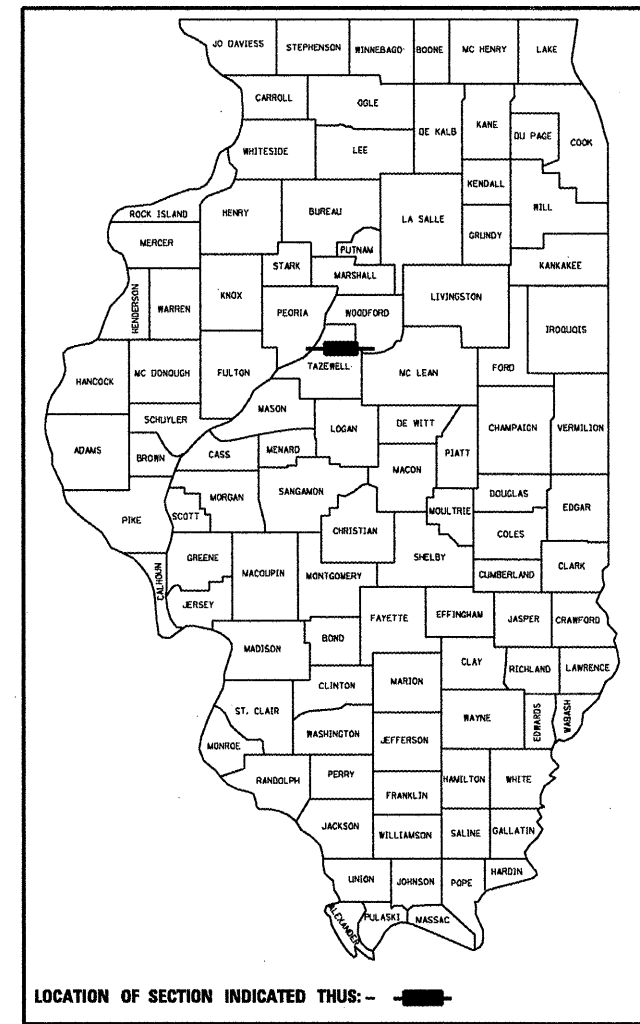


| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------|--------------------|--------------|-----------|
| 74 | (90-15RS-3) | TAZEWELL | 60 | 1 |
| ILLINOIS | | CONTRACT NO. 68508 | | |

D-94-089-05



LOCATION OF SECTION INDICATED THIS: - [shaded area]

NPDES PERMIT REQUIRED

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 2/10/09

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 13, 2009
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 13, 2009
[Signature]
DIRECTOR OF HIGHWAYS/CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**
FAI 74 INTERSTATE 74
SECTION 90-(14RS-4, 15RS-3)
PROJECT ESP-074-4(240)103
TAZEWELL COUNTY
C-94-116-05

INDEX OF SHEETS

- 1 COVER SHEET
- 2-3 COMMITMENTS, GENERAL NOTES,
PROJECT SPECIFIC GENERAL NOTES
- 4-7 SUMMARY OF QUANTITIES
- 8-9 TYPICAL SECTIONS
- 10-16 SCHEDULES OF QUANTITIES
- 17 LINE DIAGRAM
- 18-29 PLAN SHEETS
- 30-41 EROSION CONTROL PLANS
- 42 EXPANSION JOINT TREATMENT DETAIL
- 43 PAVEMENT OVERLAY SPECIAL DETAIL
- 44 MEDIAN CROSSOVER CLOSURE DETAIL
- 45-48 STEEL PLATE BEAM GUARDRAIL (SPECIAL) DETAIL
- 49 MEDIAN CROSSOVER DETAIL
- 50-60 DISTRICT CADD STANDARDS
HIGHWAY STANDARDS

STANDARDS

- 280001-04 701106-02
- 420001-07 701400-03
- 420701-02 701401-05
- 442101-07 701406-05
- 631031-07 701426-03
- 635006-03 701901-01
- 635011-02 728001-01
- 642001-01 729001-01
- 665001-02 781001-03
- 701101-02

DESIGN DESIGNATION
INTERSTATE HIGHWAY
CLASS I, TRUCK ROUTE

ADT = 23,100 (2005)
MU = 22.5%

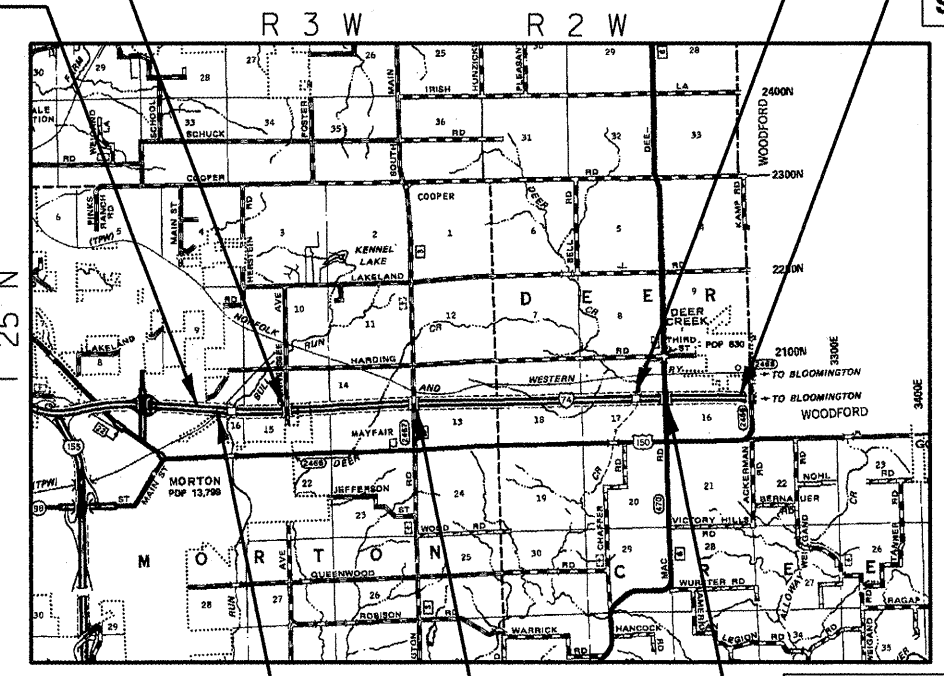
CONTRACT NO. 68508
CATALOG NO. 033104-00D

TENNESSEE RD STRUCTURE
SN 090-0084 STA. 686+89.76

IMPROVEMENT BEGINS
EB STA. 634+64
WB STA. 634+80

MUD CREEK
STRUCTURES
SN 090-0023 &
SN 090-0024

IMPROVEMENT ENDS
STA. 973+20.00



TP&W RR STRUCTURES
SN 090-021 & SN 090-0022

DEE MACK RD STRUCTURE
SN 090-0077 STA. 922+60.73

WASHINGTON RD STRUCTURE
SN 090-0075 STA. 765+17.14

STATION EQUATION
STA. 804+28.11 BACK = 804+23.11 AHEAD
(NOT TO SCALE)

GROSS LENGTH = 6.41 MILES
NET LENGTH = 6.41 MILES

PROJECT ENGINEER: CHRISTOPHER MAUSHARD (309-671-3453)

DESIGNER: SQUAD 9 (309-671-3462)

COMMITMENTS

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

No commitments have been made for this project.

DISTRICT CADD STANDARDS

| | |
|-----------|--|
| 280001-D4 | Typical Application of Silt Filter Fence |
| 281001-D4 | Riprap Ditch for Erosion Protection |
| 406101-D4 | Butt Joints |
| 440001-D4 | Hot-Mix Asphalt Surface Removal (Cold Milling) |
| 630101-D4 | Guardrail Erosion Control Treatments |
| 635101-D4 | Guardrail and Barrier Wall Delineation |

GENERAL NOTES

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.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to 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.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- A location map showing the size limits and location of the use area
- Signed property owner agreement form - D4-PI0100
- Color photographs depicting the use area
- Borrow Area Entry Agreement Form - D4-PI0101

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

GENERAL NOTES (CONTINUED)

MINIMUM VERTICAL CLEARANCE

The Contractor shall verify the existing structure vertical clearance prior to placing bituminous overlay under any structure. A minimum 16.0 ft vertical clearance shall be maintained under all structures.

WINTER SHUTDOWN RESTRICTIONS ON COLD-MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken

All cold milled surface shall be overlaid

All lanes shall be reopened to traffic

Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and readjusted to finished grade in the Spring.

The initial manhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.

Temporary or permanent pavement marking shall be placed as applicable

PAVEMENT STATION NUMBERS AND PLACEMENTS

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 20mm (3/4 inch) wide, 125mm (5 inches) high and 15mm (5/8 inch) deep.

The pavement station numbers shall be installed as specified herein:

Interval - 100 meters (metric stationing) or 200 feet (English stationing)

Bottom of Numbers - 150 mm (6 inches) from the inside edge of the pavement marking

Location:

2, 3, & 5 Lane Pavements - right edge of pavement in direction of increasing stations

Multi-lane Divided Roadways - outside edge of pavement in both directions

Ramps - along baseline edge of pavement

Position - stations shall be placed so they can be read from the adjacent shoulder

Format - Metric (English) pavement stations shall use this format (XX+X00 (XXX'')), where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

| | | | | | | | | | | |
|---|------------------------------|------------|-----------|---|-----------------------------------|----------------------|------------------------|--------------------|-----------------------|---|
| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmerk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | COMMITMENTS, GENERAL NOTES | F.A.I. RTE. 74 | SECTION (90-15RS-3) | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 2 |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | | | | | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | | | | | | |
| | | DATE - | REVISED - | | SHEET NO. 1 OF 3 SHEETS | | | | | CONTRACT NO. 68508 <small>ILLINOIS FED. AID PROJECT</small> |

GENERAL NOTES (CONTINUED)

HOT-MIX ASPHALT CONCRETE REQUIREMENTS

The following mixture requirements are applicable for this project:

| Mixture Uses(s): | SURFACE COURSE | BINDER COURSE | INCIDENTAL HMA SURFACE /HMA SHOULDERS |
|--|-------------------------|------------------------|---------------------------------------|
| AC/PG | SBR OR SBS PG 76-22 | SBR OR SBS PG 76-22 | PG 64-22 |
| RAP % (Max): ** | 10% | 10% | 15% |
| Design Air Voids: | 4.0% @ N=90 | 4.0% @ N=90 | 4.0% @ N=50 |
| Mixture Compistion: (GRADATION MIXTURE) | IL 9.5 OR IL 12.5 | IL19.0 | IL 9.5 OR IL 12.5 |
| Friction Aggregate: | MIXTURE E | N.A. | MIXTURE C |

Esals = 29.1

** If RAP option is selected, the asphalt cement grade may need to be adjusted, this will be determined by the Materials Engineer.

BUTT JOINTS CUTTING TIME RESTRICTION

Butt Joints shall not be milled more than three (3) days prior to placement of the bituminous surface course

PAVING SURFACE COURSE

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

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02(i) and 670.04(e):

All of the telephone lines provided shall have unpublished numbers.

PROJECT SPECIFIC GENERAL NOTES

BREAKING REVETMENT MAT TO PLACE RIP RAP

This work consists of breaking the undermined concrete revetment mat into small pieces equivalent to the gradation of the RR3 under article 1005.01(c). The broken material will serve as bedding to the rip rap that will be placed on it. Locations and areas of the existing revetment mat are provided for infomational use only in the Schedules Of Quantities sheets.

This work will not be paid for separately but will be included in the prices for the rip rap pay items for these locations.

EROSION CONTROL QUANTITIES VERIFICATION

All erosion control areas and quantities on the plans are approximate. The Resident Engineer will verify the exact locations, areas, and quantities in the field.

RESTRICTIONS ON GUARDRAIL REMOVAL AND PLACEMENT

Any section of existing guardrail or guardrail terminal to be replaced or adjusted shall be done within 48 hours from the time that the existing section is removed.

| | | | | | | | | | | | |
|---|------------------------------|------------|-----------|---|--|---------------------------|-------------|----------|-----------------|--------------|--|
| FILE NAME = 1-74 Norton General File.dgn | USER NAME = k1lnerkk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES, PROJECT SPECIFIC GENERAL NOTES | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | | 74 | (90-15)RS-3 | TAZEWELL | 60 | 3 | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | | CONTRACT NO. 68508 | | | | | |
| | | DATE - | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | |

| SUMMARY OF QUANTITIES | | | | URBAN | | RURAL | |
|-----------------------|---|-------|----------------|--------------------|--|--------------------|--|
| | | | | INTERSTATE ROADWAY | | INTERSTATE ROADWAY | |
| CODE NO. | PAY ITEM | UNIT | TOTAL QUANTITY | 1000 100% FED | | 1000 100% FED | |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 10583 | 222 | | 10361 | |
| 21300010 | EXPLORATION TRENCH, SPECIAL | FOOT | 100 | | | 100 | |
| 21400100 | GRADING AND SHAPING DITCHES | FOOT | 9525 | 200 | | 9325 | |
| * 25000210 | SEEDING, CLASS 2A | ACRE | 2.3 | 0.05 | | 2.25 | |
| * 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 200 | 4 | | 196 | |
| * 25000600 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 200 | 4 | | 196 | |
| * 25000800 | POTASSIUM FERTILIZER NUTRIENT | POUND | 200 | 4 | | 196 | |
| * 25100835 | HEAVY DUTY EROSION CONTROL BLANKET | SQ YD | 10695 | 222 | | 10473 | |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 222 | 5 | | 217 | |
| 28000300 | TEMPORARY DITCH CHECKS | EACH | 98 | 40 | | 58 | |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 200 | | | 200 | |
| 28100825 | STONE DUMPED RIPRAP, CLASS B3 | TON | 4295 | 415 | | 3880 | |
| 28100830 | STONE DUMPED RIPRAP, CLASS B4 | TON | 61 | 61 | | | |
| 40600215 | POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) | TON | 126 | 24 | | 102 | |
| 40600300 | AGGREGATE (PRIME COAT) | TON | 846 | 157 | | 689 | |
| 40600895 | CONSTRUCTING TEST STRIP | EACH | 2 | | | 2 | |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 3040 | 1520 | | 1520 | |
| 40600990 | TEMPORARY RAMP | SQ YD | 374 | 187 | | 187 | |

*SPECIALTY ITEM

| SUMMARY OF QUANTITIES | | | | URBAN | | RURAL | |
|-----------------------|---|-------|----------------|--------------------|--|--------------------|--|
| | | | | INTERSTATE ROADWAY | | INTERSTATE ROADWAY | |
| CODE NO. | PAY ITEM | UNIT | TOTAL QUANTITY | 1000 100% FED | | 1000 100% FED | |
| 40603240 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL - 19.0, N90 | TON | 24295 | 4831 | | 19464 | |
| 40603570 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX"E", N90 | TON | 16600 | 3221 | | 13279 | |
| 40800050 | INCIDENTAL HOT-MIX ASPHALT SURFACING | TON | 490 | 97 | | 393 | |
| 44000157 | HOT-MIX ASPHALT SURFACE REMOVAL, 2" | SQ YD | 187848 | 37305 | | 150543 | |
| 44000164 | HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" | SQ YD | 3817 | | | 3817 | |
| 44004000 | PAVED DITCH REMOVAL | FOOT | 2030 | | | 2030 | |
| 44201031 | CLASS B PATCHES, TYPE II, 15 INCH | SQ YD | 5422 | 828 | | 4594 | |
| 44201035 | CLASS B PATCHES, TYPE III, 15 INCH | SQ YD | 385 | 22 | | 363 | |
| 44201037 | CLASS B PATCHES, TYPE IV, 15 INCH | SQ YD | 307 | 53 | | 254 | |
| 44201294 | CLASS B PATCH-EXPANSION JOINT | FOOT | 192 | 96 | | 96 | |
| 44201296 | DEFORMED BARS-EXPANSION JOINT | EACH | 176 | 88 | | 88 | |
| 44213100 | PAVEMENT FABRIC | SQ YD | 692 | 75 | | 617 | |
| 44213200 | SAW CUTS | FOOT | 30768 | 5696 | | 25072 | |
| 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 3009 | 509 | | 2500 | |
| 48203100 | HOT-MIX ASPHALT SHOULDERS | TON | 8672 | 1820 | | 6852 | |
| 60500310 | FILLING INLETS, SPECIAL | EACH | 2 | 2 | | | |
| * 63000130 | STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL) | FOOT | 175 | 75 | | 100 | |
| * 63100085 | TRAFFIC BARRIER TERMINAL, TYPE 6 | EACH | 10 | 2 | | 8 | |
| * 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 6 | 2 | | 4 | |
| 63200310 | GUARDRAIL REMOVAL | FOOT | 939 | 271 | | 668 | |

* SPECIALTY ITEM

FILE NAME = Summary sheets.dgn

USER NAME = johnsantv

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 100.0000' / IN.

CHECKED -

REVISED -

PLOT DATE = 2/12/2009

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET NO. 2 OF 4 SHEETS

F.A.I. RTE. 74

SECTION (90-15)RS-3

COUNTY TAZEWELL

TOTAL SHEETS 60

SHEET NO. 5

CONTRACT NO. 68508

ILLINOIS FED. AID PROJECT

| SUMMARY OF QUANTITIES | | | | URBAN | | RURAL | |
|-----------------------|--|--------|----------------|--------------------|--|--------------------|--|
| CODE NO. | PAY ITEM | UNIT | TOTAL QUANTITY | INTERSTATE ROADWAY | | INTERSTATE ROADWAY | |
| | | | | 1000 100% FED | | 1000 100% FED | |
| 63300900 | VERTICAL ADJUSTMENT OF GUARD RAIL | FOOT | 705 | 485 | | 220 | |
| 63500110 | DELINEATORS (SPECIAL) | EACH | 5 | | | 5 | |
| 64200105 | SHOULDER RUMBLE STRIP | FOOT | 133297 | 26546 | | 106751 | |
| 66502405 | WOVEN WIRE FENCE REMOVAL AND REPLACEMENT | FOOT | 3200 | | | 3200 | |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 12 | | | 12 | |
| 67100100 | MOBILIZATION | L SUM | 1 | 0.2 | | 0.8 | |
| 70100700 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701406 | L SUM | 1 | 0.2 | | 0.8 | |
| 70100800 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 | L SUM | 1 | 0.2 | | 0.8 | |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 60 | | | 60 | |
| 70106800 | CHANGEABLE MESSAGE SIGN | CAL MO | 12 | | | 12 | |
| 70300100 | SHORT - TERM PAVEMENT MARKING | FOOT | 37096 | 7176 | | 29920 | |
| 70300625 | TEMPORARY PAINT PAVEMENT MARKING LINE 4" | FOOT | 151895 | 15125 | | 136770 | |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 4002 | 779 | | 3223 | |
| 78003130 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" | FOOT | 16662 | 3332 | | 13330 | |
| * 78005110 | EPOXY PAVEMENT MARKING - LINE 4" | FOOT | 135233 | 26932 | | 108301 | |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 831 | 166 | | 665 | |
| * 78200410 | GUARDRAIL MARKERS, TYPE A | EACH | 16 | 8 | | 8 | |
| * 78201000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 6 | 2 | | 4 | |

* SPECIALTY ITEM

| | | | |
|-----------------------------------|-----------------------|------------|-----------|
| FILE NAME = Summary sheets.dgn | USER NAME = johnsantv | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |

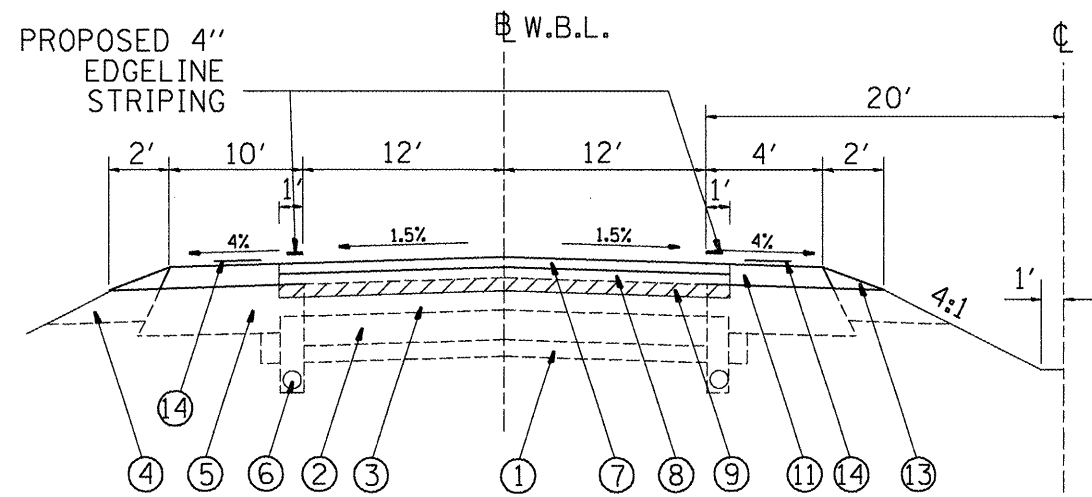
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| |
|------------------------------|
| SUMMARY OF QUANTITIES |
| SHEET NO. 3 OF 4 SHEETS |

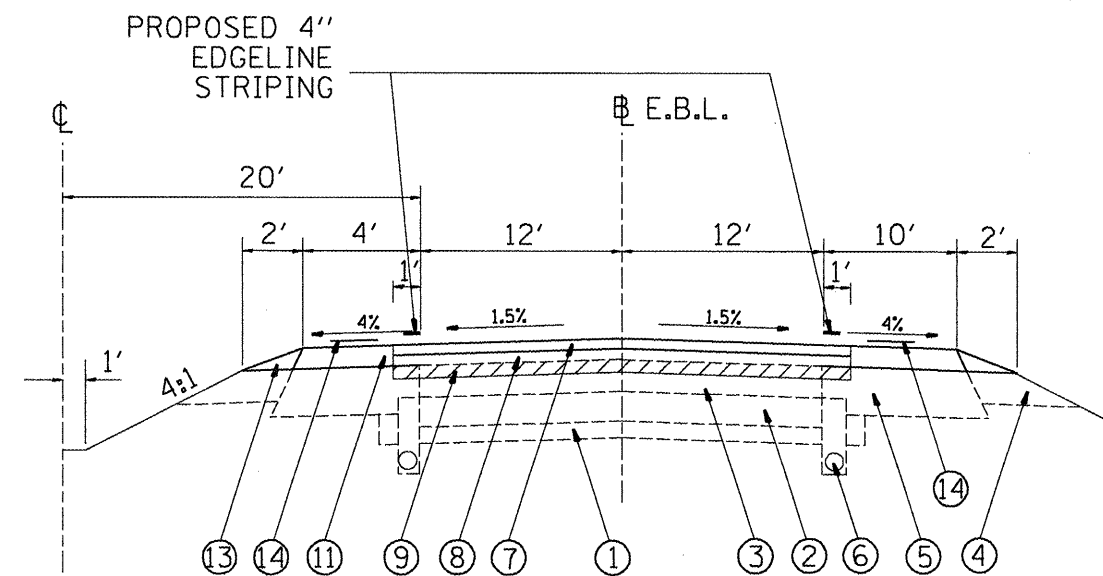
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|--------------------|------------------------|--------------------|--------------------|----------------|
| F.A.I. RTE. 74 | SECTION (90-15)RS-3 | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 6 |
| CONTRACT NO. 68508 | | | | |

| SUMMARY OF QUANTITIES | | | | | URBAN | | RURAL | |
|-----------------------------------|--|-------|----------------|--------------------|-------|--------------------|-------|--|
| CODE NO. | PAY ITEM | UNIT | TOTAL QUANTITY | INTERSTATE ROADWAY | | INTERSTATE ROADWAY | | |
| | | | | 1000 100% FED | | 1000 100% FED | | |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 831 | 166 | | 665 | | |
| X0301512 | GUARDRAIL AGGREGATE EROSION CONTROL | TON | 113 | | | 113 | | |
| X0320887 | POLYMER CONCRETE | CU FT | 116 | 58 | | 58 | | |
| X0322729 | MATERIAL TRANSFER DEVICE | TON | 40433 | 8087 | | 32346 | | |
| <input type="checkbox"/> X2503100 | MOWING | UNIT | 678 | 140 | | 538 | | |
| X6330210 | VERTICAL ADJUSTMENT OF TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT) | EACH | 1 | 1 | | | | |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | | | 1 | | |
| Z0017202 | DOWEL BARS 1 1/2" | EACH | 12000 | 2274 | | 9726 | | |
| Z0020800 | EROSION CONTROL CURB | FOOT | 218 | 218 | | | | |
| Z0020805 | EROSION CONTROL CURB REMOVAL | FOOT | 218 | 218 | | | | |
| Z0075310 | TIE BARS 3/4" | EACH | 115 | 20 | | 95 | | |
| X0326345 | REMOVAL AND REPLACEMENT OF STEEL PLATE BEAM GUARD RAIL, RAIL ELEMENT (SPECIAL) | FOOT | 187.5 | 137.5 | | 50 | | |
| <input type="checkbox"/> X0326343 | SHOULDER CLEANING | UNIT | 131 | 26 | | 105 | | |
| X0326344 | GROUT SLURRY,SPECIAL | CU YD | 20 | | | 20 | | |

