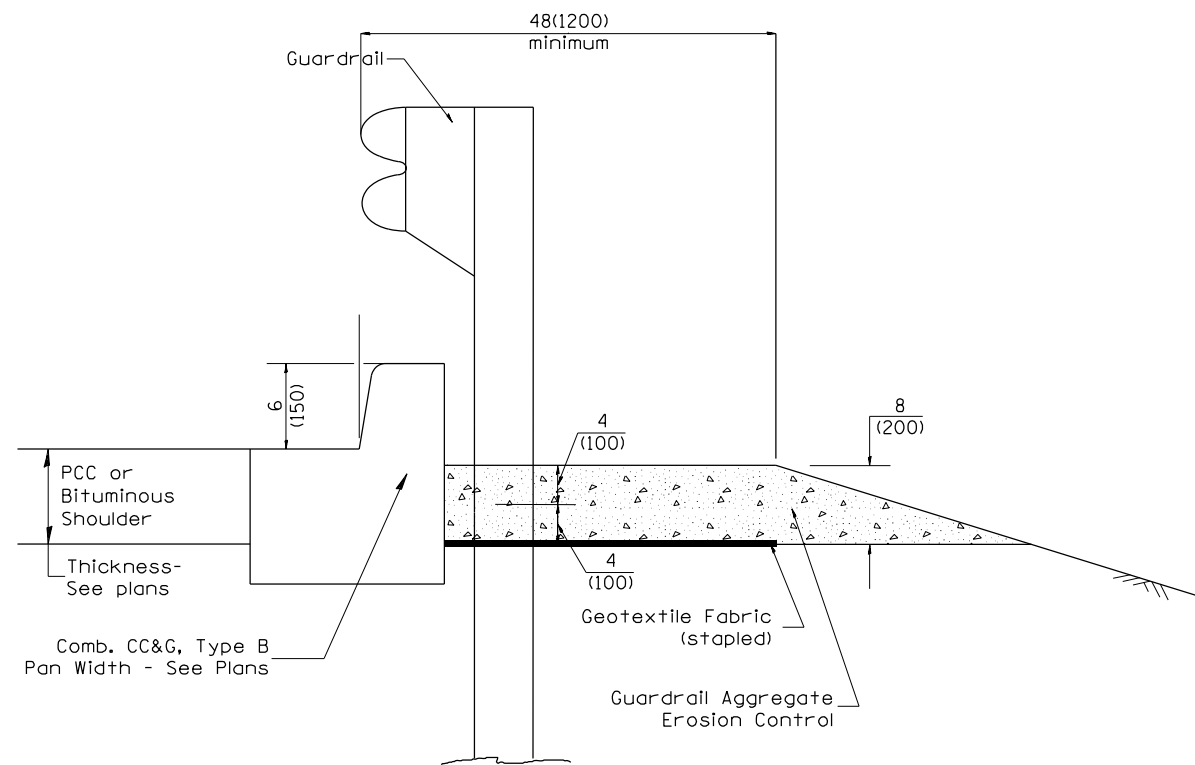
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF PIPE HANDRAIL FASTENING