NON-PARTICIPATING 100% STATE



WESTBOUND STA. 634+80.00 TO STA. 653+76.50

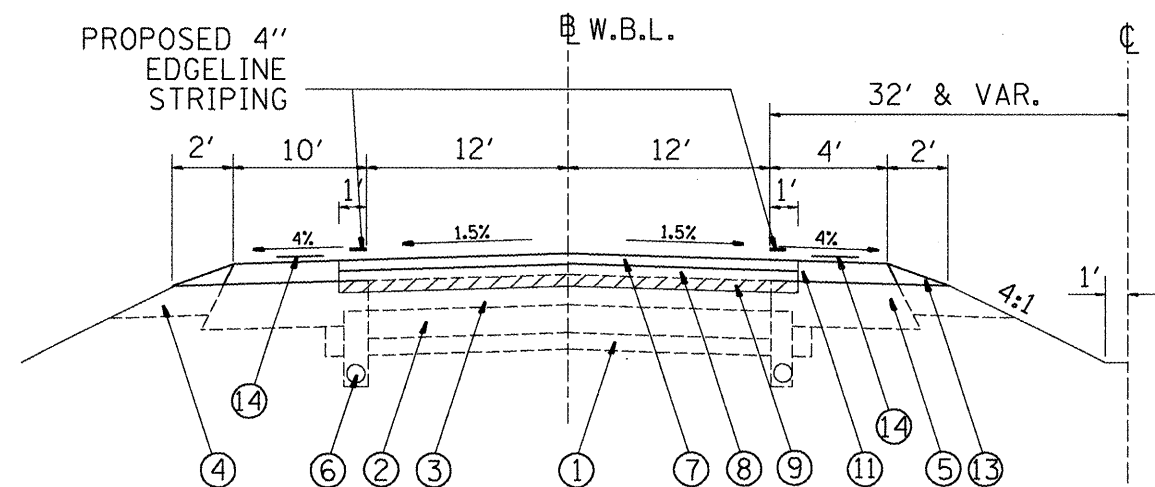


EASTBOUND STA. 634+64.00 TO STA. 653+76.50

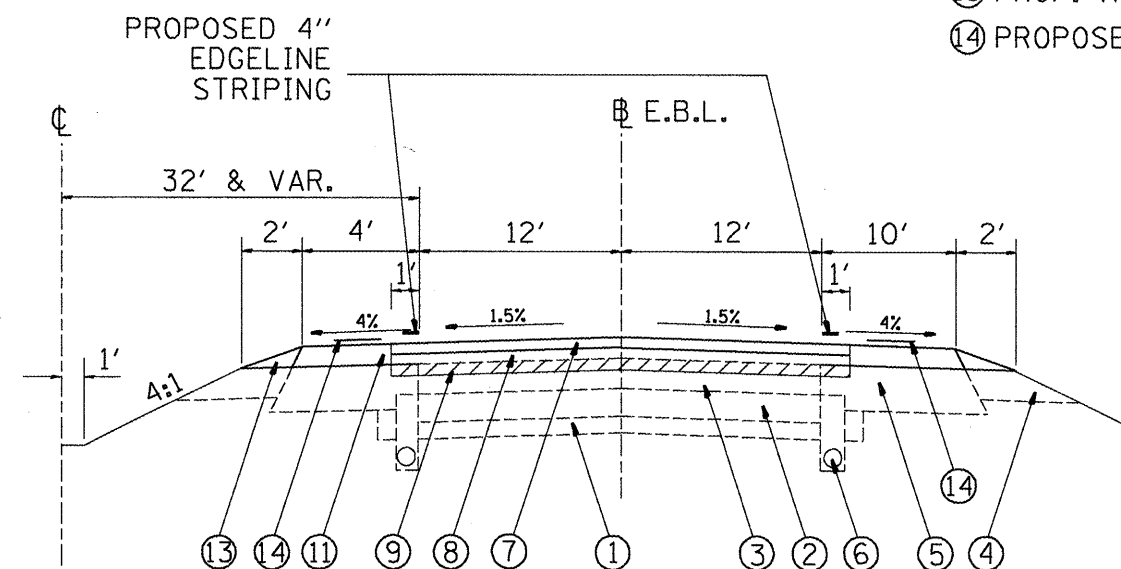
TYPICAL SECTION 1

LEGEND

- ① EXIST. SUB-BASE GRAN. MATERIAL 6"
- ② EXIST. P.C.C. PAVEMENT, 10"
- ③ EXIST. OVERLAY 5 1/2" AVG. THICKNESS
- ④ EXIST. AGGREGATE SHOULDER
- ⑤ EXIST. BIT. SHOULDER
- ⑥ EXIST. PIPE UNDERDRAIN 4"
- ⑦ PROP. HOT MIX ASPHALT SURF. CSE. 1 1/2"
- ⑧ PROP. HOT MIX ASPHALT BINDER COURSE 2 1/4"
- ⑨ PROP. HMA SURFACE REMOVAL (COLD MILLING), 2"
- ⑩ PROP. HMA SURFACE REMOVAL (COLD MILLING), 3 3/4"
- ⑪ PROP. HMA SHOULDER 1 3/4"
- ⑫ PROP. HMA SHOULDER 3 3/4"
- ⑬ PROP. AGGREGATE SHOULDER TYPE "B"
- ⑭ PROPOSED RUMBLE STRIPS



WESTBOUND STA. 653+76.50 TO STA. 804+28.11
 STATION EQUATION: 804+28.11(BK) = 804+23.11(AH)
 WESTBOUND STA. 804+23.11 TO STA. 920+34.73
 WESTBOUND STA. STA. 924+86.73 TO STA. 973+20.00



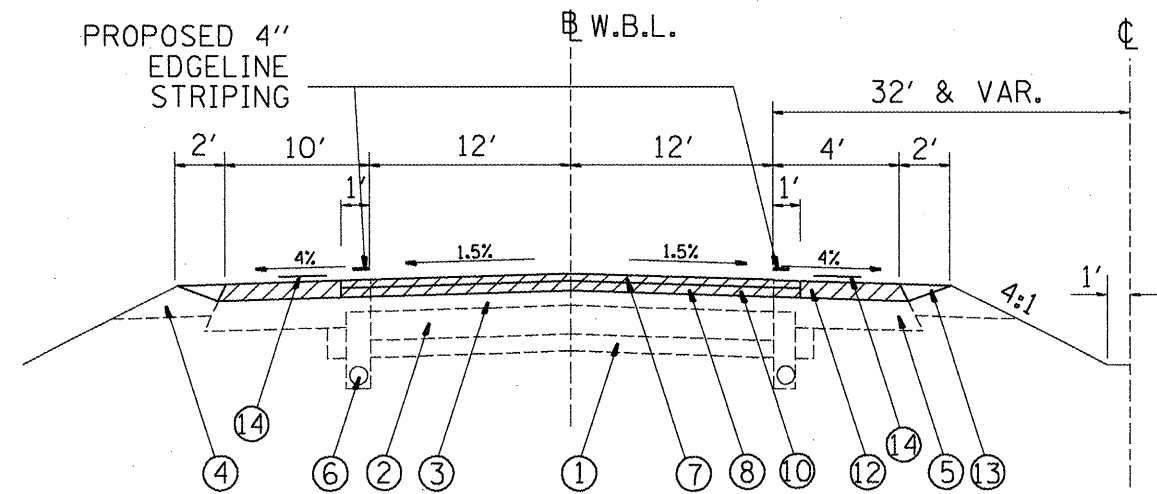
EASTBOUND STA. 653+76.50 TO STA. 804+28.11
 STATION EQUATION: 804+28.11(BK) = 804+23.11(AH)
 EASTBOUND STA. 804+23.11 TO STA. 920+34.73
 EASTBOUND STA. STA. 924+86.73 TO STA. 973+20.00

TYPICAL SECTION 2

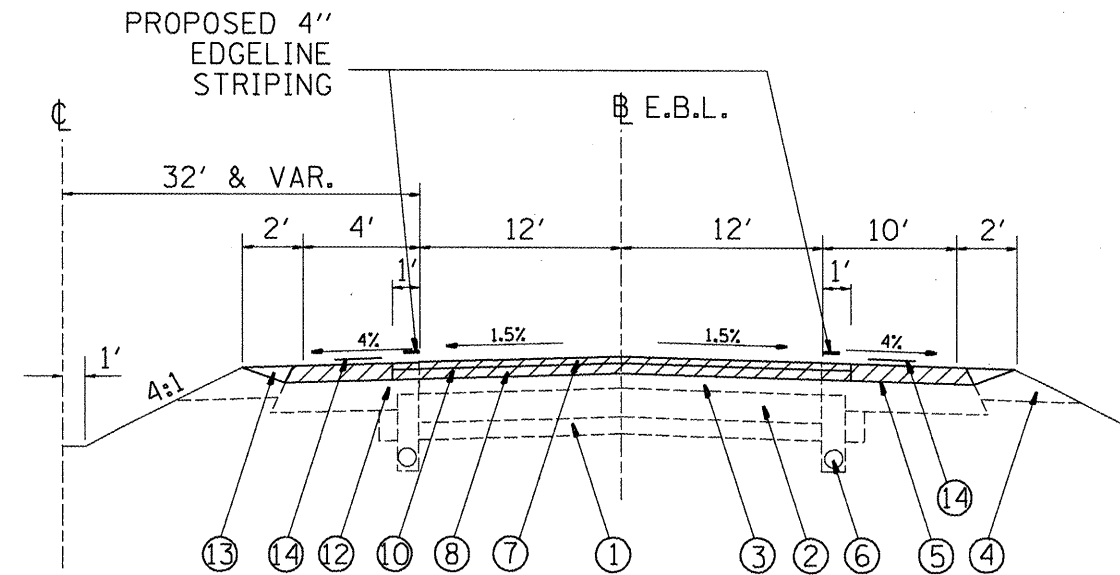
NOTE:

BRIDGE OMISSION
 SN 090-0021, 0022
 STA. 644+27.11
 SN 090-0023, 0024
 STA. 905+20.00

STRUCTURES OVER I-74
 SN 090-0084
 STA. 686+89.76
 SN 090-0075
 STA. 765+17.14
 SN 090-0077
 STA. 922+60.73



WESTBOUND STA. 920+34.73 TO STA. 924+86.73



EASTBOUND STA. 920+34.73 TO STA. 924+86.73

SN 090-0077 ϕ STA. 922+60.73
 BEGIN TAPER = STA. 920+34.73
 BEGIN 3.75 IN REMOVAL = STA. 921+84.73
 END 3.75 IN REMOVAL = STA. 923+36.73
 END TAPER = STA. 924+86.73

TYPICAL SECTION 3

NOTE: SEE PAVEMENT OVERLAY UNDER S.N. 090-0077 DETAIL

LEGEND

- ① EXIST. SUB-BASE GRAN. MATERIAL 6"
- ② EXIST. P.C.C. PAVEMENT, 10"
- ③ EXIST. OVERLAY 5 1/2" AVG. THICKNESS
- ④ EXIST. AGGREGATE SHOULDER
- ⑤ EXIST. BIT. SHOULDER
- ⑥ EXIST. PIPE UNDERDRAIN 4"
- ⑦ PROP. HOT MIX ASPHALT SURF. CSE. 1 1/2"
- ⑧ PROP. HOT MIX ASPHALT BINDER COURSE 2 1/4"
- ⑨ PROP. HMA SURFACE REMOVAL (COLD MILLING), 2"
- ⑩ PROP. HMA SURFACE REMOVAL (COLD MILLING), 3 3/4"
- ⑪ PROP. HMA SHOULDER 1 3/4"
- ⑫ PROP. HMA SHOULDER 3 3/4"
- ⑬ PROP. AGGREGATE SHOULDER TYPE "B"
- ⑭ PROPOSED RUMBLE STRIPS

TYPICAL SECTION

MEDIAN CROSSOVERS
 MEDIAN STA. 675+65 AND 830+93
 (SEE MEDIAN CROSSOVER DETAIL SHEET)

NOTE:

BRIDGE OMISSION
 SN 090-0021, 0022
 STA. 644+27.11
 SN 090-0023, 0024
 STA. 905+20.00

STRUCTURES OVER I-74

SN 090-0084
 STA. 686+89.76
 SN 090-0075
 STA. 765+17.14
 SN 090-0077
 STA. 922+60.73

FILE NAME =
 I-74 Morton General File.dgn

USER NAME = kilmank

DESIGNED -

DRAWN -

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DATE -

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-74 PROPOSED TYPICAL SECTIONS

NOT TO SCALE SHEET NO. 2 OF 2 SHEETS STA. 634+64.00 TO STA. 973+20.00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------|----------|--------------|-----------|
| 74 | (90-15RS-3) | TAZEWELL | 60 | 9 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| LOCATION | HMA SURFACE REMOVAL BUTT JT | TEMP RAMP | HMA SURFACE REMOVAL 2" | HMA SURFACE REMOVAL 3 -3/4" | POLY BITUMINOUS MATERIALS PRIME COAT | | AGGREGATE PRIME COAT | | POLY HMA SURFACE CSE MIX "E", N90 | POLY HMA BINDER, IL 19.0, N90 | MATERIAL TRANSFER DEVICE | AGGREGATE SHOULDERS, TY B | | HMA ASPHALT SHOULDERS | SHOULDER RUMBLE STRIP |
|-------------------------|-----------------------------|-----------------|------------------------|-----------------------------|--------------------------------------|-----------|----------------------|------------|-----------------------------------|-------------------------------|--------------------------|---------------------------|-------------|-----------------------|-----------------------|
| | SQYD | SQYD | SQYD | SQYD | TONS | TONS | TONS | TONS | TONS | TONS | TONS | TONS | TONS | TONS | TONS |
| Eastbound | | | MAINLINE | MAINLINE | MAINLINE | SHOULDER | MAINLINE | SHOULDER | | | | OUTSIDE | INSIDE | SHOULDER | |
| Sta 635+10 - Sta 642+58 | 506.6 | 62.2 | 1814.51 | | 1.04 | 0.37 | 5.98 | 3.49 | 181.54 | 272.31 | 453.85 | 0 | 11.35 | 97.75 | 1496.20 |
| Sta 645+37 - Sta 700+00 | 253.3 | 31.1 | 15610.08 | | 7.58 | 2.72 | 43.71 | 25.5 | 1325.81 | 1988.71 | 3314.52 | 110.34 | 130.67 | 713.9 | 31783.20 |
| Sta 700+00 - Sta 750+00 | | | 14444.44 | | 6.93 | 2.49 | 40 | 23.33 | 1213.33 | 1820 | 3033.33 | 119.58 | 119.58 | 653.33 | |
| Sta 750+00 - Sta 804+28 | | | 15681.21 | | 7.53 | 2.7 | 43.42 | 25.33 | 1317.22 | 1975.83 | 3293.05 | 120.85 | 129.82 | 709.27 | |
| Sta 804+23 - Sta 860+00 | | | 16111.12 | | 7.73 | 2.78 | 44.62 | 26.03 | 1353.33 | 2030 | 3383.33 | 133.36 | 133.36 | 728.71 | |
| Sta 860+00 - Sta 904+01 | 253.3 | 31.1 | 12541.65 | | 6.1 | 2.19 | 35.21 | 20.54 | 1068.06 | 1602.09 | 2670.15 | 95.29 | 98.04 | 575.11 | 19956.40 |
| Sta 906+07 - Sta 973+20 | 506.6 | 62.2 | 17741.71 | 1908.44 | 9.31 | 3.34 | 53.71 | 31.33 | 1629.11 | 2443.66 | 4072.77 | 150.16 | 160.56 | 858.28 | 13426.80 |
| Westbound | | | | | | | | | | | | | | | |
| Sta 635+24 - Sta 643+12 | 506.6 | 62.2 | 1931.34 | | 1.09 | 0.39 | 6.31 | 3.68 | 191.35 | 287.03 | 478.38 | 0 | 10.28 | 103.04 | 1577.00 |
| Sta 645+91 - Sta 700+00 | 253.3 | 31.1 | 15452 | | 7.5 | 2.69 | 43.27 | 25.24 | 1312.53 | 1968.79 | 3281.32 | 104.48 | 122.78 | 706.75 | 31673.80 |
| Sta 700+00 - Sta 750+00 | | | 14444.44 | | 6.93 | 2.49 | 40 | 23.33 | 1213.33 | 1820 | 3033.33 | 119.58 | 119.58 | 653.33 | |
| Sta 750+00 - Sta 804+28 | | | 15681.21 | | 7.53 | 2.7 | 43.42 | 25.33 | 1317.22 | 1975.83 | 3293.05 | 120.47 | 129.82 | 709.27 | |
| Sta 804+23 - Sta 860+00 | | | 16111.02 | | 7.73 | 2.78 | 44.62 | 26.03 | 1353.33 | 2030 | 3383.33 | 133.36 | 133.36 | 728.71 | |
| Sta 860+00 - Sta 904+33 | 253.3 | 31.1 | 12634.15 | | 6.15 | 2.21 | 35.47 | 20.69 | 1075.83 | 1613.74 | 2689.57 | 103.47 | 105.27 | 579.29 | 20020.60 |
| Sta 906+39 - Sta 973+20 | 506.6 | 62.2 | 17649.21 | 1908.44 | 9.26 | 3.33 | 53.45 | 31.18 | 1621.34 | 2432.01 | 4053.35 | 141.43 | 152.43 | 854.1 | 13362.70 |
| MEDIAN X-OVERS | | | | | | | | | 326 | 35 | | | | | |
| | | | | | | | | | | | | 1452.37 | 1556.9 | | |
| SUBTOTAL | | | | | 93 | 33 | 534 | 312 | 16499.33 | | 40433.33 | 1452 | 1557 | | |
| TOTAL | 3040 SQYD | 374 SQYD | 187848 SQYD | 3817 SQYD | 126 TONS | | 846 TONS | | 16500 TONS | 24295 TONS | 40433 TONS | 3009 TONS | | 8672 TONS | 133297 FOOT |

APPLICATION RATES

| DESCRIPTION | RATE | UNITS |
|---|------|-------------|
| BIT MTRL PRIME COAT ON MILLED SURFACE | 0.1 | GAL / SQYD |
| BIT MTRL PRIME COAT ON NEW BINDER SURFACE | 0.03 | GAL / SQYD |
| AGG PRIME COAT ON MILLED SURFACE | 4 | LBS/ SQYD |
| AGG PRIME COAT ON NEW BINDER SURFACE | 2 | LBS/ SQYD |
| HOT MIX ASPHALT | 112 | LBS/SQYD/IN |

| LOCATION | SHOULDER CLEANING (EXISTING BIT) | | INCIDENTAL HMA (FOR SHOULDER REPAIR) | |
|-------------------------|----------------------------------|--------------|--------------------------------------|---------------|
| | RT | LT | RT | LT |
| Eastbound | | | | |
| Sta 635+69 - Sta 641+97 | 0.63 | 0.63 | 2.36 | 2.36 |
| Sta 645+96 - Sta 704+32 | 5.84 | 5.84 | 21.89 | 21.89 |
| Sta 704+32 - Sta 903+41 | 19.91 | 19.91 | 74.66 | 74.66 |
| Sta 904+01 - Sta 920+34 | 1.63 | 1.63 | 6.12 | 6.12 |
| Sta 924+87 - Sta 972+60 | 4.77 | 4.77 | 17.9 | 17.9 |
| Westbound | | | | |
| Sta 642+52 - Sta 635+84 | 4.77 | 4.77 | 17.9 | 17.9 |
| Sta 704+32 - Sta 646+51 | 1.34 | 1.34 | 5.01 | 5.01 |
| Sta 903+73 - Sta 704+32 | 19.94 | 19.94 | 74.78 | 74.78 |
| Sta 920+34 - Sta 906+98 | 5.78 | 5.78 | 21.68 | 21.68 |
| Sta 972+60 - Sta 924+87 | 0.67 | 0.67 | 2.51 | 2.51 |
| SUBTOTALS | 65.28 | 65.28 | 244.81 | 244.81 |
| Total | 131 | | 490 | |

| CONSTRUCTING TEST STRIP | |
|-------------------------|----------|
| LOCATION | EACH |
| JOBSITE | 2 |
| TOTAL | 2 |

| LOCATION | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | RAISED REFLECTIVE PAVEMENT MARKER |
|-------------------------|---|-----------------------------------|
| | EACH | EACH |
| Eastbound | | |
| Sta 635+10 - Sta 642+58 | 9 | 9 |
| Sta 645+37 - Sta 804+28 | 198 | 198 |
| Sta 804+23 - Sta 904+01 | 124 | 124 |
| Sta 906+07 - Sta 973+20 | 84 | 84 |
| Westbound | | |
| Sta 635+24 - Sta 643+12 | 10 | 10 |
| Sta 645+91 - Sta 804+28 | 198 | 198 |
| Sta 804+23 - Sta 904+33 | 125 | 125 |
| Sta 906+39 - Sta 973+20 | 83 | 83 |
| TOTAL | 831 | 831 |

FILE NAME = I-74 Morton General File.dgn

USER NAME = kilmank
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 2/11/2009

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 DATE -

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RESURFACING SCHEDULE

SHEET NO. 1 OF 7 SHEETS

| | | | | |
|---------------------|-------------|---------------------------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 10 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 68508 | | |

| PATCH | CL B PATCH TYPE II 15 IN | | CL B PATCH TYPE III 15 IN | | CL B PATCH TYPE IV 15 IN | | EXPANSION JOINTS | DEFORMED BARS EXP JOINT | TIE BARS | PAVEMENT FABRIC | SAW CUTS | DOWEL BARS |
|--------------|--------------------------|--------------|---------------------------|------------|--------------------------|------------|------------------|-------------------------|------------|-----------------|---------------|---------------|
| | UNITS | NO. | SQ.YD | NO. | SQ.YD | NO. | | | | | | |
| E.B. | | | | | | | | | | | | |
| 1 | 58 | 509.3 | --- | --- | 2 | 53.3 | 48.0 | 44 | 20 | 53.3 | 3,004.0 | 1,200 |
| 2 | 50 | 522.7 | 5 | 96.0 | --- | --- | --- | --- | --- | 96.0 | 2,908.0 | 1,100 |
| 3 | 41 | 392.0 | --- | --- | 1 | 26.7 | --- | --- | 10 | 26.7 | 2,140.0 | 840 |
| 4 | 108 | 1,042.7 | 5 | 90.7 | 2 | 53.3 | 48.0 | 44 | 20 | 144.0 | 5,920.0 | 2,300 |
| 5 | 20 | 216.0 | --- | --- | --- | --- | --- | --- | --- | --- | 1,044.0 | 400 |
| 6 | 51 | 528.0 | 4 | 74.7 | 2 | 106.7 | --- | --- | 40 | 181.3 | 3,116.0 | 1,140 |
| W.B. | | | | | | | | | | | | |
| 1 | 33 | 283 | --- | --- | --- | --- | 48.0 | 44 | --- | --- | 1,612.0 | 660 |
| 2 | 35 | 352 | --- | --- | --- | --- | --- | --- | --- | --- | 1,788.0 | 700 |
| 3 | 48 | 437 | 3 | 58.7 | --- | --- | --- | --- | --- | 58.7 | 2,580.0 | 1,020 |
| 4 | 49 | 456.0 | 1 | 16.0 | --- | --- | 48.0 | 44 | --- | 16.0 | 2,508.0 | 1,000 |
| 5 | 19 | 170.7 | 2 | 32.0 | 1 | 66.7 | --- | --- | 25 | 98.7 | 1,196.0 | 440 |
| 6 | 59 | 512.0 | 1 | 16.0 | --- | --- | --- | --- | --- | 16.0 | 2,952.0 | 1,200 |
| TOTAL | | 5,422 | | 385 | | 307 | 192 | 176 | 115 | 691 | 30,768 | 12,000 |

| POLYMER CONCRETE | |
|---------------------------|------------|
| LOCATION | CU FT |
| EASTBOUND STATIONS | |
| * Sta 641+57 - | 14.5 |
| * Sta 646+36 - | 14.5 |
| * Sta 903+84 - | 14.5 |
| * Sta 906+23 - | 14.5 |
| WESTBOUND STATIONS | |
| * Sta 639+17 | 14.5 |
| * Sta 647+65 | 14.5 |
| * Sta 904+16 - | 14.5 |
| * Sta 906+55 - | 14.5 |
| TOTAL | 116 |

| MOBILIZATION | |
|--------------|----------|
| LOCATION | LSUM |
| JOBSITE | 1 |
| Total | 1 |

| ENGINEERS FIELD OFFICE, TY A | |
|------------------------------|-----------|
| LOCATION | CAL MO |
| JOBSITE | 12 |
| Total | 12 |

| CONSTRUCTION LAYOUT | |
|---------------------|----------|
| LOCATION | LSUM |
| JOBSITE | 1 |
| Total | 1 |

| WOVEN WIRE FENCE REMOVAL & REPLACEMENT | |
|--|-------------|
| LOCATION | FOOT |
| Eastbound | |
| Sta 770+80 - Sta 788+50 | 1770 |
| Sta 819+50 - Sta 820+00 | 50 |
| Sta 835+00 - Sta 835+70 | 70 |
| Sta 841+00 - Sta 841+50 | 50 |
| Sta 844+00 - Sta 844+70 | 70 |
| Sta 848+00 - Sta 849+20 | 120 |
| Sta 893+00 - Sta 894+50 | 150 |
| Sta 896+00 - Sta 896+60 | 60 |
| Sta 932+20 - Sta 933+00 | 80 |
| Sta 959+00 - Sta 959+80 | 80 |
| Westbound | |
| Sta 810+50 - Sta 811+50 | 100 |
| Sta 813+00 - Sta 814+00 | 100 |
| Sta 815+00 - Sta 816+50 | 150 |
| Sta 835+00 - Sta 838+00 | 300 |
| Sta 924+50 - Sta 925+00 | 50 |
| Total | 3200 |

FILE NAME = 1-74 Morton General File.dgn
 USER NAME = k11menkk
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 2/11/2009

DESIGNED -
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 DATE -
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 SHEET NO. 2 OF 7 SHEETS

| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-------------|----------|---------------------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 11 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 68508 | |

| GRADING & SHAPING DITCHES | | |
|---------------------------|------------|-------------|
| LOCATION | | FOOT |
| Eastbound | | |
| Sta 682+00 | Sta 684+00 | 200 |
| Sta 766+80 | Sta 785+75 | 1895 |
| Sta 882+00 | Sta 895+00 | 1300 |
| Sta 929+00 | Sta 931+00 | 200 |
| Sta 951+00 | Sta 952+00 | 100 |
| Sta 953+50 | Sta 957+50 | 400 |
| Westbound | | |
| Sta 711+70 | Sta 735+70 | 2400 |
| Sta 761+00 | Sta 765+80 | 480 |
| Sta 874+00 | Sta 875+00 | 100 |
| Sta 915+00 | Sta 922+00 | 700 |
| Sta 936+00 | Sta 953+50 | 1750 |
| Total | | 9525 |

| TOPSOIL FURNISH & PLACE, 4" | | |
|-----------------------------|------------|-------------------|
| LOCATION | | SQYD |
| Eastbound | | |
| Sta 682+00 | Sta 684+00 | 222.22 SQYD |
| Sta 766+80 | Sta 785+75 | 2105.56 SQYD |
| Sta 882+00 | Sta 895+00 | 1444.44 SQYD |
| Sta 929+00 | Sta 931+00 | 222.22 SQYD |
| Sta 951+00 | Sta 952+00 | 111.11 SQYD |
| Sta 953+50 | Sta 957+50 | 444.44 SQYD |
| Westbound | | |
| Sta 711+70 | Sta 735+70 | 2666.67 SQYD |
| Sta 761+00 | Sta 765+80 | 533.33 SQYD |
| Sta 874+00 | Sta 875+00 | 111.11 SQYD |
| Sta 915+00 | Sta 922+00 | 777.78 SQYD |
| Sta 936+00 | Sta 953+50 | 1944.44 SQYD |
| Total | | 10583 SQYD |

| | NITROGEN FERTILIZER NUTRIENT | PHOSPHORUS FERTILIZER NUTRIENT | POTASSIUM FERTILIZER NUTRIENT | SEEDING, CL 2A | HEAVY DUTY EROSION CONTROL BLANKET | PERIMETER EROSION BARRIER | TEMP DITCH CHECKS | TEMPORARY EROSION CONTROL SEEDING |
|----------------------------------|------------------------------------|--------------------------------------|-------------------------------------|-------------------|---|---------------------------------|----------------------|--|
| APPLICATION RATE - IF APPLICABLE | 90 #/ACRE | 90 #/ACRE | 90 #/ACRE | 200 #/ACRE | | | | 100#/ACRE |
| LOCATION | POUND | POUND | POUND | ACRE | SQ YD | FOOT | Each | POUND |
| Eastbound | | | | | | | | |
| Sta 682+00 - Sta 684+00 | 4.14 | 4.14 | 4.14 | 0.046 | 222.22 | | 2 | 4.6 |
| Sta 766+80 - Sta 785+75 | 39.15 | 39.15 | 39.15 | 0.435 | 2105.56 | | 19 | 43.5 |
| Sta 819+00 - Sta 820+00 | 2.61 | 2.61 | 2.61 | 0.029 | 111.11 | 200 | | 2.9 |
| Sta 882+00 - Sta 895+00 | 26.82 | 26.82 | 26.82 | 0.298 | 1444.44 | | 13 | 29.8 |
| Sta 929+00 - Sta 931+00 | 4.14 | 4.14 | 4.14 | 0.046 | 222.22 | | 2 | 4.6 |
| Sta 951+00 - Sta 952+00 | 2.07 | 2.07 | 2.07 | 0.023 | 111.11 | | 2 | 2.3 |
| Sta 953+50 - Sta 957+50 | 8.28 | 8.28 | 8.28 | 0.092 | 444.44 | | 4 | 9.2 |
| Westbound | | | | | | | | |
| Sta 711+70 - Sta 735+70 | 49.59 | 49.59 | 49.59 | 0.551 | 2666.67 | | 24 | 55.1 |
| Sta 761+00 - Sta 765+80 | 9.90 | 9.90 | 9.90 | 0.11 | 533.33 | | 4 | 11 |
| Sta 874+00 - Sta 875+00 | 2.07 | 2.07 | 2.07 | 0.023 | 111.11 | | 2 | 2.3 |
| Sta 915+00 - Sta 922+00 | 14.49 | 14.49 | 14.49 | 0.161 | 777.78 | | 7 | 16.1 |
| Sta 936+00 - Sta 953+50 | 36.18 | 36.18 | 36.18 | 0.402 | 1944.44 | | 19 | 40.2 |
| TOTAL | 200 | 200 | 200 | 2.3 | 10,695 | 200 | 98 | 222 |

FILE NAME = I-74 Morton General File.dgn

USER NAME = kilmankk

DESIGNED -

REVISED -

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REVISED -

PLOT SCALE = 100.0000' / IN.

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REVISED -

PLOT DATE = 2/11/2009

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF EROSION CONTROL ITEMS

SHEET NO. 3 OF 7 SHEETS

F.A.I.
RTE.
74

SECTION
(90-15IRS-3)

COUNTY
TAZEWELL

TOTAL SHEETS
60

SHEET NO.
12

CONTRACT NO. 68508

FED. ROAD DIST. NO.

ILLINOIS FED. AID PROJECT

| | STONE DUMPED RIP RAP, CLASS B3 | STONE DUMPED RIP RAP, CLASS B4 | PAVED DITCH REMOVAL | REVTMENT MAT BREAKING FOR INFO ONLY |
|--------------------------------------|-----------------------------------|-----------------------------------|------------------------|---|
| APPLICATION RATES - IF APPLICABLE | 1.5 TONS / CUYD | 1.5 TONS / CUYD | | |
| UNITS | TONS | TONS | FOOT | SQYD |
| Eastbound | | | | |
| Sta 665+18 | 4 | | | |
| Sta 670+50 | 15 | | | |
| Sta 675+50 | | 23 | | |
| Sta 698+50 | | 23 | | |
| Sta 710+60 - Sta 710+90 | 12 | | | |
| Sta 737+00 | 8 | | | |
| Sta 747+00 - Sta 764+81 REVTMENT MAT | 1583 | | | 1583 |
| Sta 775+00 | 12 | | | |
| Sta 783+50 | 12 | | | |
| Sta 810+00 - Sta 822+00 PAVED DITCH | 1067 | | 1200 | |
| Sta 822+00 - Sta 830+20 REVTMENT MAT | 729 | | | 729 |
| Sta 873+30 | 6 | | | |
| Sta 879+14 | 10 | | | |
| Sta 895+90 | 11 | | | |
| Sta 904+00 | 22 | | | |
| Sta 943+00 | 8 | | | |
| Sta 954+00 | 8 | | | |
| Westbound | | | | |
| Sta 698+50 | | 15 | | |
| Sta 711+90 | 5 | | | |
| Sta 743+30 | 18 | | 30 | |
| Sta 747+00 | 8 | | | |
| Sta 814+00 | 6 | | | |
| Sta 814+00 - Sta 822+00 PAVED DITCH | 711 | | 800 | |
| Sta 826+90 - Sta 827+40 | 23 | | | |
| Sta 875+60 - Sta 875+90 | 14 | | | |
| Sta 890+10 | 3 | | | |
| TOTAL | 4295 | 61 | 2030 | 2312 |

| GROUT SLURRY SPECIAL | |
|----------------------------|-----------|
| LOCATION | CU YD |
| Eastbound | |
| @ Sta 874+00 (PAVED DITCH) | 17 |
| @ Sta 879+07 (HEADWALL) | 3 |
| Total | 20 |

FILE NAME =
1-74 Morton General File.dgn

USER NAME = kjlmenkk

DESIGNED -

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REVISED -

PLOT DATE = 2/11/2009

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF EROSION CONTROL ITEMS

SHEET NO. 4 OF 7 SHEETS

| F.A.I RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-------------|----------|--------------------|--------------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 13 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 68508 | |

| LOCATION | SHORT TERM PAVEMENT MARKINGS | | WORK ZONE PAVEMENT MARKING REMOVAL | |
|-------------------------|------------------------------|------|------------------------------------|-------------|
| | FOOT | SQFT | WHITE | YELLOW |
| Eastbound | | | | |
| Sta 635+10 - Sta 642+58 | LENGTH | | | |
| white skip dashes | 76 FT X 3 APPLICATIONS | | 228 | 76 |
| white shoulder stripes | 28 FT X 3 APPLICATIONS | | 84 | 28 |
| yellow shoulder stripes | 28 FT X 3 APPLICATIONS | | | 84 |
| Sta 645+37 - Sta 904+01 | | | | |
| white skip dashes | 2587 FT X 3 APPLICATIONS | | 7761 | 2587 |
| white shoulder stripes | 1035 FT X 3 APPLICATIONS | | 3105 | 1035 |
| yellow shoulder stripes | 1035 FT X 3 APPLICATIONS | | | 3105 |
| Sta 906+07 - Sta 973+20 | | | | |
| white skip dashes | 676 FT X 3 APPLICATIONS | | 2028 | 676 |
| white shoulder stripes | 268 FT X 3 APPLICATIONS | | 804 | 268 |
| yellow shoulder stripes | 268 FT X 3 APPLICATIONS | | | 804 |
| Westbound | | | | |
| Sta 635+24 - Sta 643+12 | | | | |
| white skip dashes | 84 FT X 3 APPLICATIONS | | 252 | 84 |
| white shoulder stripes | 28 FT X 3 APPLICATIONS | | 84 | 28 |
| yellow shoulder stripes | 28 FT X 3 APPLICATIONS | | | 84 |
| Sta 645+91 - Sta 904+01 | | | | |
| white skip dashes | 2588 FT X 3 APPLICATIONS | | 7764 | 2588 |
| white shoulder stripes | 1036 FT X 3 APPLICATIONS | | 3108 | 1036 |
| yellow shoulder stripes | 1036 FT X 3 APPLICATIONS | | | 3108 |
| Sta 906+07 - Sta 973+20 | | | | |
| white skip dashes | 668 FT X 3 APPLICATIONS | | 2004 | 668 |
| white shoulder stripes | 268 FT X 3 APPLICATIONS | | 804 | 268 |
| yellow shoulder stripes | 268 FT X 3 APPLICATIONS | | | 804 |
| SUBTOTAL | | | 28026 | 7989 |
| | | | | 9342 |
| | | | | 2663 |
| SUBTOTAL X 103% | | | 28867 | 8229 |
| Total | | | 37096 | 4002 |

| DELINEATORS, SPECIAL | |
|------------------------------|----------|
| LOCATION | EACH |
| MEDIAN X-OVER @ STA 716+74.5 | 5 |
| Total | 5 |

| MOWING | |
|--|------------------|
| LOCATION | UNIT |
| CENTERLINE STATIONS | |
| Sta 634+64 - Sta 973+20 (33856 FT /100 = 339 UNITS) X 2 APPLICATIONS | 678 |
| TOTAL | 678 UNITS |

| EXPLORATION TRENCH, SPECIAL | |
|-----------------------------|------------|
| LOCATION | FOOT |
| Eastbound | |
| Sta 819+70 | 100 |
| Total | 100 |

FILE NAME = I-74 Morton General File.dgn

USER NAME = k1menkk

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 100.0000' / IN.

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET NO. 5 OF 7 SHEETS

| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|-------------|----------|---------------------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 14 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |
| | | | CONTRACT NO. 68508 | |

| LOCATIONS | | | GUARDRAIL REMOVAL | S P B G R TYPE A (SPECIAL) | TRAF BARR TERM TY 6 | TRAF BARR TERM T 1 (SPECIAL) TANGENT | VERTICAL ADJUST OF GUARDRAIL | VERTICAL ADJUST OF TR BAR TERM TYPE 1 | REM & REPL OF S P B G R ELEM (SPL) | G RAIL MARKER TYPE A | TERMINAL MARKER DIRECT APPLIED |
|--------------|----|--------|----------------------|----------------------------------|---------------------------|---|---------------------------------------|--|---|----------------------------|---|
| STA | TO | STA | FOOT | FOOT | EACH | EACH | FOOT | EACH | FOOT | EACH | EACH |
| E.B. | | | | | | | | | | | |
| 640+00 | TO | 641+50 | INSIDE | | | | 150 | | | | |
| 646+20 | TO | 647+50 | OUTSIDE | | | | 130 | | | | |
| 683+15 | TO | 683+65 | OUTSIDE | 50 | | 1 | | | | | 1 |
| 684+00 | TO | 685+30 | OUTSIDE | | | | 130 | | | | |
| 685+34 | TO | 685+80 | OUTSIDE | 46 | | 1 | | | | | |
| 761+43 | TO | 761+93 | OUTSIDE | 50 | | | | | | | 1 |
| 762+30 | TO | 764+50 | OUTSIDE | | | | 220 | | | | |
| 764+63 | TO | 765+09 | OUTSIDE | 46 | | 1 | | | | | |
| 899+84 | TO | 900+34 | OUTSIDE | 50 | | | | | | | 1 |
| 903+84 | TO | 904+30 | OUTSIDE | 46 | | 1 | | | | | |
| 904+06 | TO | 904+52 | INSIDE | 46 | | 1 | | | | | |
| 905+75 | TO | 906+25 | OUTSIDE | 50 | | | | | | 2 | |
| 921+94 | TO | 922+40 | OUTSIDE | 46 | | 1 | | | | | |
| W.B. | | | | | | | | | | | |
| 636+12 | TO | 636+50 | OUTSIDE | 37.5 | | | | | | | 2 |
| 636+25 | TO | 637+00 | OUTSIDE | | | | 75 | | | | |
| 636+75 | TO | 637+00 | INSIDE | | | | | 25 | | 2 | |
| 652+13 | TO | 652+63 | OUTSIDE | | | | | | 1 | | |
| 686+94 | TO | 687+44 | OUTSIDE | 50 | | 1 | | | | | |
| 687+44 | TO | 687+82 | OUTSIDE | 37.5 | | | | | | 2 | |
| 687+82 | TO | 688+94 | OUTSIDE | | | | | 112.5 | | 2 | |
| 690+13 | TO | 690+63 | OUTSIDE | 50 | | | | | | | 1 |
| 765+26 | TO | 765+72 | OUTSIDE | 46 | | 1 | | | | | |
| 768+54 | TO | 769+04 | OUTSIDE | 50 | | | | | | | 1 |
| 905+95 | TO | 906+41 | INSIDE | 46 | | 1 | | | | | |
| 906+04 | TO | 906+50 | OUTSIDE | 46 | | 1 | | | | | |
| 906+50 | TO | 907+00 | OUTSIDE | 50 | | | | | | 2 | |
| 908+81 | TO | 909+06 | OUTSIDE | | | | | 25 | | 2 | |
| 908+97 | TO | 909+47 | INSIDE | 50 | | | | | | | 1 |
| 909+31 | TO | 909+56 | OUTSIDE | | | | | 25 | | 2 | |
| 922+55 | TO | 923+01 | OUTSIDE | 46 | | 1 | | | | | |
| TOTAL | | | 939 | 175 | 10 | 6 | 705 | 1 | 187.5 | 16 | 6 |

| LOCATION | EPOXY PAV'T MARKING LINE - 4IN | | PREF PLASTIC PAVT MARKING TYPE B - LINE 6" (C L SKIP-DASH) | TEMPORARY PAVT MARKING LINE - 4" |
|------------------------|-----------------------------------|---------|---|---|
| | WHITE | YELLOW | WHITE | |
| | FT | FT | FT | FT |
| STATION | TO | STATION | | |
| EAST BOUND LANE | | | | |
| 635+10 | TO | 642+58 | | 187 |
| 645+37 | TO | 700+00 | 16,918 | 1,366 |
| 700+00 | TO | 750+00 | | 1,250 |
| 750+00 | TO | 804+28 | | 1,357 |
| 804+23 | TO | 860+00 | | 1,394 |
| 860+00 | TO | 904+01 | 16,897 | 1,100 |
| 906+07 | TO | 973+20 | | 1,678 |
| WEST BOUND LANE | | | | |
| 635+24 | TO | 643+12 | | 197 |
| 645+91 | TO | 700+00 | 16,904 | 1,352 |
| 700+00 | TO | 750+00 | | 1,250 |
| 750+00 | TO | 804+28 | | 1,357 |
| 804+23 | TO | 860+00 | | 1,394 |
| 860+00 | TO | 904+33 | 16,897 | 1,108 |
| 906+39 | TO | 973+20 | | 1,670 |
| SUB-TOTALS | | | 67,616 | 67,616 |
| TOTAL | | | 135,233 | 16,662 |
| | | | | 151,895 |

| LOCATIONS | | | EROSION CONTROL CURB REMOVAL | EROSION CONTROL CURB | G RAIL AGGR EROSION CONTROL |
|--------------|----|--------|---------------------------------------|----------------------------|--------------------------------------|
| STA | TO | STA | FOOT | FOOT | TON |
| E.B. | | | | | |
| 643+95 | TO | 635+45 | OUTSIDE | 50 | 50 |
| 646+20 | TO | 647+50 | OUTSIDE | 130 | 130 |
| 761+43 | TO | 766+13 | OUTSIDE | | 45 |
| 905+75 | TO | 907+00 | OUTSIDE | | 9 |
| 918+90 | TO | 922+50 | OUTSIDE | | 21 |
| W.B. | | | | | |
| 636+12 | TO | 636+50 | OUTSIDE | 38 | 38 |
| 646+20 | TO | 647+50 | OUTSIDE | | 14 |
| 906+00 | TO | 910+31 | OUTSIDE | | 25 |
| TOTAL | | | 218 | 218 | 113 |

FILE NAME =
I-74 Mar-tan General File.dgn

USER NAME = klmenkk
DESIGNED -
DRAWN -
PLOT SCALE = 100.0000' / IN.
CHECKED -
PLOT DATE = 2/11/2009
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF GUARDRAIL ITEMS

SHEET NO. 6 OF 7 SHEETS

| F.A.I RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-------------|----------|---------------------------|--------------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 15 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 68508 | |