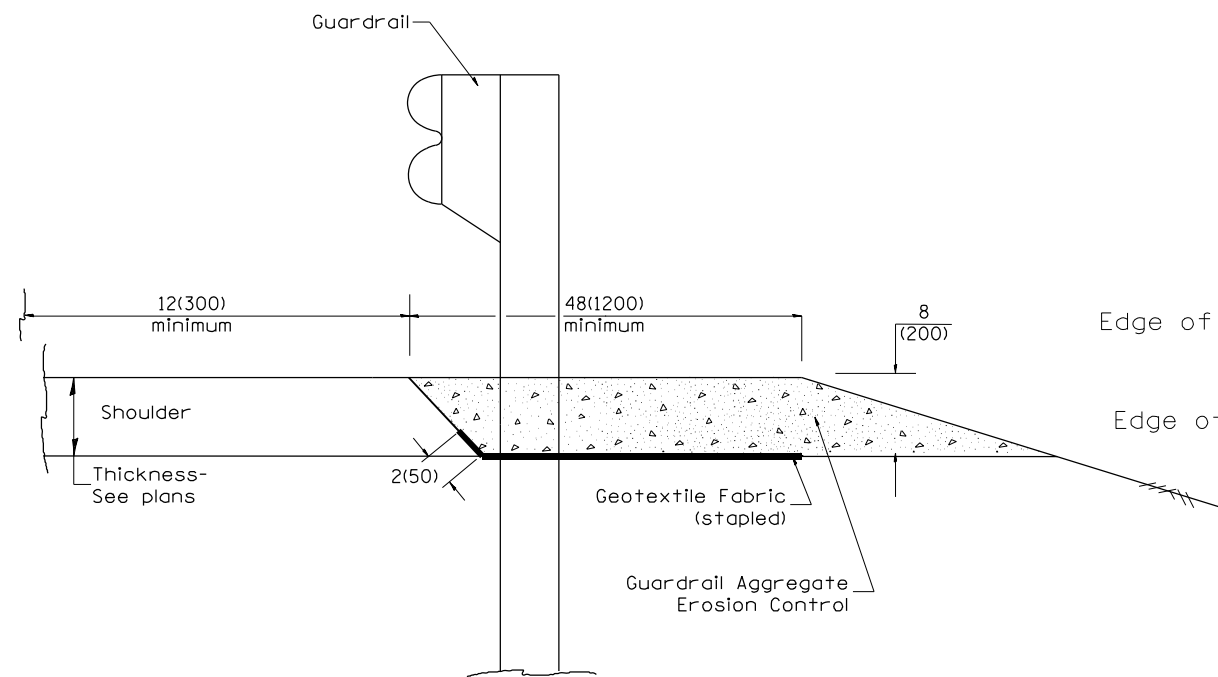
NOT TO SCALE

CADD STD. 510001-D4

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|--------------------|----------|--------------------|-----------|
| 74 | 90[14RS-5;15RS-6J] | TAZEWELL | 71 | 66 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 68F11 | |



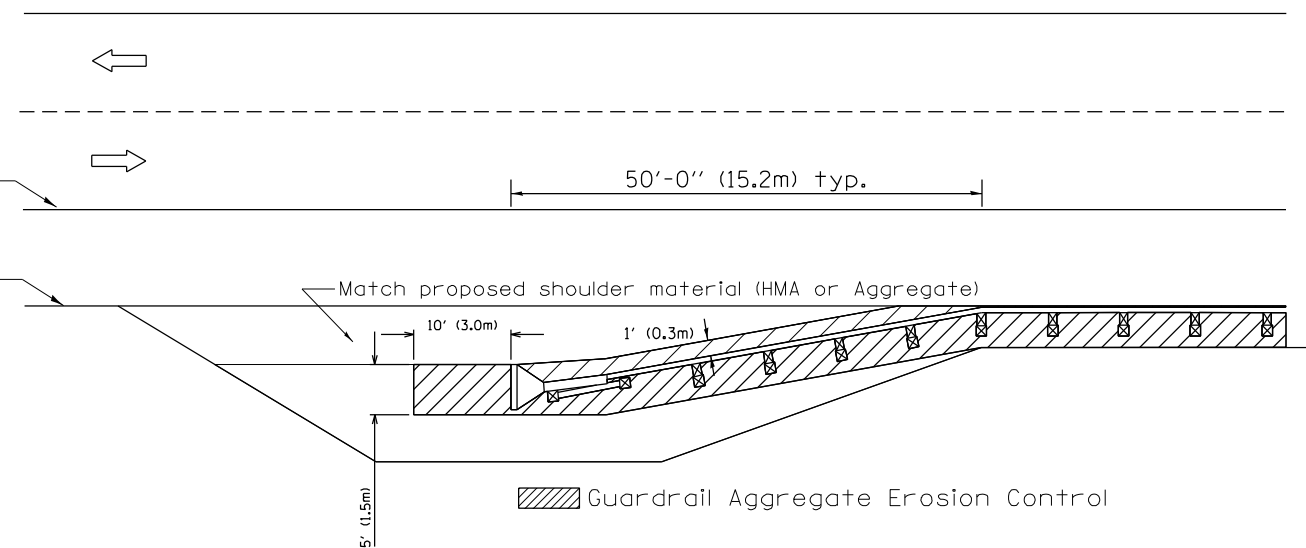
TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



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

| | | | | | |
|----------|--------------------------------|------|----------|-----------------------|------|
| 03-07-11 | ADDED DETAIL SHOWING PLAN VIEW | R.D. | 5-30-18 | CHANGE B CURB TO CC&G | R.D. |
| 08-10-12 | REVISED CURB "B" AND AGGREGATE | R.D. | 07-16-19 | SPELLING CORRECTIONS | R.D. |
| 07-15-15 | ADDRESSED SHOULDER INLET CURB | R.D. | | | |
| 01-26-17 | REVISED | R.D. | | | |

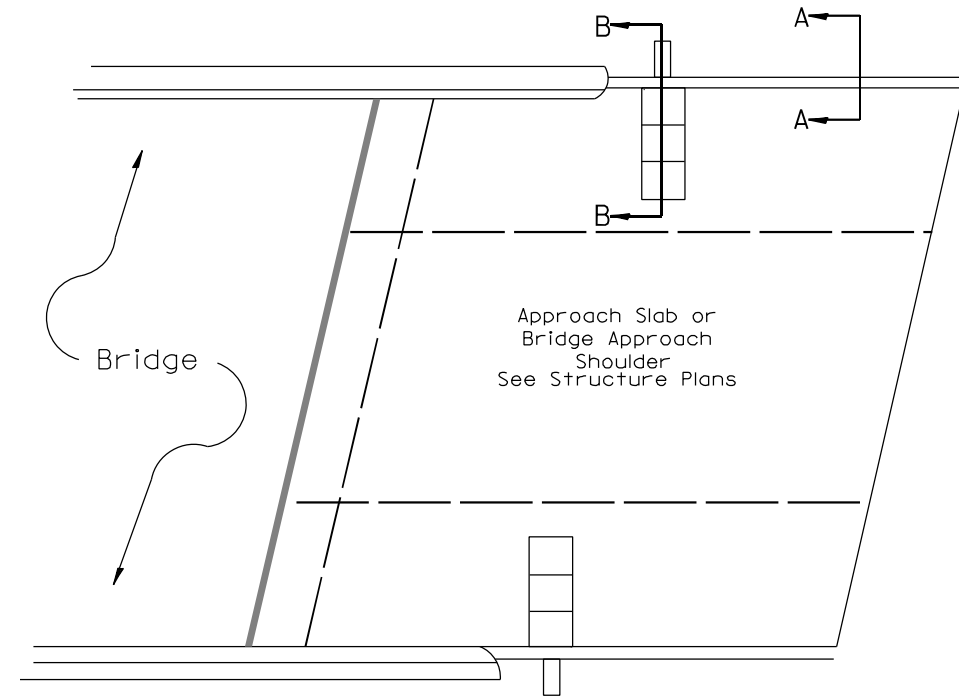
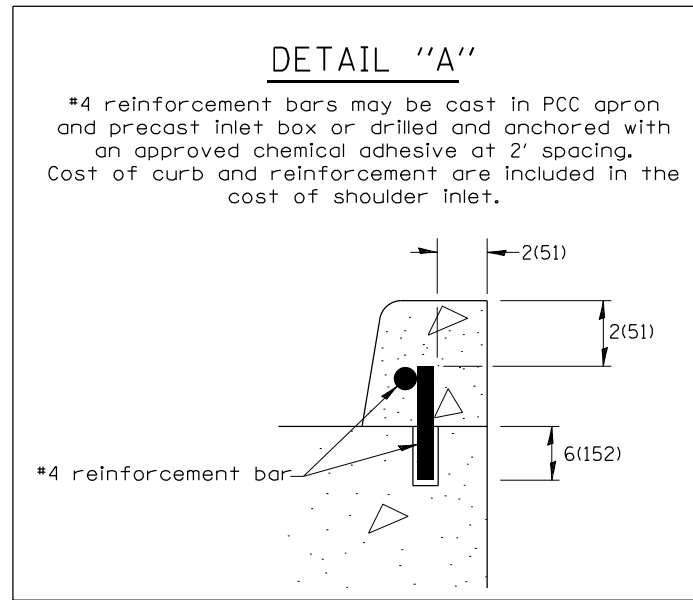
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