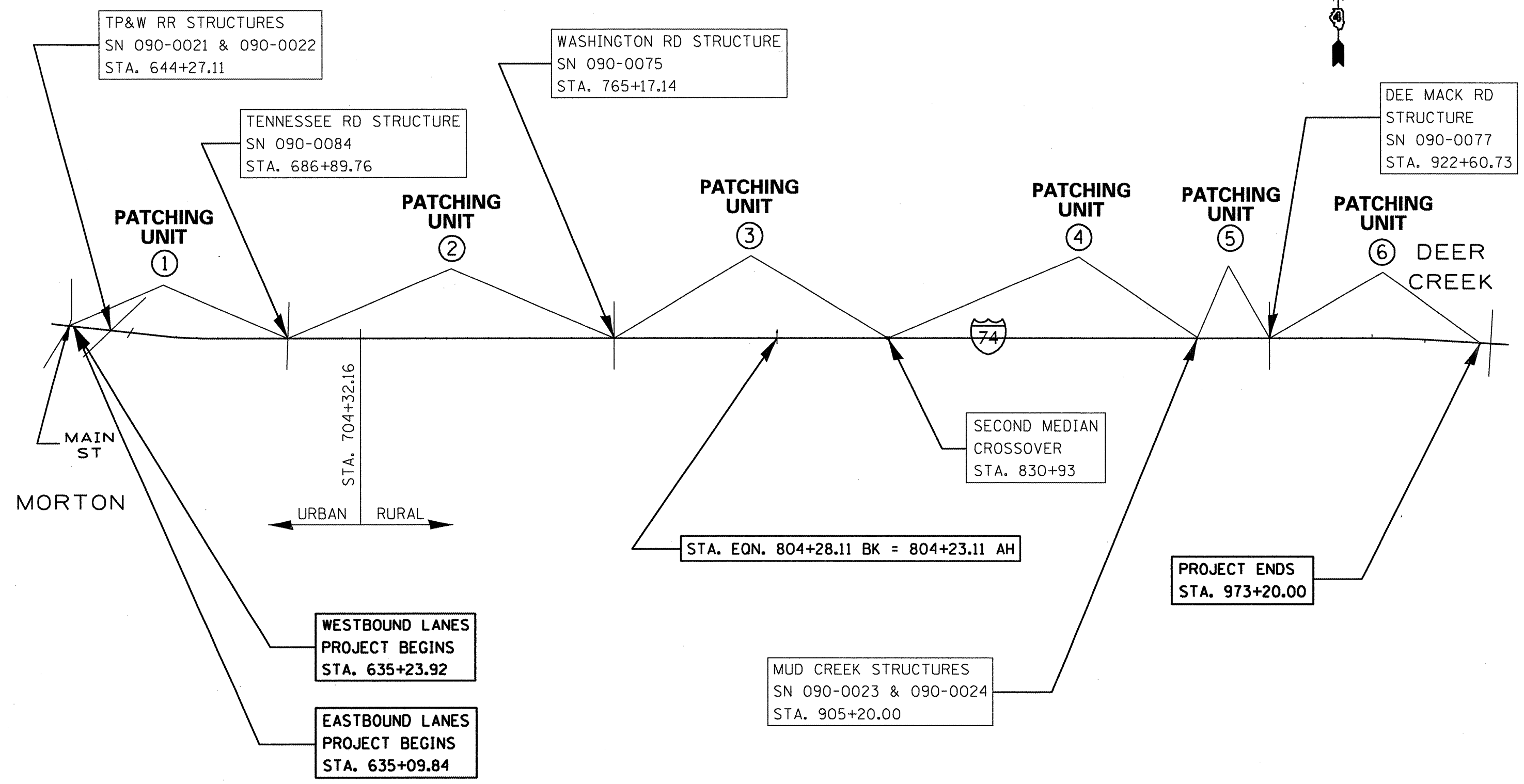
| TRAFFIC CONTROL AND PROTECTION, STD 701406 | |
|--|----------|
| LOCATION | LSUM |
| JOBSITE | 1 |
| Total | 1 |

| TRAFFIC CONTROL AND PROTECTION, STD 701401 | |
|--|----------|
| LOCATION | LSUM |
| JOBSITE | 1 |
| Total | 1 |

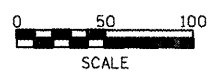
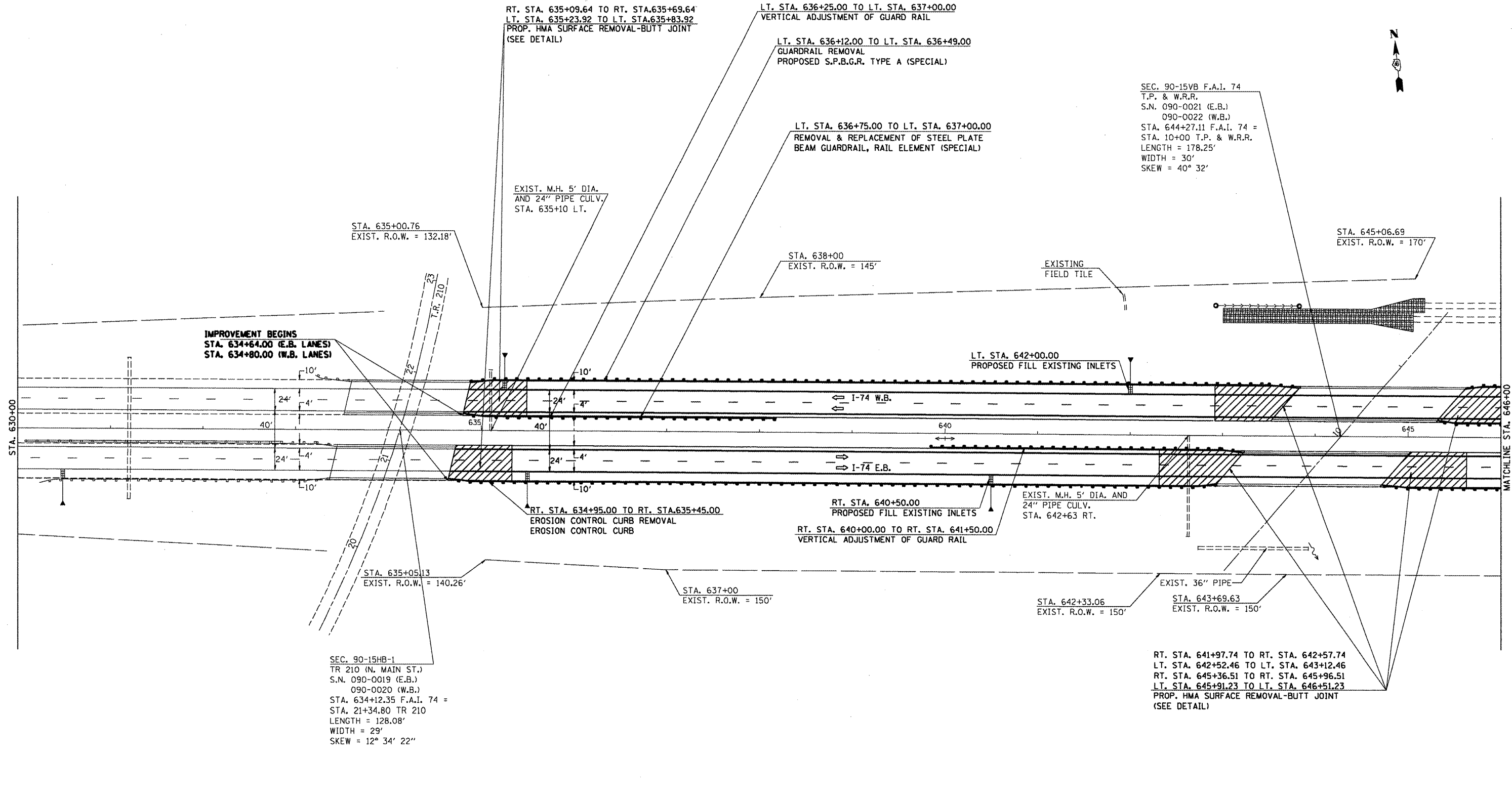
| TRAFFIC CONTROL SURVEILLANCE | |
|------------------------------|-----------|
| LOCATION | CAL DA |
| JOBSITE | 60 |
| Total | 60 |

| CHANGEABLE MESSAGE SIGN | |
|-------------------------|-----------|
| LOCATION | CAL MO |
| JOBSITE | 12 |
| Total | 12 |

| FILLING INLETS, SPECIAL | | |
|-------------------------|------------------|----------|
| LOCATION | | EACH |
| Eastbound | | |
| Sta 640+50 | OUTSIDE SHOULDER | 1 |
| Westbound | | |
| Sta 642+00 | OUTSIDE SHOULDER | 1 |
| Total | | 2 |



| | | | | | | | | | | | | |
|---|------------------------------|------------|-----------|---|---------------------------|-------------------------|----------------------------------|---------------------------|-------------------------|--------------------|-----------------------|--------------------|
| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmennk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-74 LINE DIAGRAM | | | F.A.I. RTE. 74 | SECTION (90-15IRS-3) | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 17 |
| | PLOT SCALE = 100,0000' / IN. | DRAWN - | REVISED - | | NOT TO SCALE | SHEET NO. 1 OF 1 SHEETS | STA. 634+64.00 TO STA. 973+20.00 | CONTRACT NO. 68508 | | | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |



FILE NAME = I-74 Morton General File.dgn
 USER NAME = kilmknk
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 2/11/2009

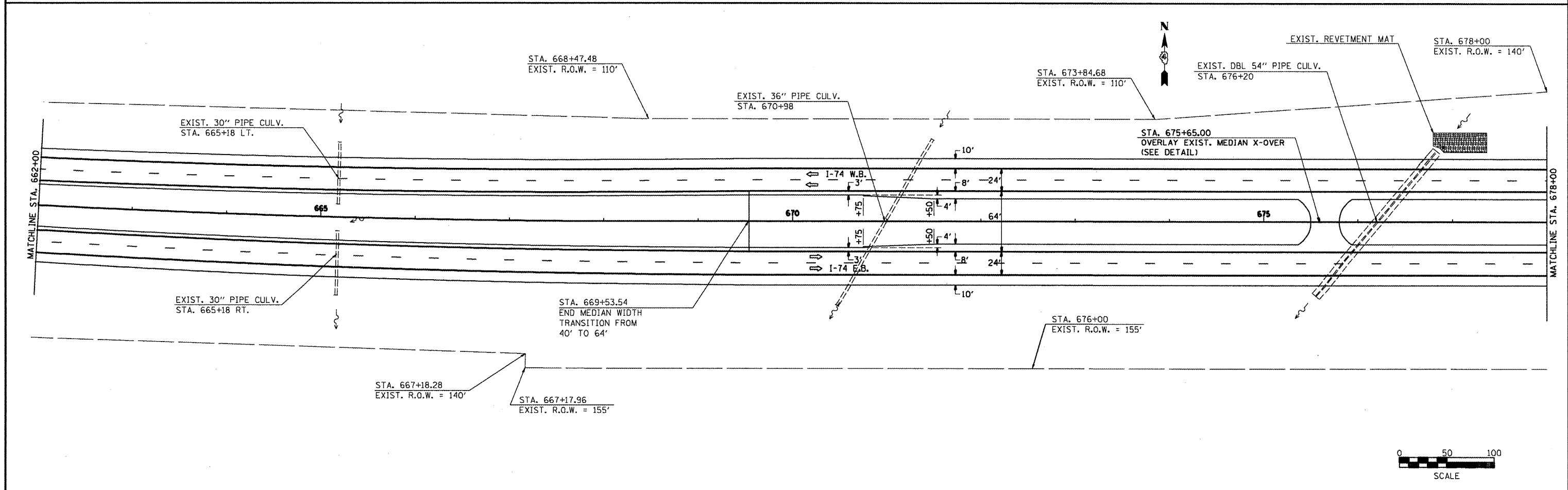
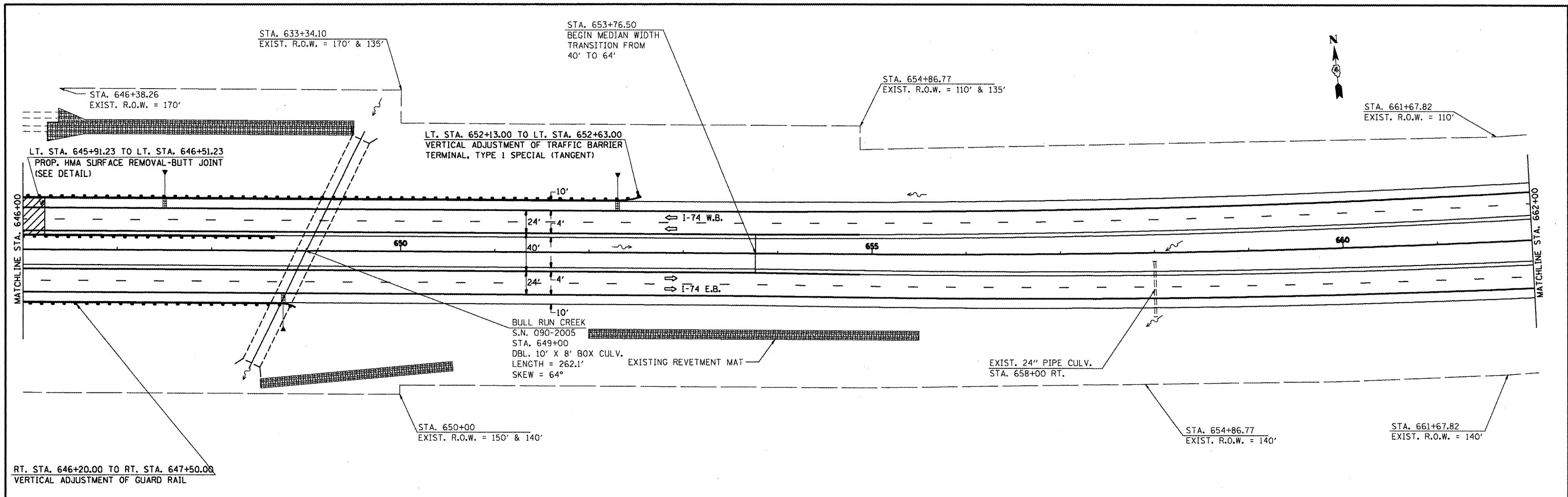
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| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-74 PLAN SHEET
 SHOWING CONSTRUCTION DETAILS**

SCALE: PROVIDED ABOVE SHEET NO. 1 OF 12 SHEETS STA. 630+00 TO STA. 646+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|-------------|----------|--------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 18 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |



FILE NAME = I-74 Morton General File.dgn
 USER NAME = kilmankk
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 2/11/2009

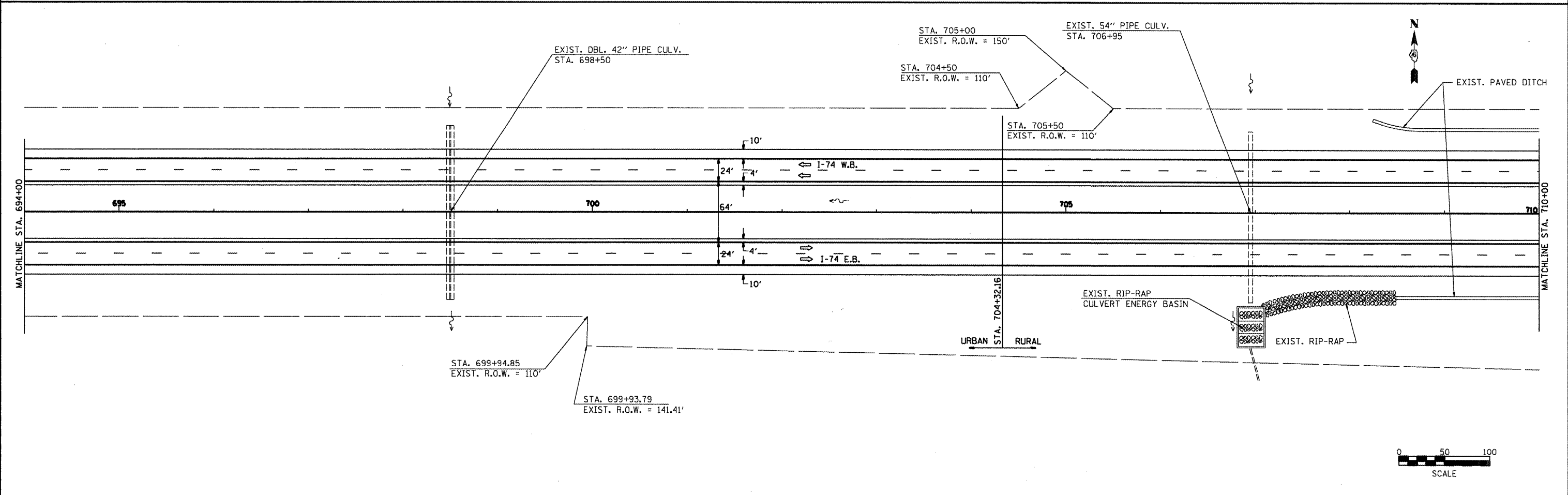
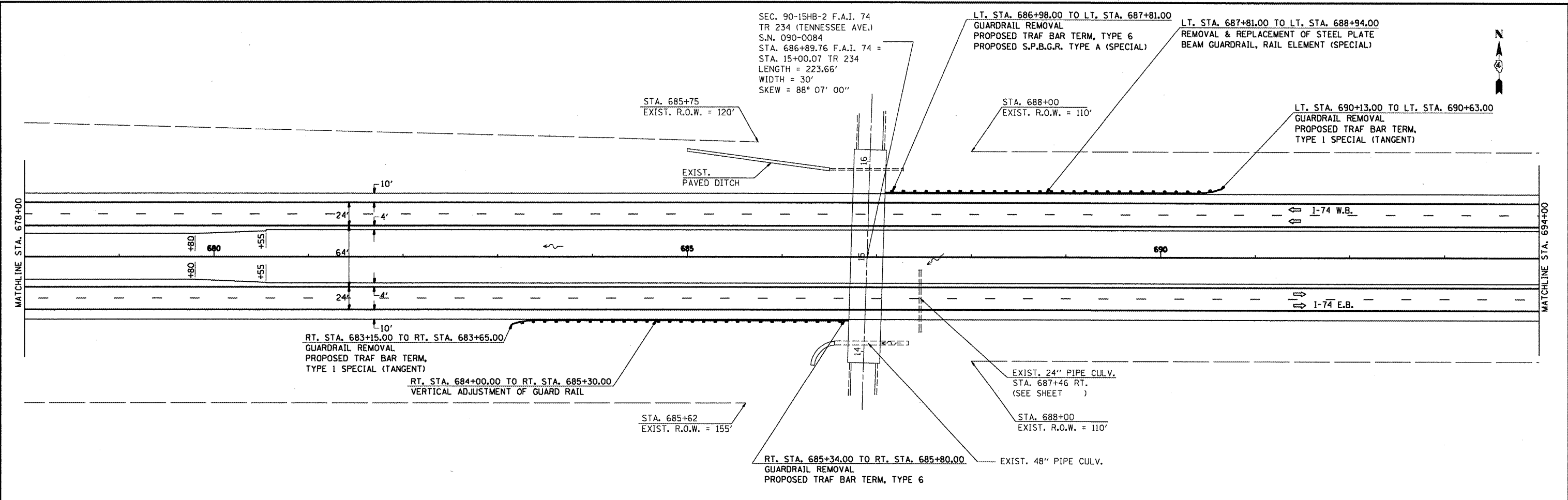
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|------------|-----------|
| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-74 PLAN SHEET
 SHOWING CONSTRUCTION DETAILS**

SCALE: PROVIDED ABOVE SHEET NO. 2 OF 12 SHEETS STA. 646+00 TO STA. 678+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|--------------|----------|--------------|-----------|
| 74 | (90-15IRS-3) | TAZEWELL | 60 | 19 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |



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 USER NAME = k1menkk
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 2/11/2009

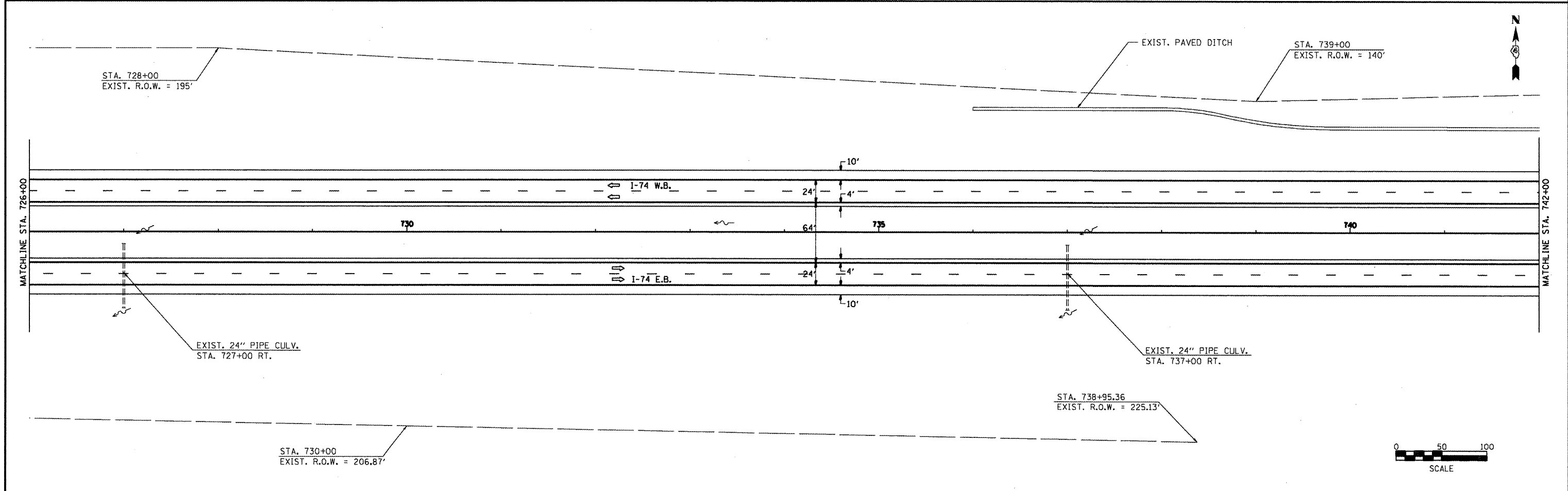
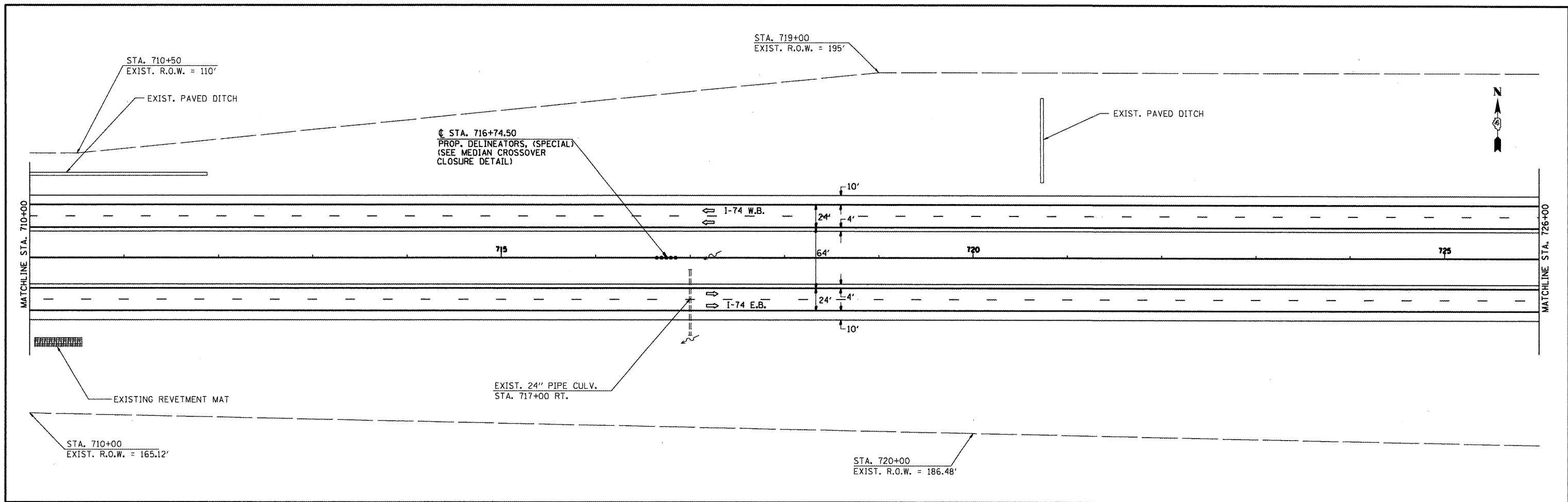
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|------------|-----------|
| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

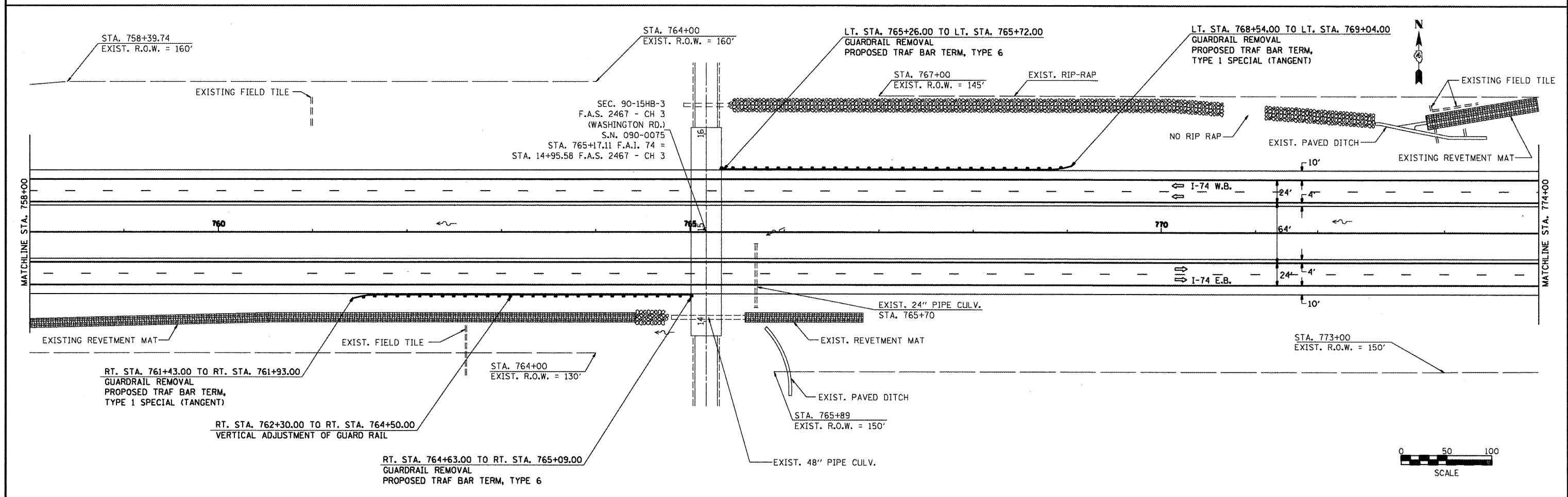
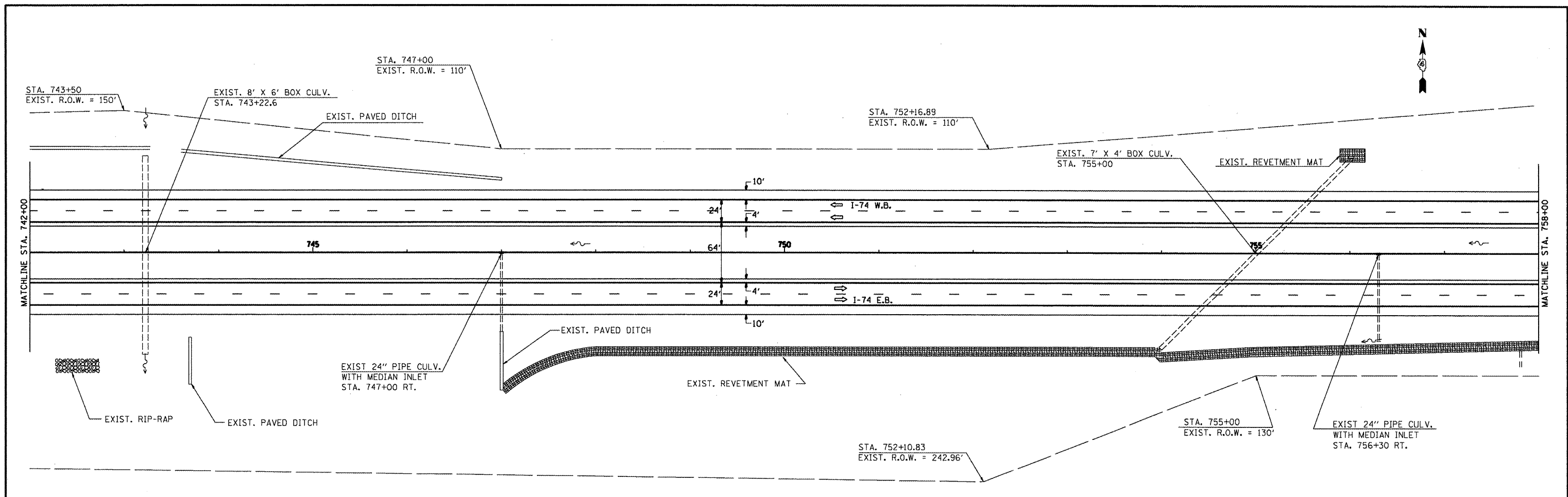
**I-74 PLAN SHEET
 SHOWING CONSTRUCTION DETAILS**

SCALE: PROVIDED ABOVE SHEET NO. 3 OF 12 SHEETS STA. 678+00 TO STA. 710+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|-------------|----------|--------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 20 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |



| | | | | | | | | | | | | | |
|--|------------------------------|------------|-----------|---|---|--------------------------|----------------------------|---------------------------|------------------------|------------------------------|-----------------------|--------------------|--|
| FILE NAME = I-74 Marston General File.dgn | USER NAME = k11mknkk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-74 PLAN SHEET SHOWING CONSTRUCTION DETAILS | | | F.A.I. RTE. 74 | SECTION (90-15)RS-3 | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 21 | |
| | PLOT SCALE = 100.0000' / IN. | CHECKED - | REVISED - | | SCALE: PROVIDED ABOVE | SHEET NO. 4 OF 12 SHEETS | STA. 710+00 TO STA. 742+00 | CONTRACT NO. 68508 | | ILLINOIS FEDERAL AID PROJECT | | | |
| | PLOT DATE = 2/11/2009 | DATE - | REVISED - | | | | | | | | | | |
| | | | | | | | | | | | | | |



FILE NAME = I-74 Morton General File.dgn
 USER NAME = kilmknk
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 PLOT DATE = 2/11/2009

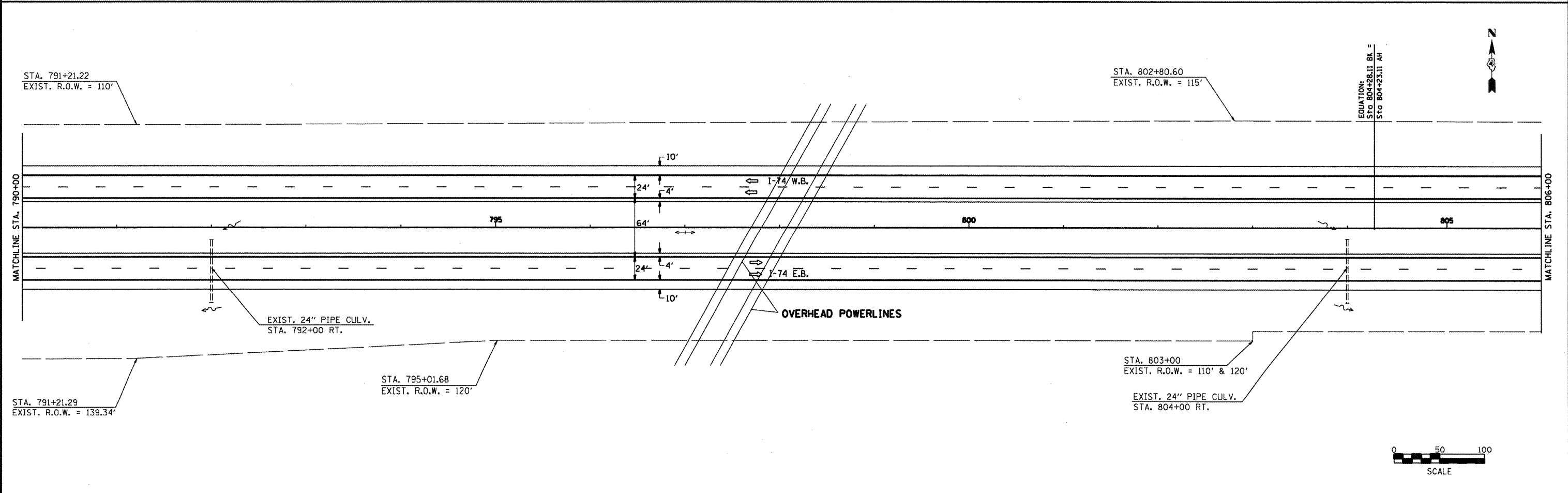
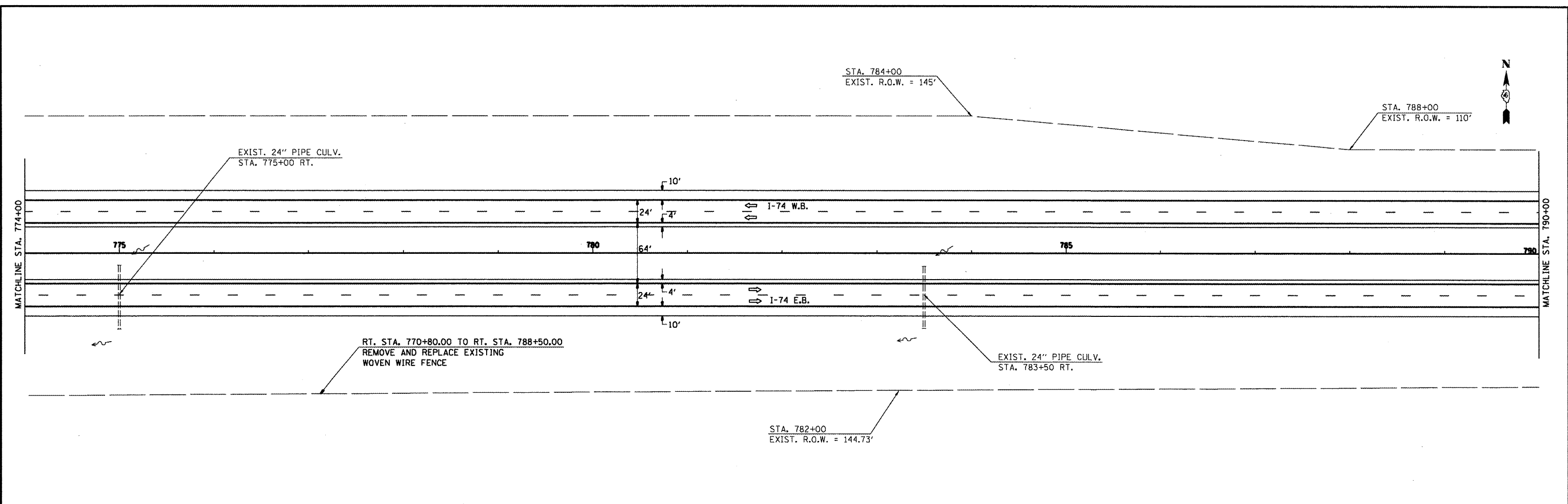
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| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

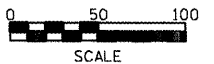
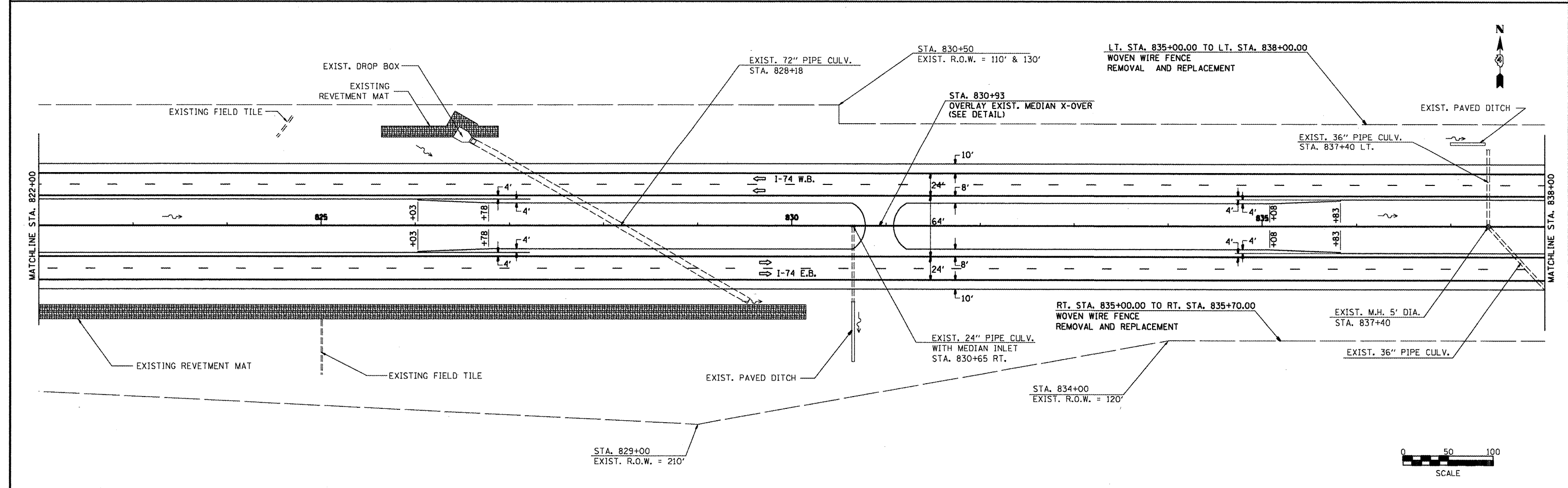
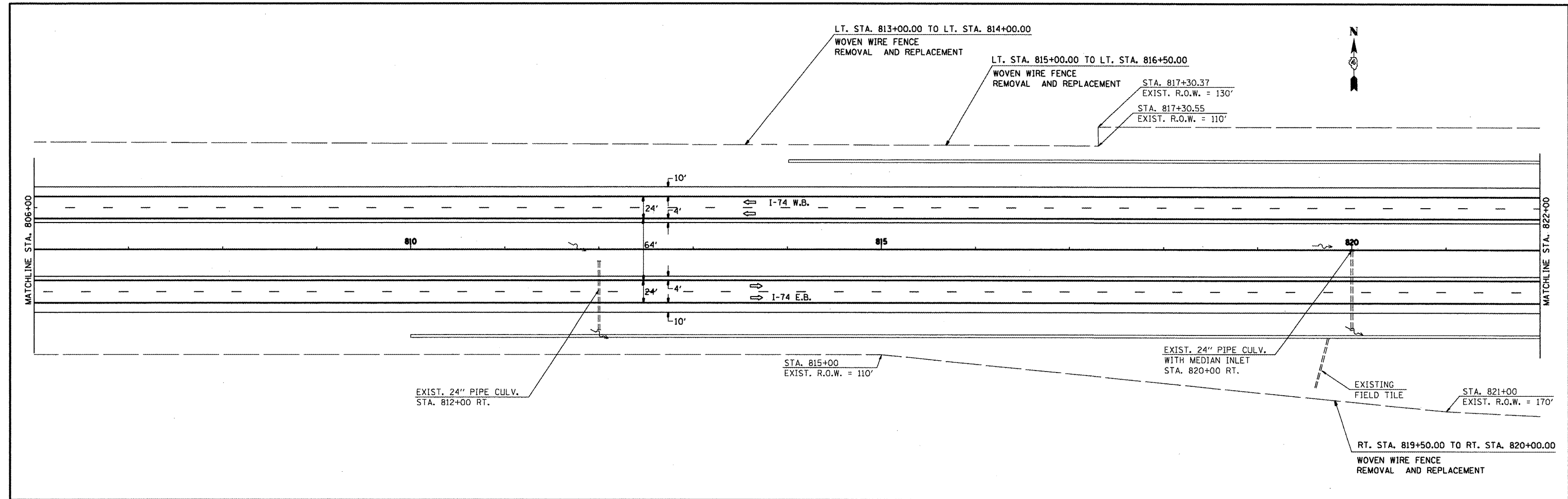
**I-74 PLAN SHEET
 SHOWING CONSTRUCTION DETAILS**

SCALE: PROVIDED ABOVE SHEET NO. 5 OF 12 SHEETS STA. 742+00 TO STA. 774+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|-------------|----------|--------------|-----------|
| 74 | 190-15IRS-3 | TAZEWELL | 60 | 22 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |

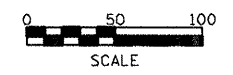
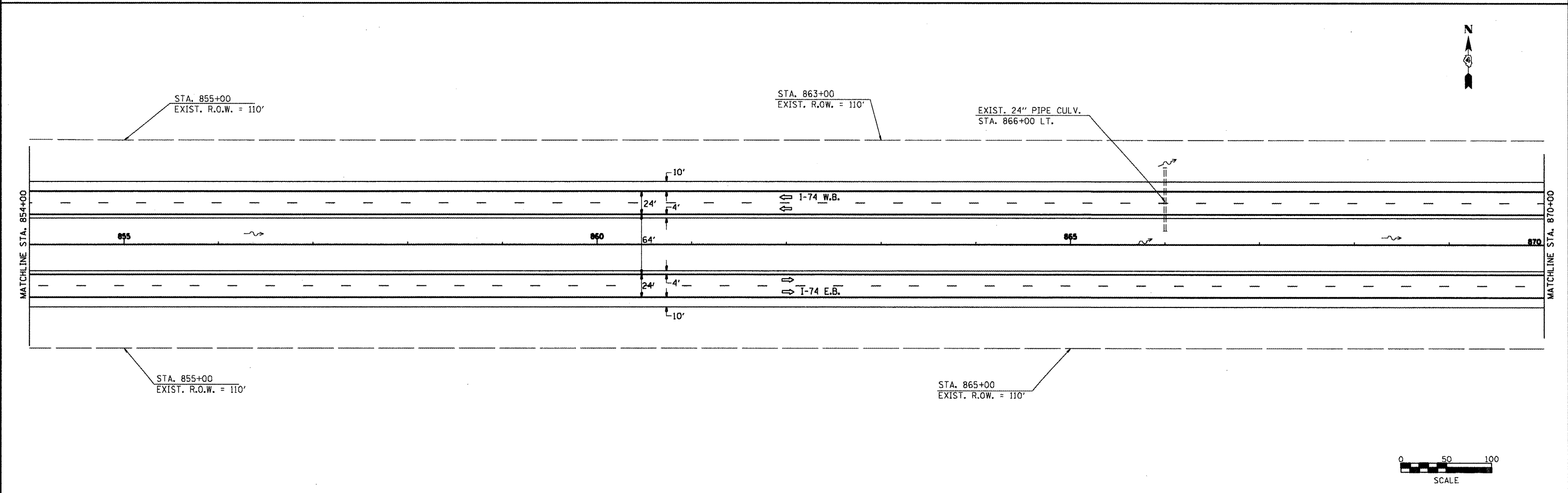
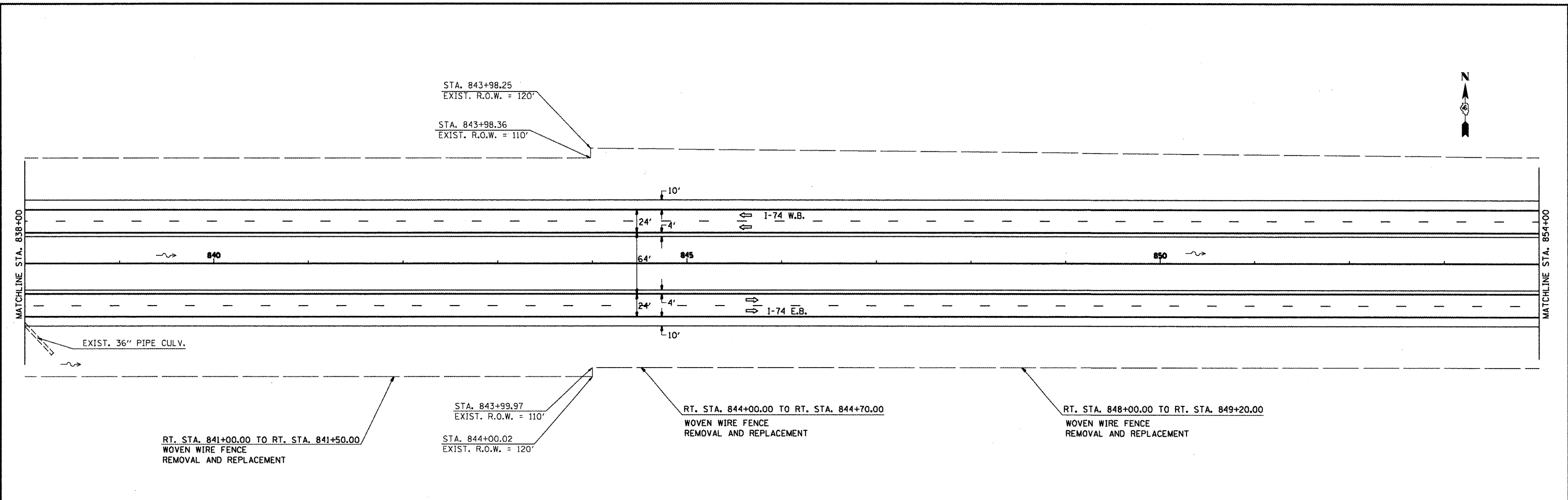


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|---|------------------------------|------------|-----------|---|---|--------------------------|----------------------------|------------------------------|-------------|----------|-----------------|--------------|
| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmenkk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-74 PLAN SHEET SHOWING CONSTRUCTION DETAILS | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | SCALE: PROVIDED ABOVE | SHEET NO. 6 OF 12 SHEETS | STA. 774+00 TO STA. 806+00 | 74 | (90-15)RS-3 | TAZEWELL | 60 | 23 |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | | | | CONTRACT NO. 68508 | | | | |
| | | DATE - | REVISED - | | | | | ILLINOIS FEDERAL AID PROJECT | | | | |