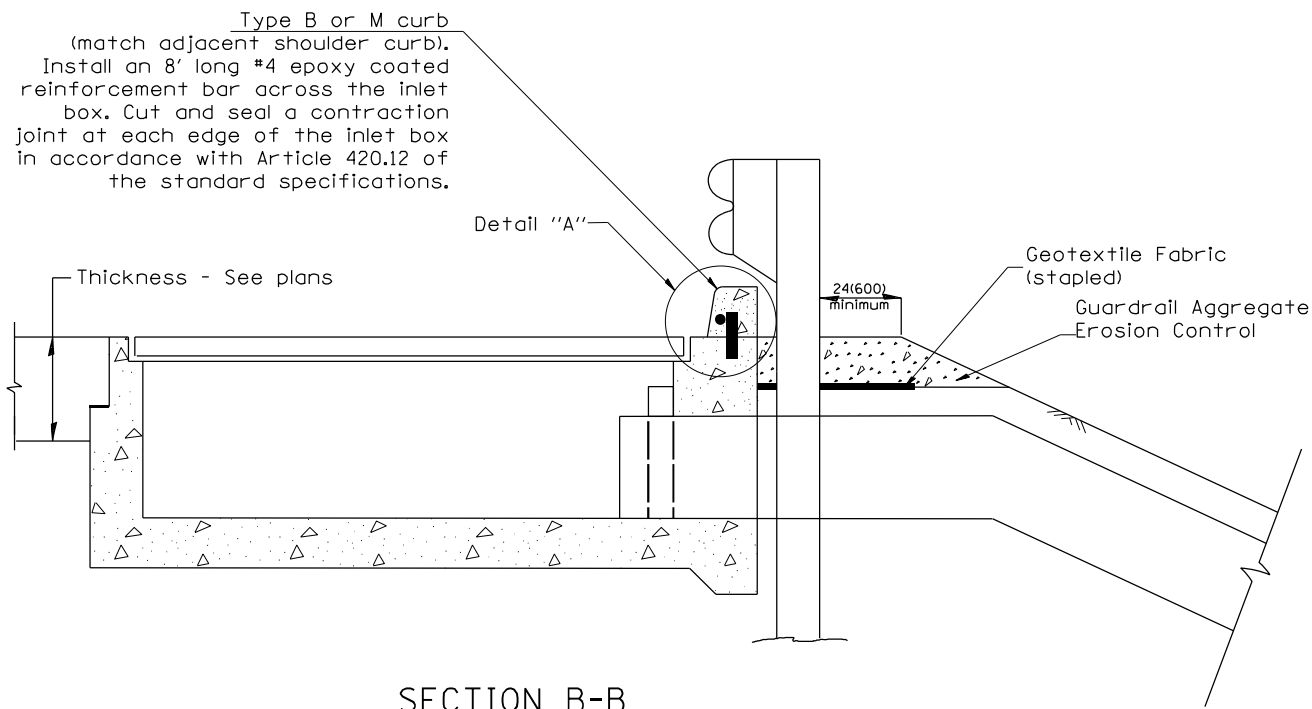
GUARDRAIL EROSION CONTROL TREATMENTS

SHT. 1 OF 2
CADD STD. 630101-D4

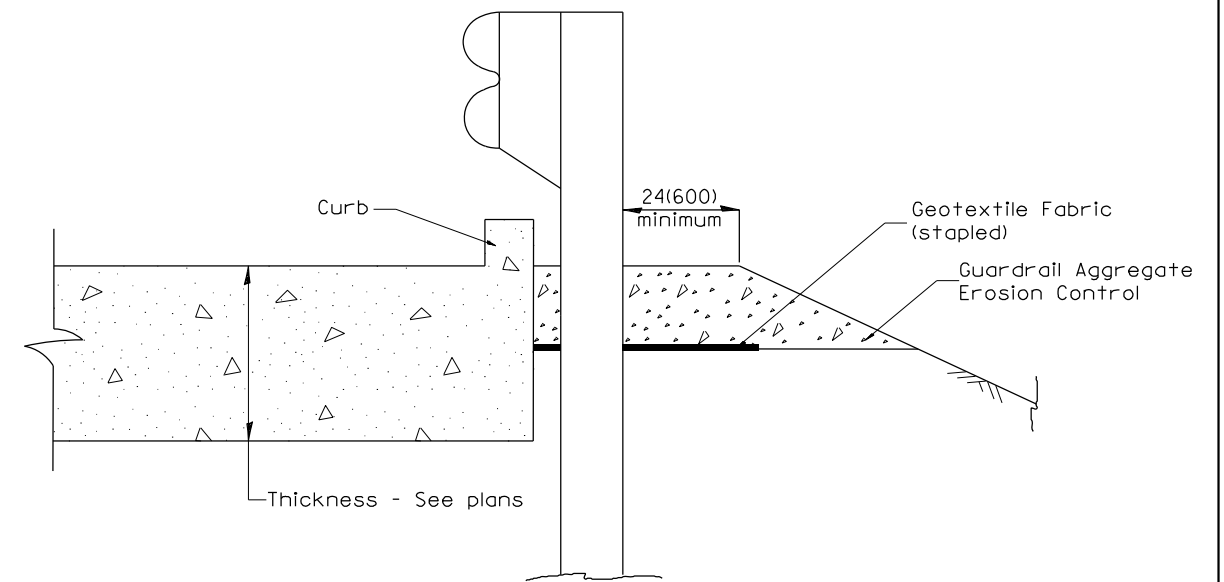
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-------------------|----------|--------------------|-----------|
| 74 | 90[14RS-5;15RS-6] | TAZEWELL | 71 | 67 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 68F11 | |