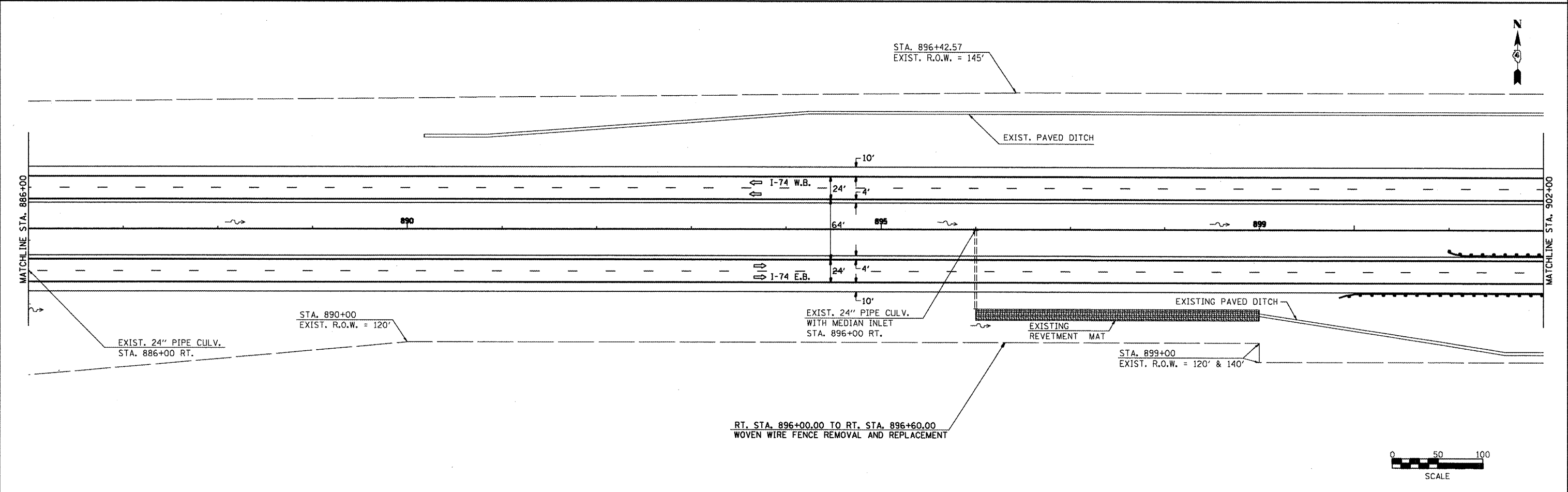
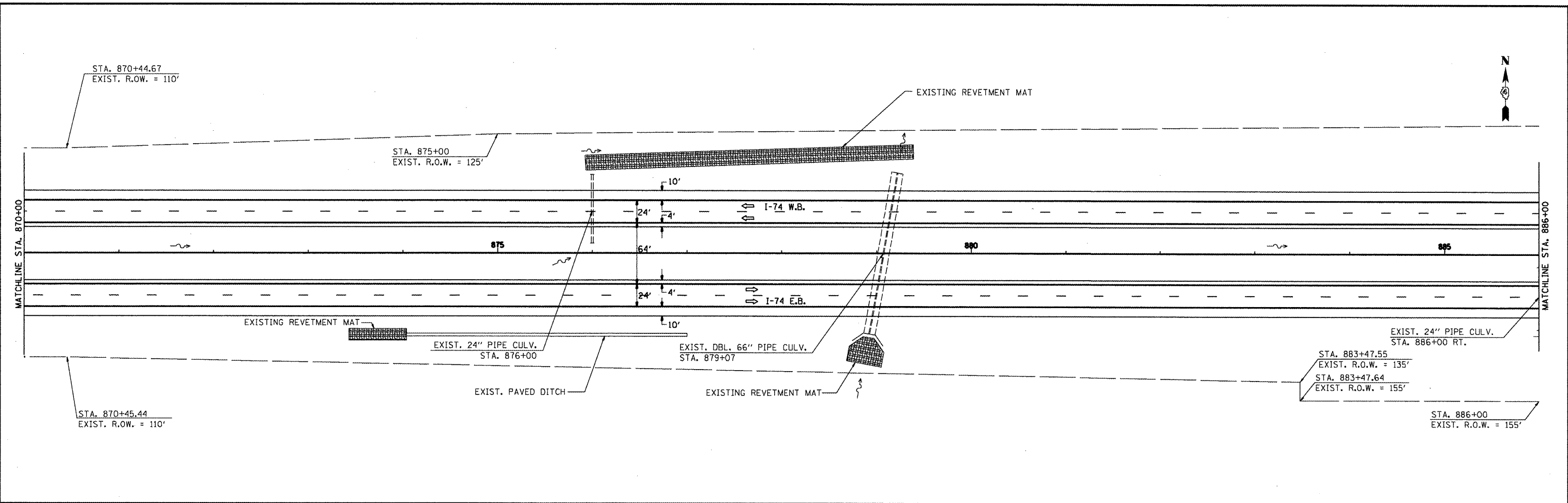


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|---|----------------------|------------|-----------|---|---|--------------------------|----------------------------|---------|-------------|-----------------|--------------|----|
| FILE NAME = I-74 Marton General File.dgn | USER NAME = kilmenkk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-74 PLAN SHEET SHOWING CONSTRUCTION DETAILS | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - | REVISED - | | SCALE: PROVIDED ABOVE | SHEET NO. 7 OF 12 SHEETS | STA. 806+00 TO STA. 838+00 | 74 | (90-15)RS-3 | TAZEWELL | 60 | 24 |
| | | CHECKED - | REVISED - | | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |

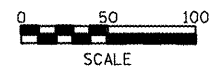
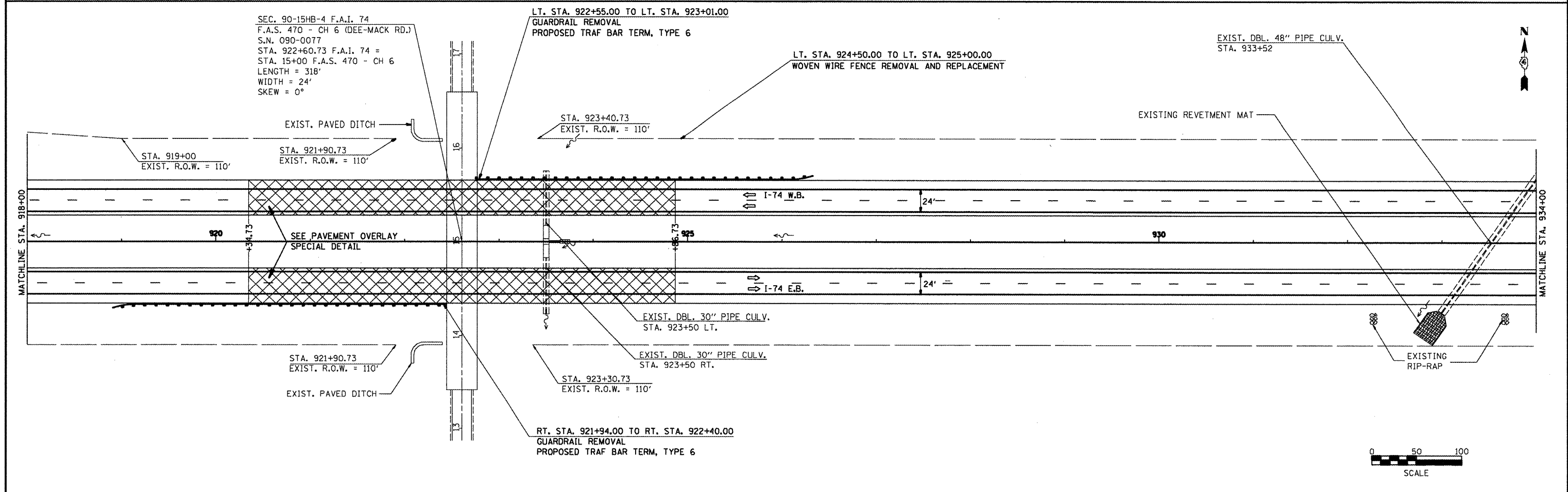
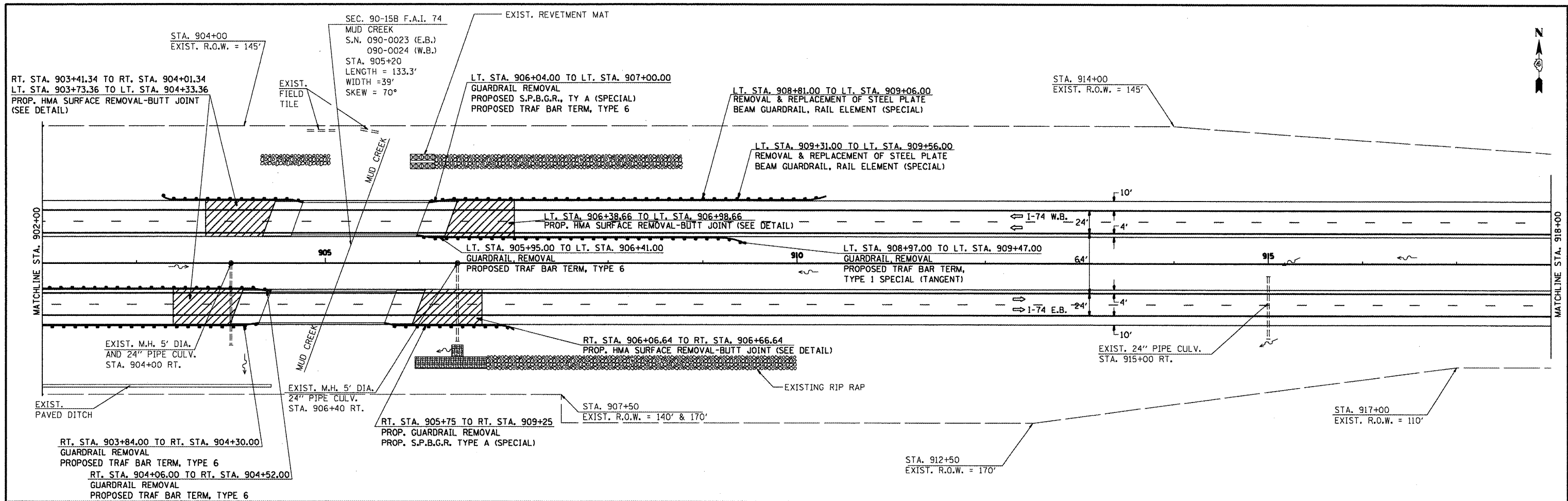
CONTRACT NO. 68508
ILLINOIS FEDERAL AID PROJECT



| | | | | | | | | | | | | |
|---|------------------------------|------------|-----------|---|---|-------------|----------|---------------------------|---------|------------------------------|--------------|-----------|
| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmanck | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-74 PLAN SHEET SHOWING CONSTRUCTION DETAILS | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | 74 | (90-15)RS-3 | TAZEWELL | 60 | 25 | | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | SCALE: PROVIDED ABOVE SHEET NO. 8 OF 12 SHEETS STA. 838+00 TO STA. 870+00 | | | CONTRACT NO. 68508 | | ILLINOIS FEDERAL AID PROJECT | | |
| | DATE - | REVISED - | | | | | | | | | | |



| | | | | | | | | | | | | |
|---|------------------------------|------------|-----------|---|---|--------------------------|----------------------------|---------------------------|-----------------|------------------------------|--------------|--|
| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmenkk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-74 PLAN SHEET SHOWING CONSTRUCTION DETAILS | | F.A.I. RTE. 74 | SECTION (90-15IRS-3) | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 26 | |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | SCALE: PROVIDED ABOVE | SHEET NO. 9 OF 12 SHEETS | STA. 870+00 TO STA. 902+00 | CONTRACT NO. 68508 | | ILLINOIS FEDERAL AID PROJECT | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | | | | | | | | |
| | DATE - | REVISED - | | | | | | | | | | |



FILE NAME =
I-74 Morton General File.dgn

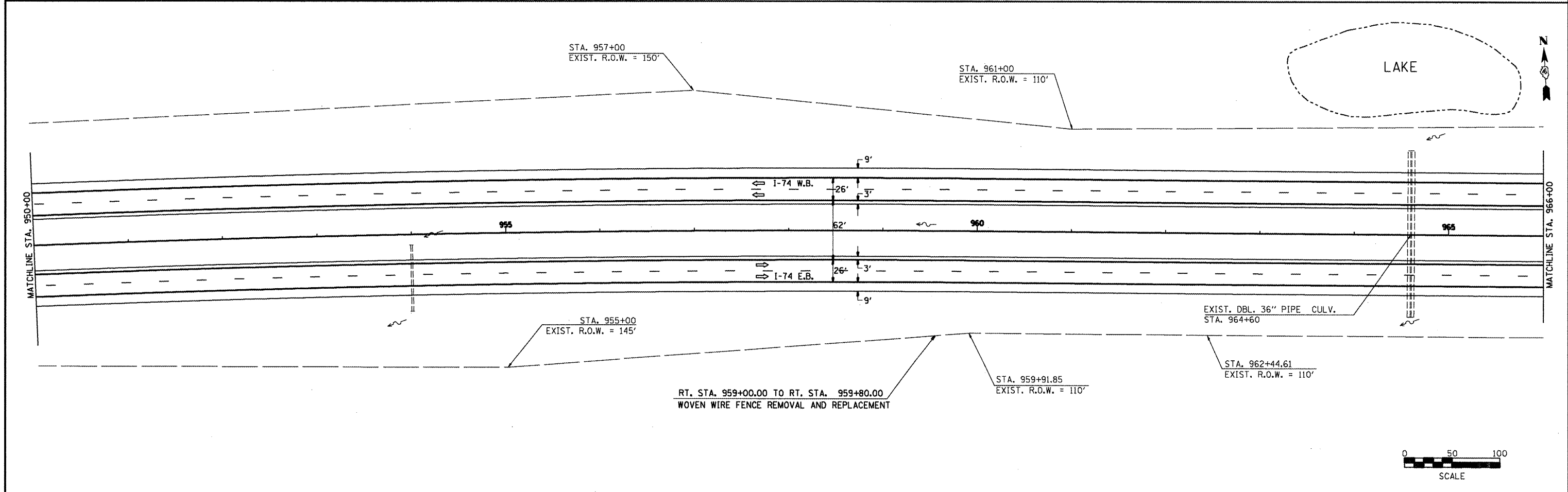
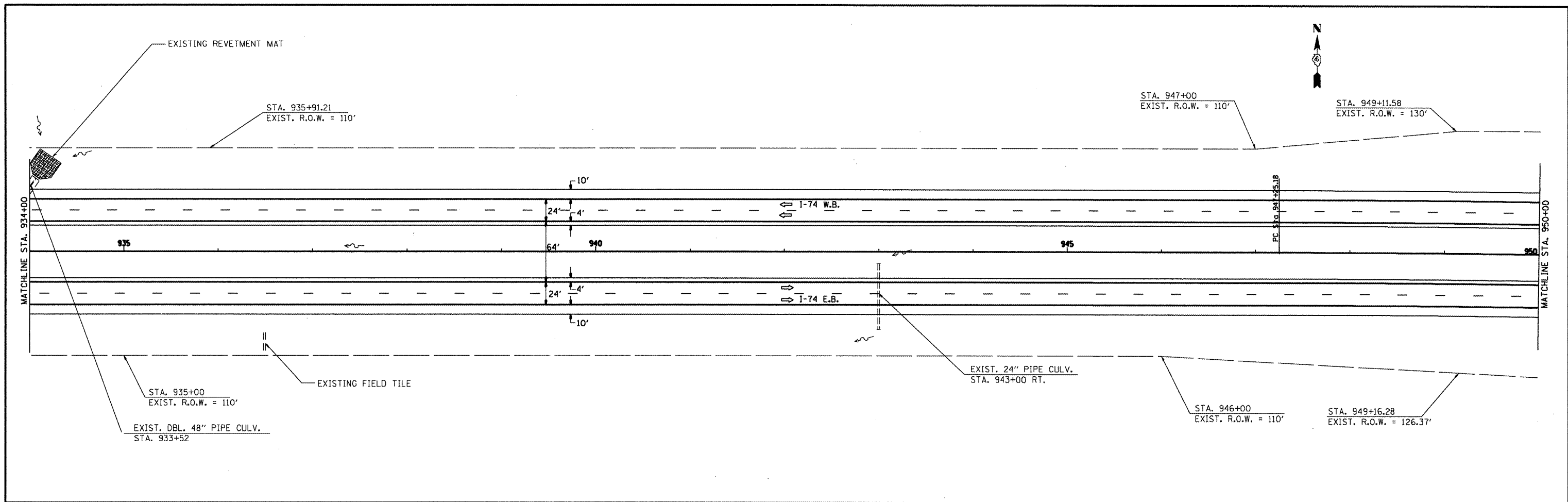
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|------------------------------|------------|-----------|
| USER NAME = kilmennk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

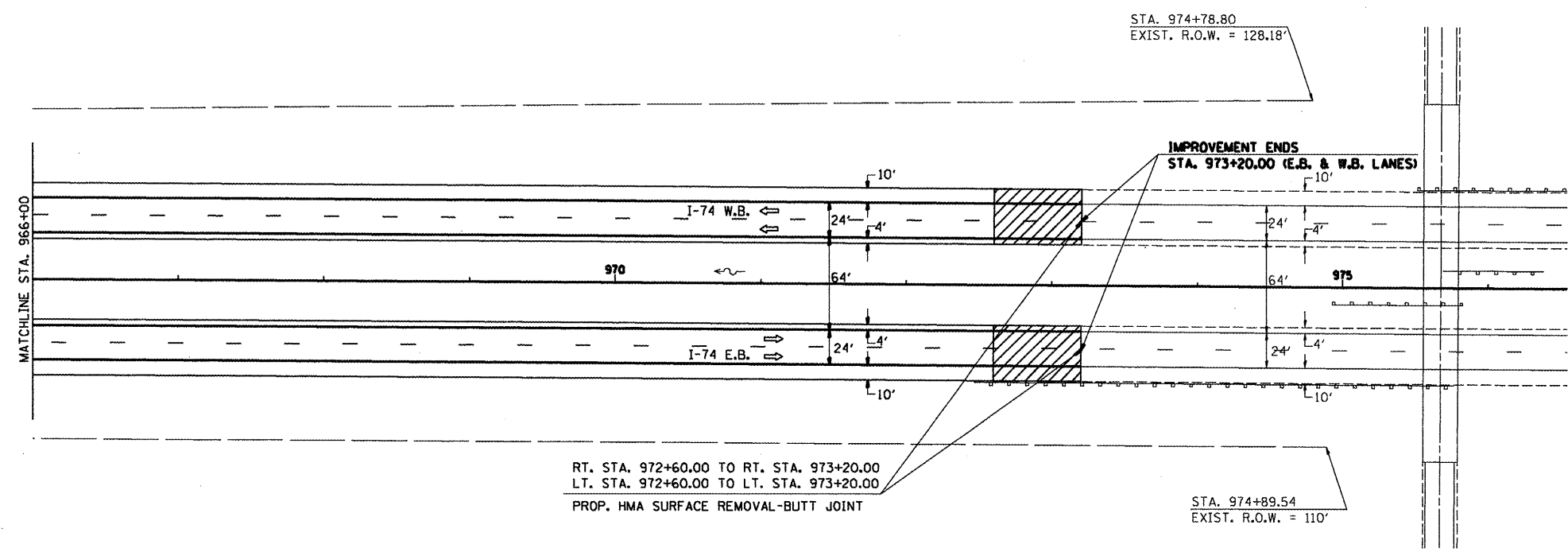
**I-74 PLAN SHEET
SHOWING CONSTRUCTION DETAILS**

SCALE: PROVIDED ABOVE SHEET NO. 10 OF 12 SHEETS STA. 902+00 TO STA. 934+00

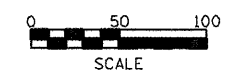
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|-------------|----------|--------------|-----------|
| 74 | 190-15IRS-3 | TAZEWELL | 60 | 27 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |



| | | | | | | | | | | | | |
|---|------------------------------|------------|-----------|---|---|---------------------------|----------------------------|---------------------------|-------------------------|--------------------|-----------------------|--------------------|
| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmanck | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-74 PLAN SHEET SHOWING CONSTRUCTION DETAILS | | | F.A.I. RTE. 74 | SECTION (90-15IRS-3) | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 28 |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | SCALE: PROVIDED ABOVE | SHEET NO. 11 OF 12 SHEETS | STA. 934+00 TO STA. 966+00 | CONTRACT NO. 68508 | | | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | ILLINOIS FEDERAL AID PROJECT | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |



RT. STA. 972+60.00 TO RT. STA. 973+20.00
 LT. STA. 972+60.00 TO LT. STA. 973+20.00
 PROP. HMA SURFACE REMOVAL-BUTT JOINT



| | | | | | | | | | | | |
|---|------------------------------|------------|-----------|---|--|--|-------------------|---------------------------|--------------------|--------------------|-----------------|
| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmankk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-74 PLAN SHEET SHOWING CONSTRUCTION DETAILS | | F.A.I. RTE. 74 | SECTION 190-15IRS-3 | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 29 |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | SCALE: PROVIDED ABOVE SHEET NO. 12 OF 12 SHEETS STA. 966+00 TO STA. 973+00 | | | CONTRACT NO. 68508 | | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | ILLINOIS FEDERAL AID PROJECT | | | | | | |



SEC. 90-15VB F.A.I. 74
 T.P. & W.R.R.
 S.N. 090-0021 (E.B.)
 090-0022 (W.B.)
 STA. 644+27.11 F.A.I. 74 =
 STA. 10+00 T.P. & W.R.R.
 LENGTH = 178.25'
 WIDTH = 30'
 SKEW = 40° 32'

EXIST. M.H. 5' DIA.
 AND 24" PIPE CULV.
 STA. 635+10 LT.

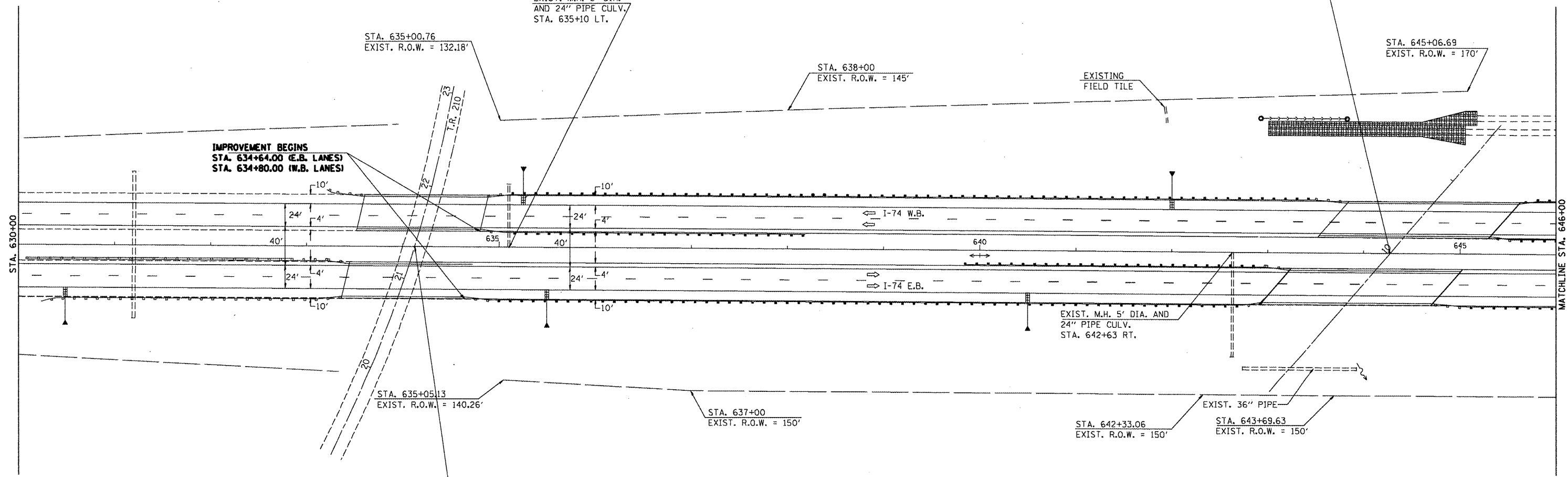
STA. 635+00.76
 EXIST. R.O.W. = 132.18'

STA. 638+00
 EXIST. R.O.W. = 145'

EXISTING
 FIELD TILE

STA. 645+06.69
 EXIST. R.O.W. = 170'

IMPROVEMENT BEGINS
 STA. 634+64.00 (E.B. LANES)
 STA. 634+80.00 (W.B. LANES)



STA. 635+05.13
 EXIST. R.O.W. = 140.26'

STA. 637+00
 EXIST. R.O.W. = 150'

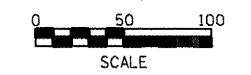
STA. 642+33.06
 EXIST. R.O.W. = 150'

EXIST. 36" PIPE
 STA. 643+69.63
 EXIST. R.O.W. = 150'

EXIST. M.H. 5' DIA. AND
 24" PIPE CULV.
 STA. 642+63 RT.

SEC. 90-15HB-1
 TR 210 (N. MAIN ST.)
 S.N. 090-0019 (E.B.)
 090-0020 (W.B.)
 STA. 634+12.35 F.A.I. 74 =
 STA. 21+34.80 TR 210
 LENGTH = 128.08'
 WIDTH = 29'
 SKEW = 12° 34' 22"

| EROSION CONTROL LEGEND | |
|------------------------|---|
| | PROP. GRADING AND SHAPING DITCHES PROP. FURNISH AND PLACE TOPSOIL 4" PROP. HEAVY DUTY EROSION CONTROL BLANKET PROP. SEEDING CLASS 2A PROP. NITROGEN FERTILIZER NUTRIENT PROP. PHOSPHORUS FERTILIZER NUTRIENT PROP. POTASSIUM FERTILIZER NUTRIENT PROP. TEMPORARY EROSION CONTROL SEEDING |
| | PROP. TEMPORARY DITCH CHECKS |
| | PROP. PERIMETER EROSION BARRIER |
| | PROP. STONE DUMPED RIPRAP |



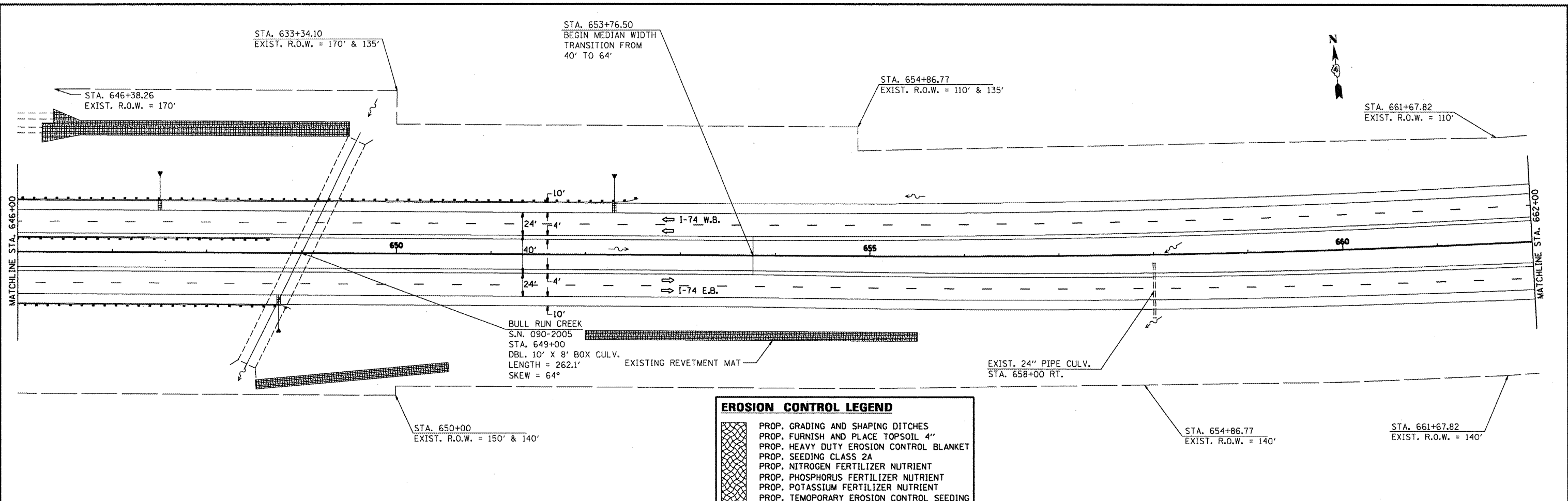
FILE NAME =
 I-74 Morton General File.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = kilmnkk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

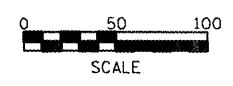
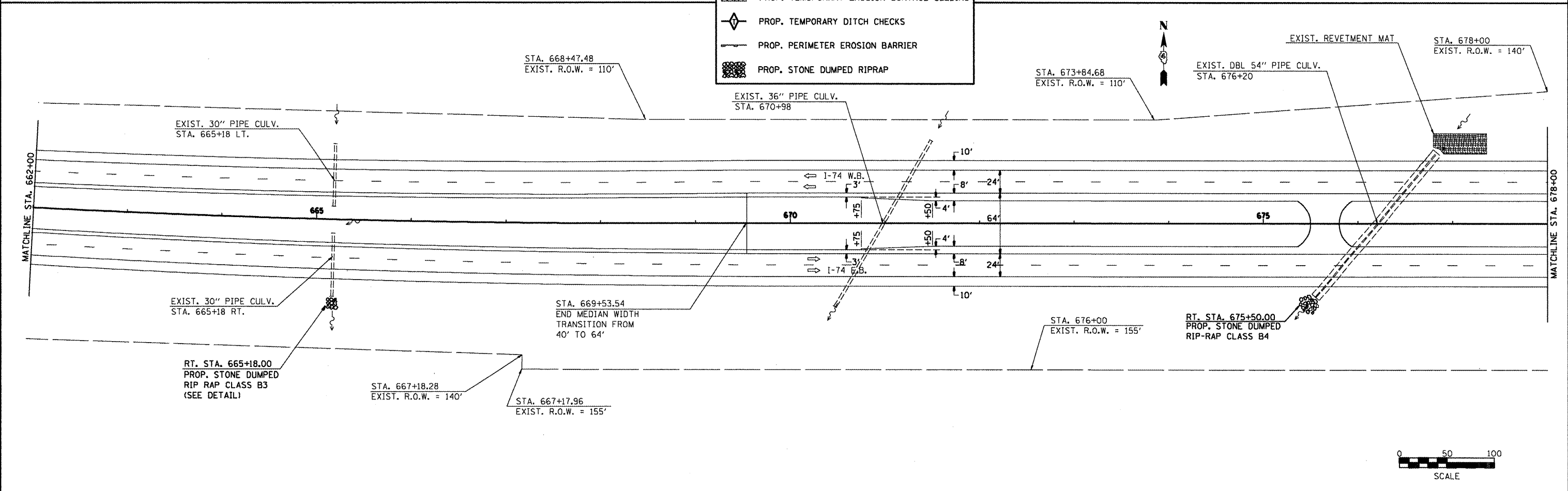
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN SHEETS
 SCALE: PROVIDED ABOVE | SHEET NO. 1 OF 12 SHEETS | STA. 630+00 TO STA. 646+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|-------------|----------|--------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 30 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |



| EROSION CONTROL LEGEND | |
|------------------------|---|
| | PROP. GRADING AND SHAPING DITCHES PROP. FURNISH AND PLACE TOPSOIL 4" PROP. HEAVY DUTY EROSION CONTROL BLANKET PROP. SEEDING CLASS 2A PROP. NITROGEN FERTILIZER NUTRIENT PROP. PHOSPHORUS FERTILIZER NUTRIENT PROP. POTASSIUM FERTILIZER NUTRIENT PROP. TEMPORARY EROSION CONTROL SEEDING |
| | PROP. TEMPORARY DITCH CHECKS |
| | PROP. PERIMETER EROSION BARRIER |
| | PROP. STONE DUMPED RIPRAP |



FILE NAME =
I-74 Morton General File.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = kilmonkk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN SHEETS

SCALE: PROVIDED ABOVE SHEET NO. 2 OF 12 SHEETS STA. 646+00 TO STA. 678+00

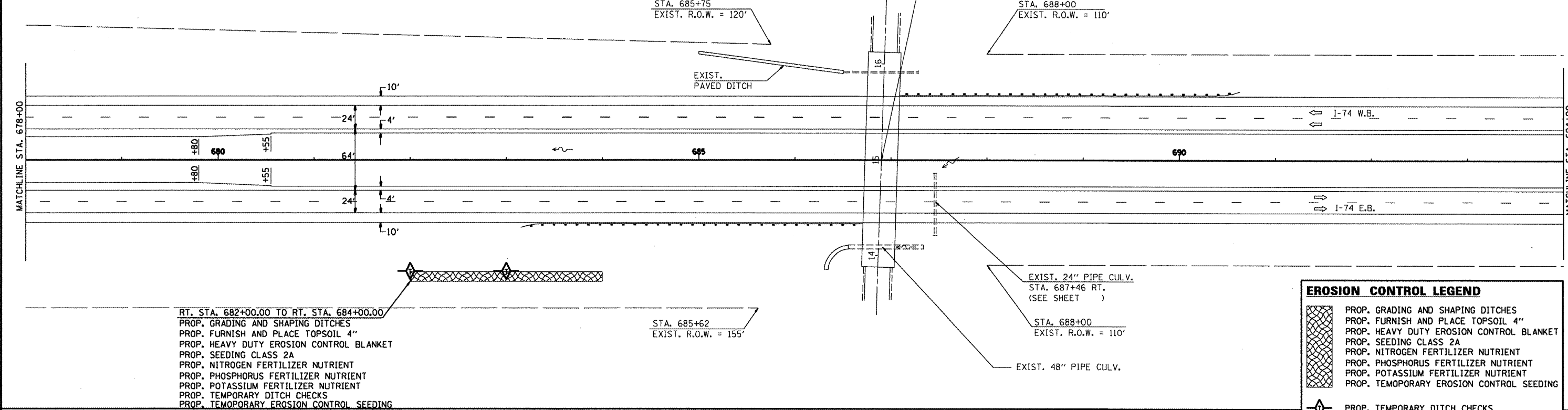
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|--------------|----------|--------------|---------------------------|
| 74 | (90-15IRS-3) | TAZEWELL | 60 | 31 |
| | | | | CONTRACT NO. 68508 |
| ILLINOIS FEDERAL AID PROJECT | | | | |

SEC. 90-15HB-2 F.A.I. 74
 TR 234 (TENNESSEE AVE.)
 S.N. 090-0084
 STA. 686+89.76 F.A.I. 74 =
 STA. 15+00.07 TR 234
 LENGTH = 223.66'
 WIDTH = 30'
 SKEW = 88° 07' 00"



MATCHLINE STA. 678+00

MATCHLINE STA. 694+00



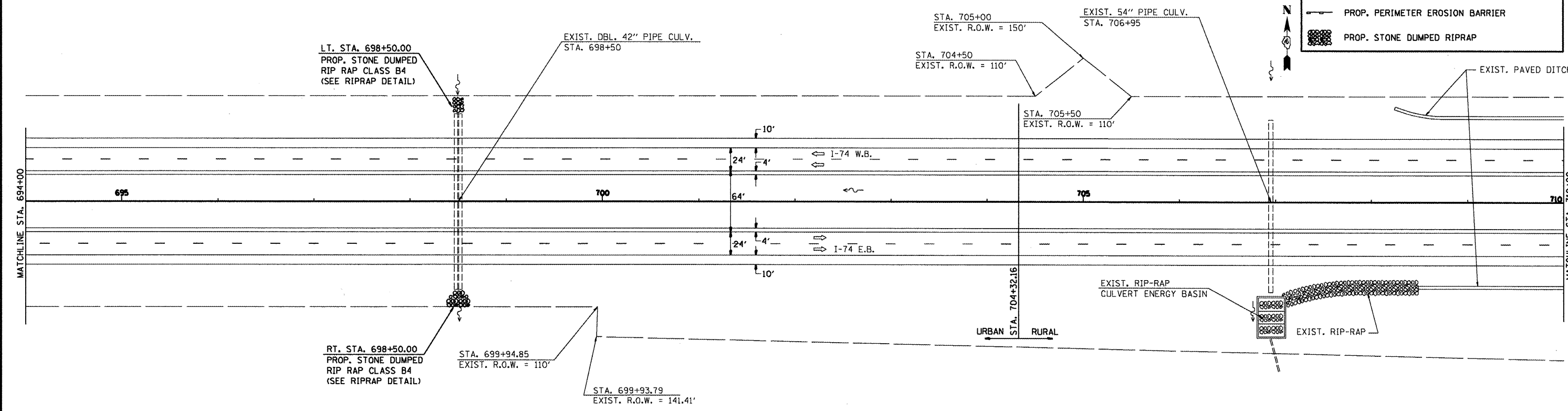
RT. STA. 682+00.00 TO RT. STA. 684+00.00
 PROP. GRADING AND SHAPING DITCHES
 PROP. FURNISH AND PLACE TOPSOIL 4"
 PROP. HEAVY DUTY EROSION CONTROL BLANKET
 PROP. SEEDING CLASS 2A
 PROP. NITROGEN FERTILIZER NUTRIENT
 PROP. PHOSPHORUS FERTILIZER NUTRIENT
 PROP. POTASSIUM FERTILIZER NUTRIENT
 PROP. TEMPORARY DITCH CHECKS
 PROP. TEMPORARY EROSION CONTROL SEEDING

EROSION CONTROL LEGEND

- PROP. GRADING AND SHAPING DITCHES
- PROP. FURNISH AND PLACE TOPSOIL 4"
- PROP. HEAVY DUTY EROSION CONTROL BLANKET
- PROP. SEEDING CLASS 2A
- PROP. NITROGEN FERTILIZER NUTRIENT
- PROP. PHOSPHORUS FERTILIZER NUTRIENT
- PROP. POTASSIUM FERTILIZER NUTRIENT
- PROP. TEMPORARY EROSION CONTROL SEEDING
- PROP. TEMPORARY DITCH CHECKS
- PROP. PERIMETER EROSION BARRIER
- PROP. STONE DUMPED RIPRAP

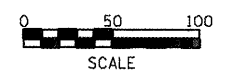
MATCHLINE STA. 694+00

MATCHLINE STA. 710+00



LT. STA. 698+50.00
 PROP. STONE DUMPED
 RIP RAP CLASS B4
 (SEE RIPRAP DETAIL)

RT. STA. 698+50.00
 PROP. STONE DUMPED
 RIP RAP CLASS B4
 (SEE RIPRAP DETAIL)



FILE NAME = I-74 Morton General File.dgn

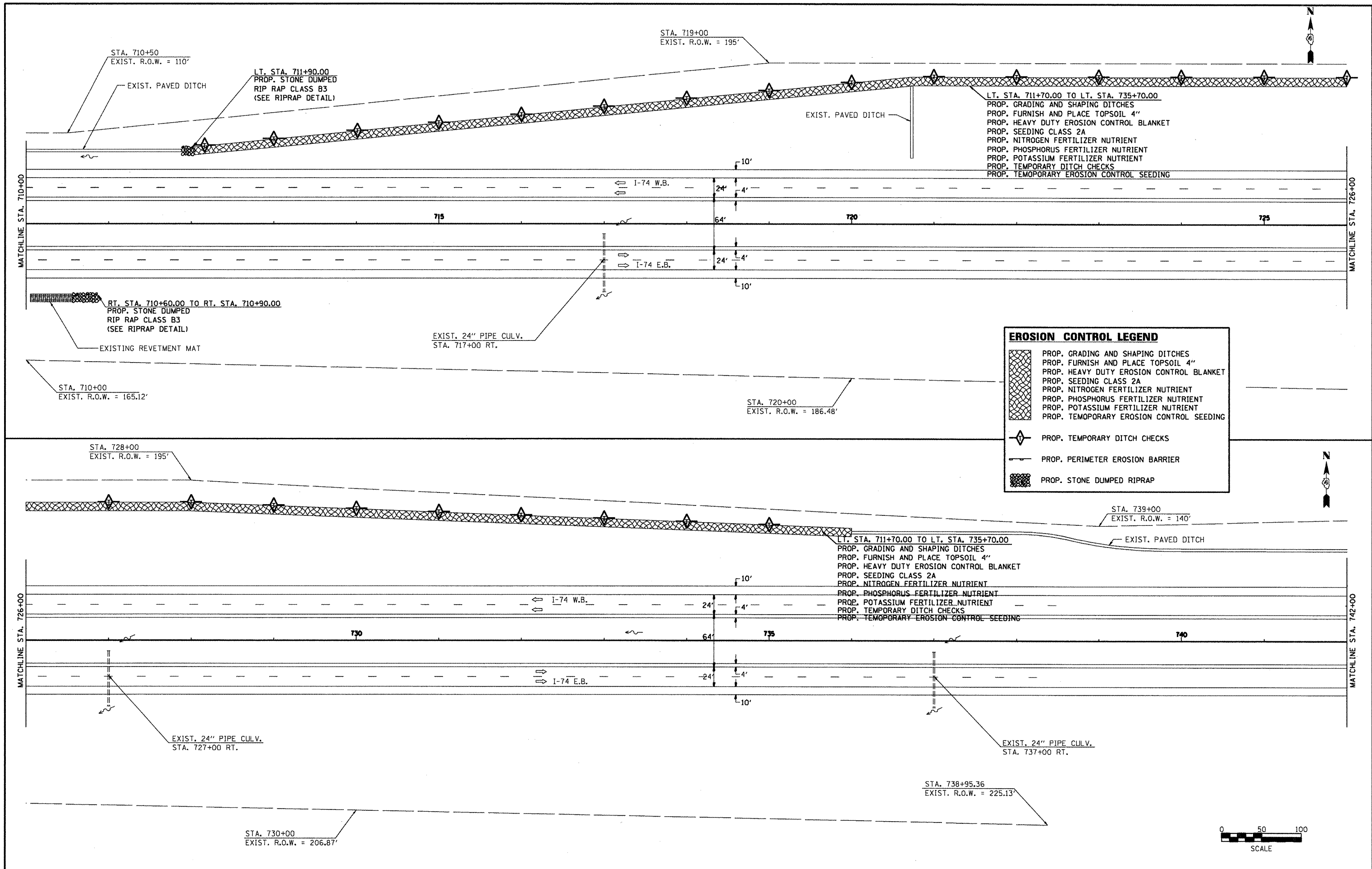
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|------------------------------|------------|-----------|
| USER NAME = k1marikk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN SHEETS

SCALE: PROVIDED ABOVE SHEET NO. 3 OF 12 SHEETS STA. 678+00 TO STA. 710+00

| | | | | |
|------------------------------|--------------|----------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | (90-15IRS-3) | TAZEWELL | 60 | 32 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |



FILE NAME =
I-74 Morton General File.dgn

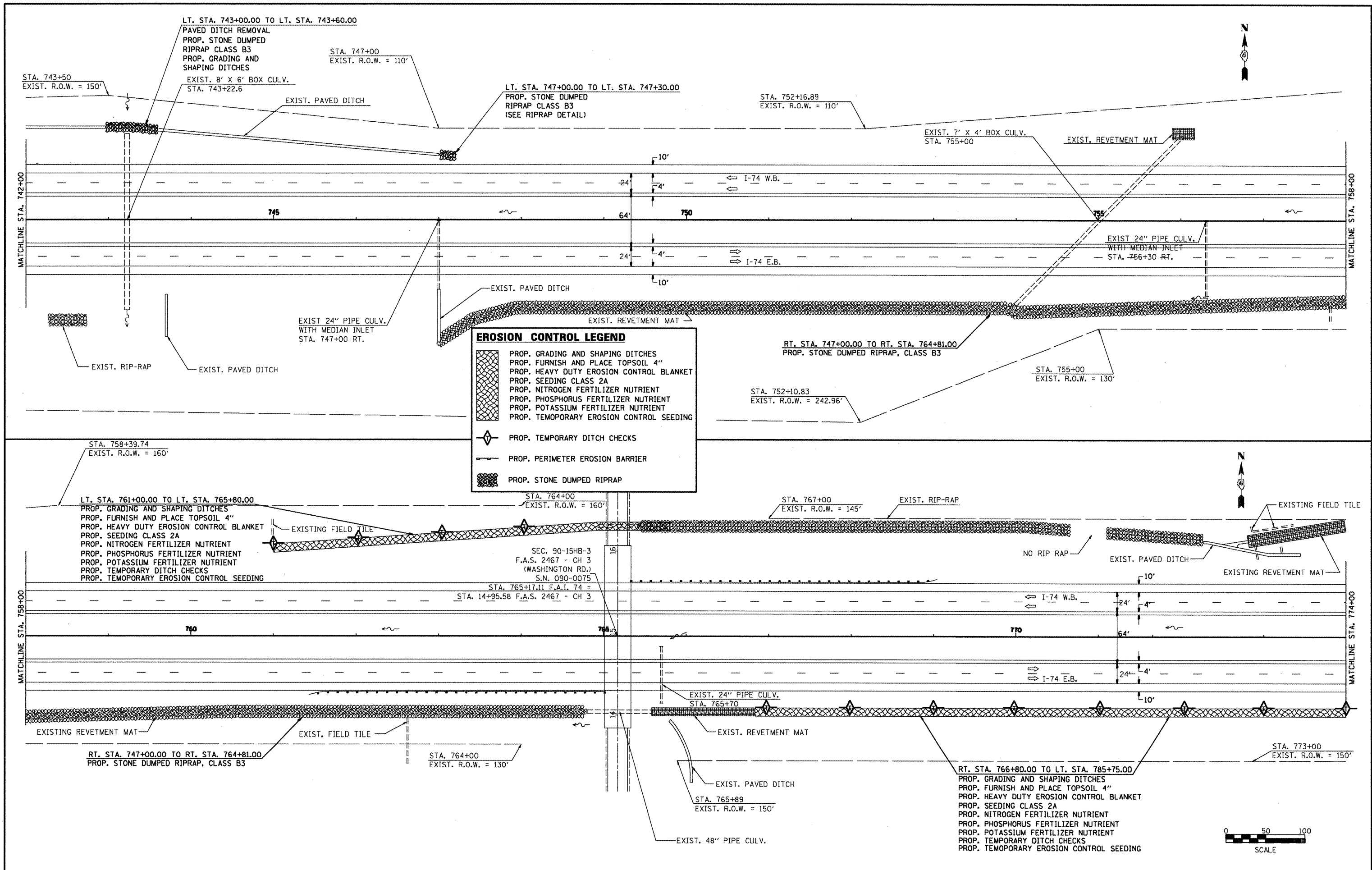
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|------------------------------|------------|-----------|
| USER NAME = kilmenkk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN SHEETS

SCALE: PROVIDED ABOVE SHEET NO. 4 OF 12 SHEETS STA. 710+00 TO STA. 742+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|-------------|----------|--------------|-----------|
| 74 | 190-15IRS-3 | TAZEWELL | 60 | 33 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |



EROSION CONTROL LEGEND

- PROP. GRADING AND SHAPING DITCHES
- PROP. FURNISH AND PLACE TOPSOIL 4"
- PROP. HEAVY DUTY EROSION CONTROL BLANKET
- PROP. SEEDING CLASS 2A
- PROP. NITROGEN FERTILIZER NUTRIENT
- PROP. PHOSPHORUS FERTILIZER NUTRIENT
- PROP. POTASSIUM FERTILIZER NUTRIENT
- PROP. TEMPORARY EROSION CONTROL SEEDING
- PROP. TEMPORARY DITCH CHECKS
- PROP. PERIMETER EROSION BARRIER
- PROP. STONE DUMPED RIPRAP

FILE NAME = I-74 Morton General File.dgn
 USER NAME = kilmankk
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 2/11/2009