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT



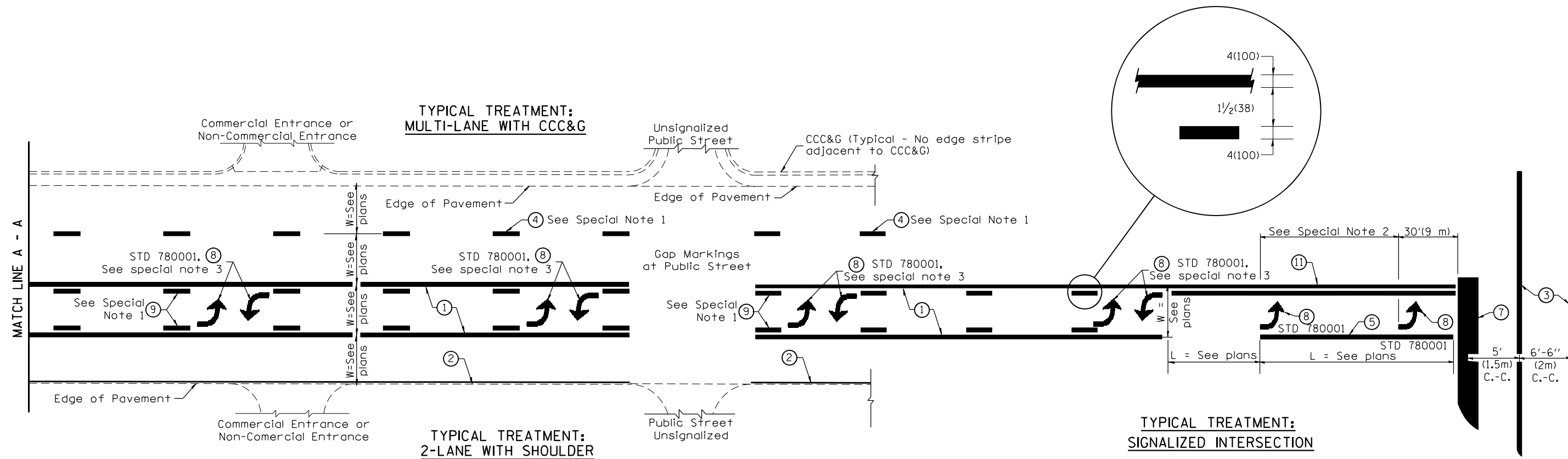
SECTION B-B
TYPICAL SECTION AT INLETS
TYPE E, F & G (HIGHWAY STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH BRIDGE APPROACH CURB

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

| | | | | | | | | | |
|-------------------------------------|-------------------|----------|--------------|---|--------------------|--|--|---------------------|--|
| STATE OF ILLINOIS | | | | GUARDRAIL EROSION CONTROL TREATMENTS | | | | SHT. 2 OF 2 | |
| DEPARTMENT OF TRANSPORTATION | | | | NOT TO SCALE | | | | CADD STD. 630101-D4 | |
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | | | |
| 74 | 90I14RS-5;15RS-6J | TAZEWELL | 71 | 68 | CONTRACT NO. 68F11 | | | | |
| 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.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-------------------|----------|--------------------|-----------|
| 74 | 90(14RS-5;15RS-6) | TAZEWELL | 71 | 70 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 68F11 | |