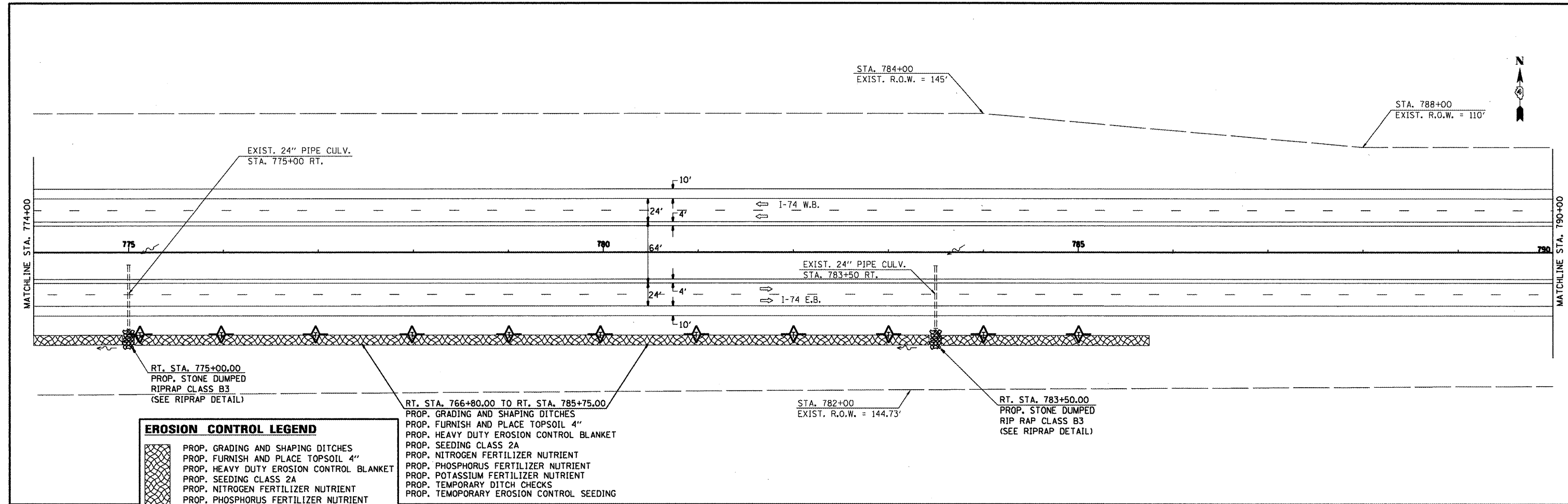
| | |
|------------|-----------|
| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN SHEETS

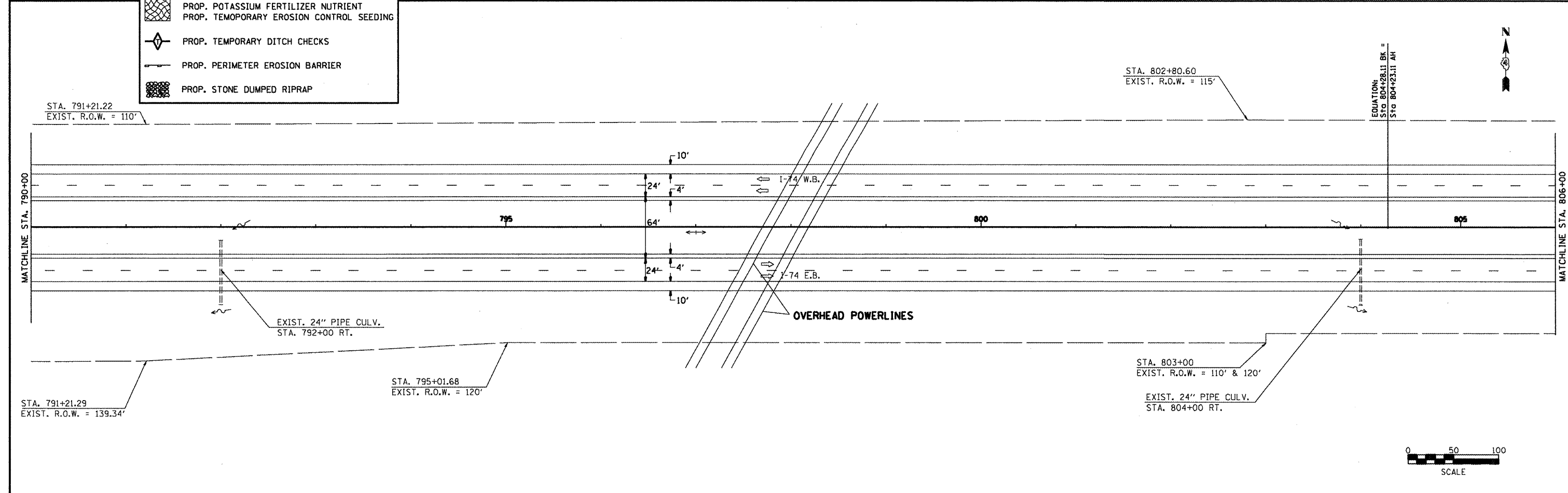
SCALE: PROVIDED ABOVE SHEET NO. 5 OF 12 SHEETS STA. 742+00 TO STA. 774+00

| | | | | |
|------------------------------|---------------------|-----------------|-----------------|--------------|
| F.A.I. RTE. 74 | SECTION 190-15IRS-3 | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 34 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |

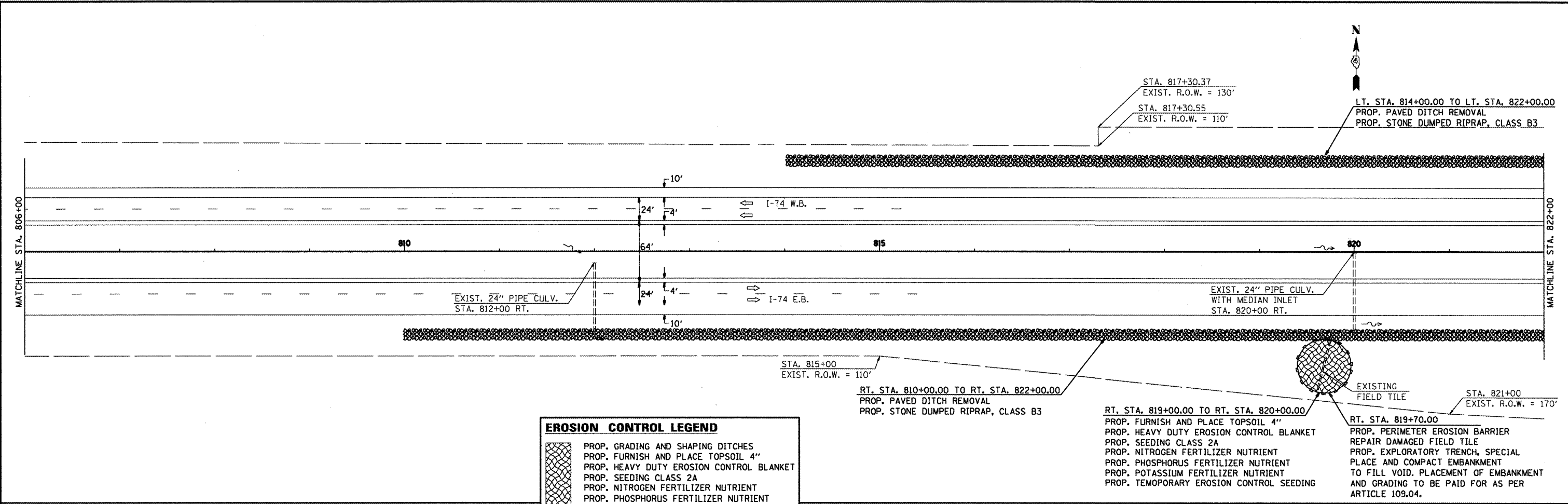


EROSION CONTROL LEGEND

| | |
|--|---|
| | PROP. GRADING AND SHAPING DITCHES PROP. FURNISH AND PLACE TOPSOIL 4" PROP. HEAVY DUTY EROSION CONTROL BLANKET PROP. SEEDING CLASS 2A PROP. NITROGEN FERTILIZER NUTRIENT PROP. PHOSPHORUS FERTILIZER NUTRIENT PROP. POTASSIUM FERTILIZER NUTRIENT PROP. TEMPORARY EROSION CONTROL SEEDING |
| | PROP. TEMPORARY DITCH CHECKS |
| | PROP. PERIMETER EROSION BARRIER |
| | PROP. STONE DUMPED RIPRAP |

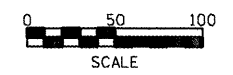
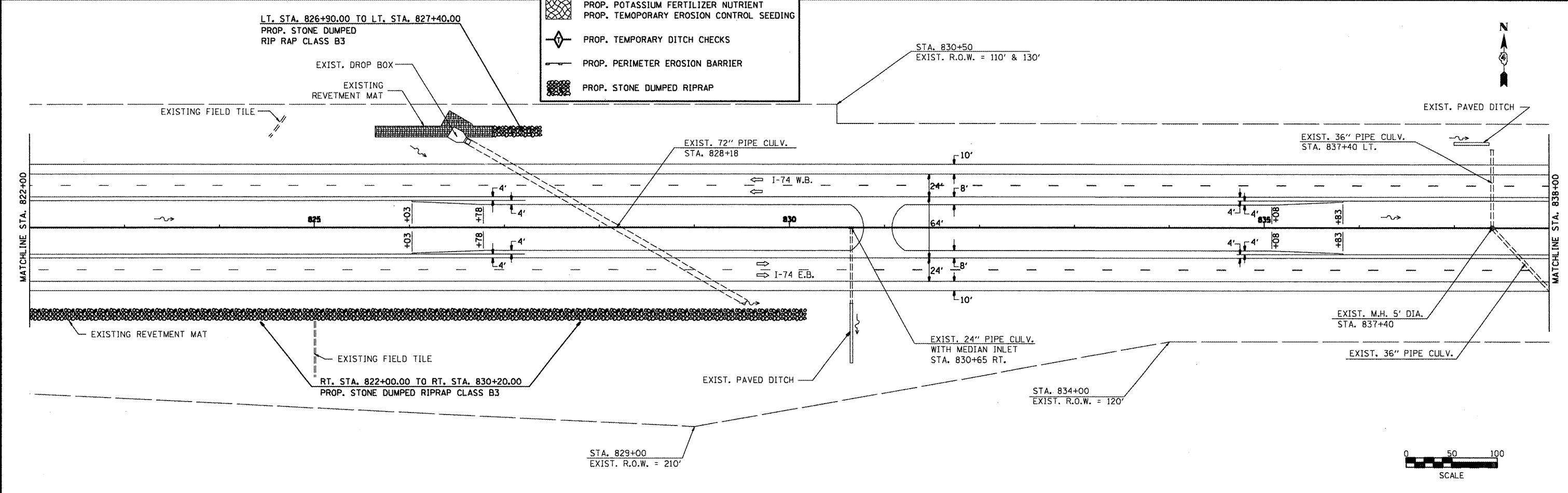


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|---|------------------------------|------------|-----------|---|------------------------------------|----------------------------|------------------------|--------------------|------------------------------|--------------------|---------------------------|
| FILE NAME = I-74 Morton General File.dgn | USER NAME = k1lmenkk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EROSION CONTROL PLAN SHEETS | F.A.I. RTE. 74 | SECTION (90-151RS-3 | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 35 | |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | | SCALE: PROVIDED ABOVE | | | SHEET NO. 6 OF 12 SHEETS | | CONTRACT NO. 68508 |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | | STA. 774+00 TO STA. 806+00 | | | ILLINOIS FEDERAL AID PROJECT | | |
| | | DATE - | REVISED - | | | | | | | | |

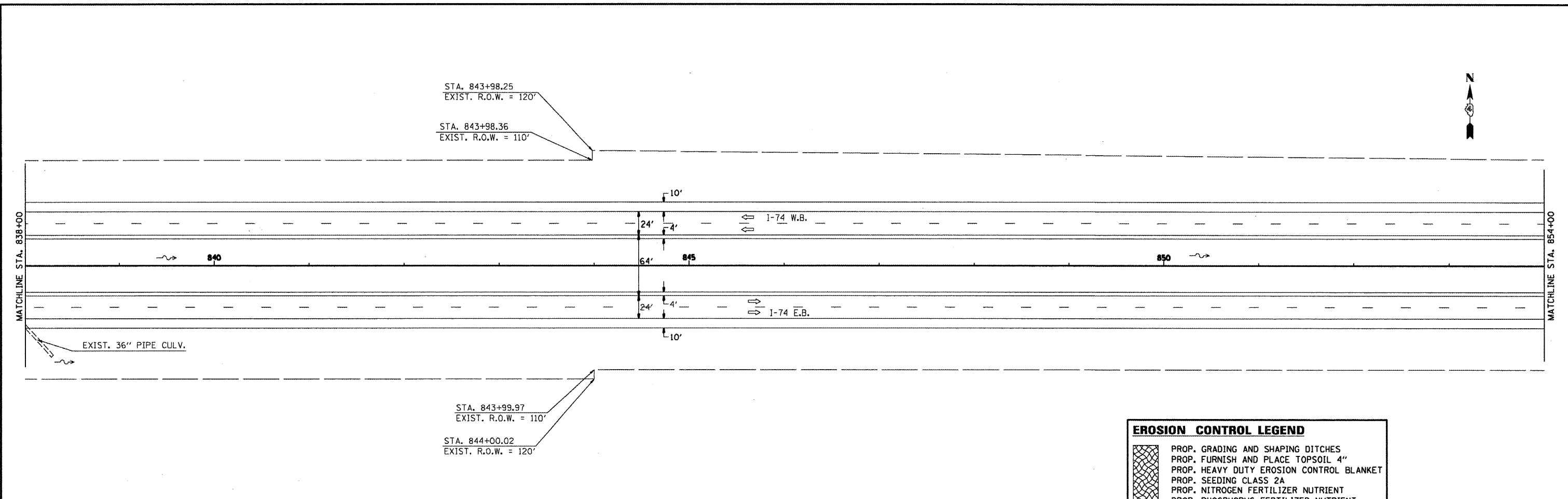


EROSION CONTROL LEGEND

- PROP. GRADING AND SHAPING DITCHES
- PROP. FURNISH AND PLACE TOPSOIL 4"
- PROP. HEAVY DUTY EROSION CONTROL BLANKET
- PROP. SEEDING CLASS 2A
- PROP. NITROGEN FERTILIZER NUTRIENT
- PROP. PHOSPHORUS FERTILIZER NUTRIENT
- PROP. POTASSIUM FERTILIZER NUTRIENT
- PROP. TEMPORARY EROSION CONTROL SEEDING
- PROP. TEMPORARY DITCH CHECKS
- PROP. PERIMETER EROSION BARRIER
- PROP. STONE DUMPED RIPRAP

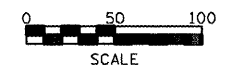
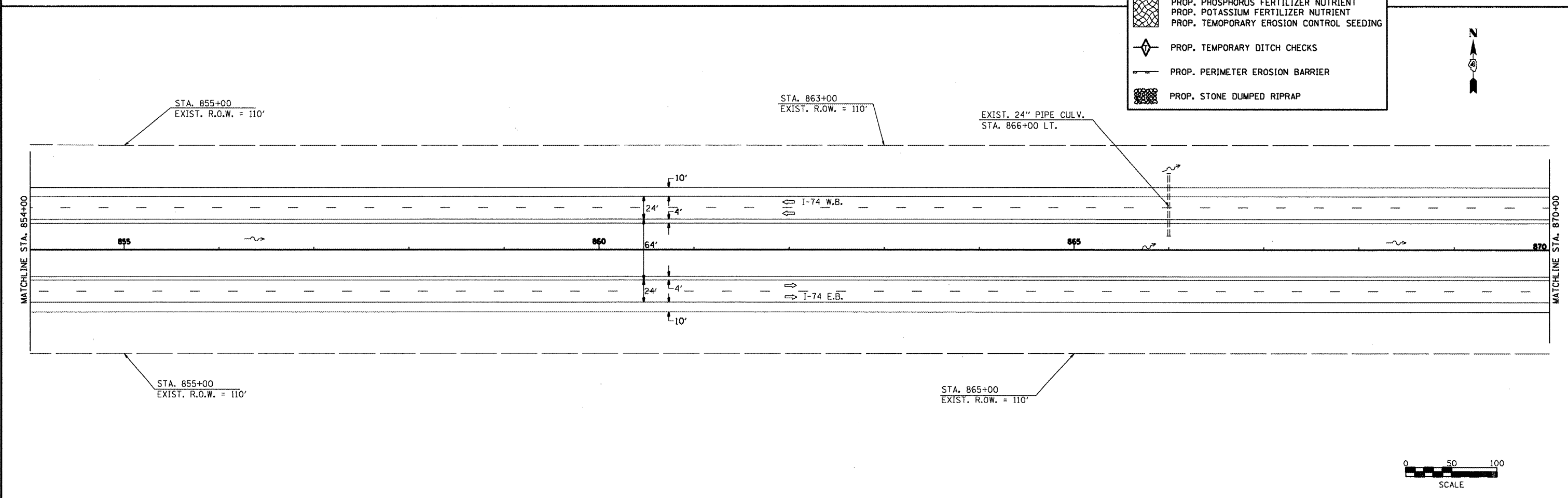


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| FILE NAME = I-74 Morton General File.dgn | USER NAME = k1manikk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EROSION CONTROL PLAN SHEETS | | | F.A.I. RTE. 74 | SECTION (90-15RS-3) | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 36 |
| | PLOT SCALE = 1/8" = 100' / IN. | DRAWN - | REVISED - | | SCALE: PROVIDED ABOVE | SHEET NO. 7 OF 12 SHEETS | STA. 806+00 TO STA. 838+00 | CONTRACT NO. 68508 | | | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | ILLINOIS FEDERAL AID PROJECT | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |

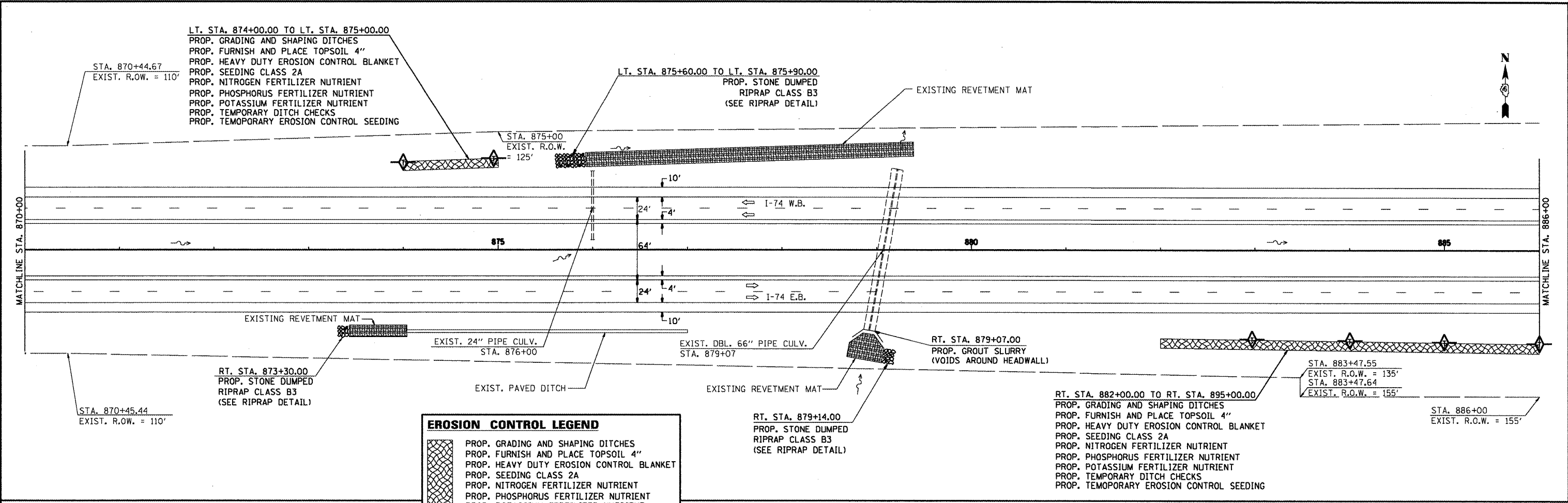


EROSION CONTROL LEGEND

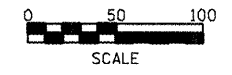
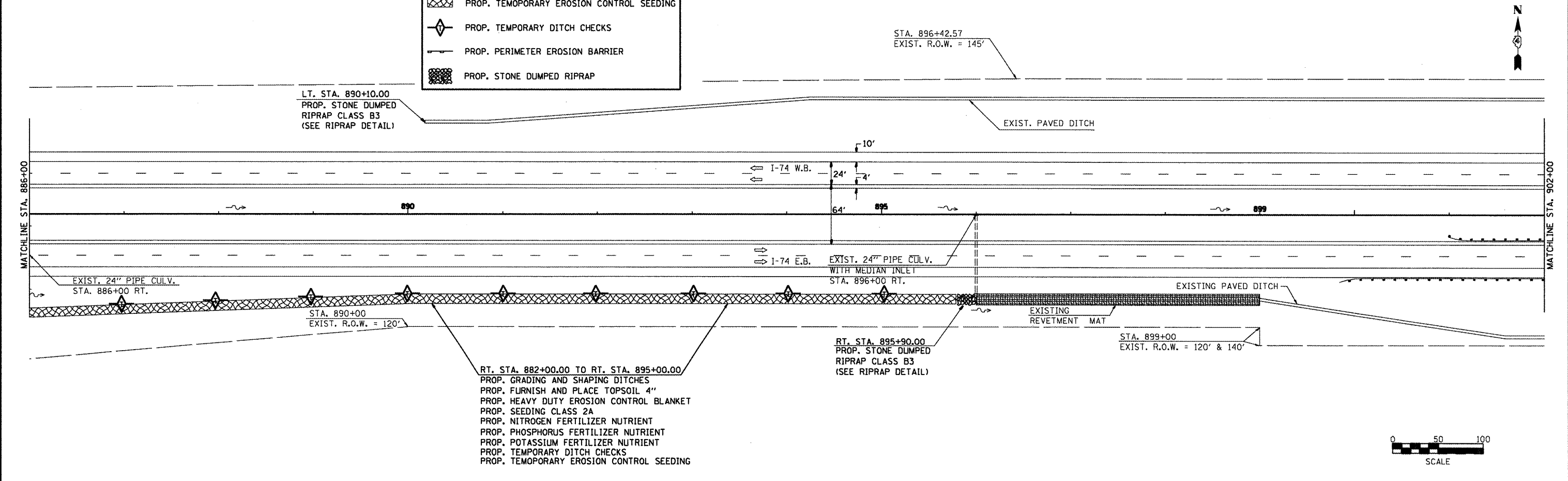
- PROP. GRADING AND SHAPING DITCHES
- PROP. FURNISH AND PLACE TOPSOIL 4"
- PROP. HEAVY DUTY EROSION CONTROL BLANKET
- PROP. SEEDING CLASS 2A
- PROP. NITROGEN FERTILIZER NUTRIENT
- PROP. PHOSPHORUS FERTILIZER NUTRIENT
- PROP. POTASSIUM FERTILIZER NUTRIENT
- PROP. TEMPORARY EROSION CONTROL SEEDING
- PROP. TEMPORARY DITCH CHECKS
- PROP. PERIMETER EROSION BARRIER
- PROP. STONE DUMPED RIPRAP



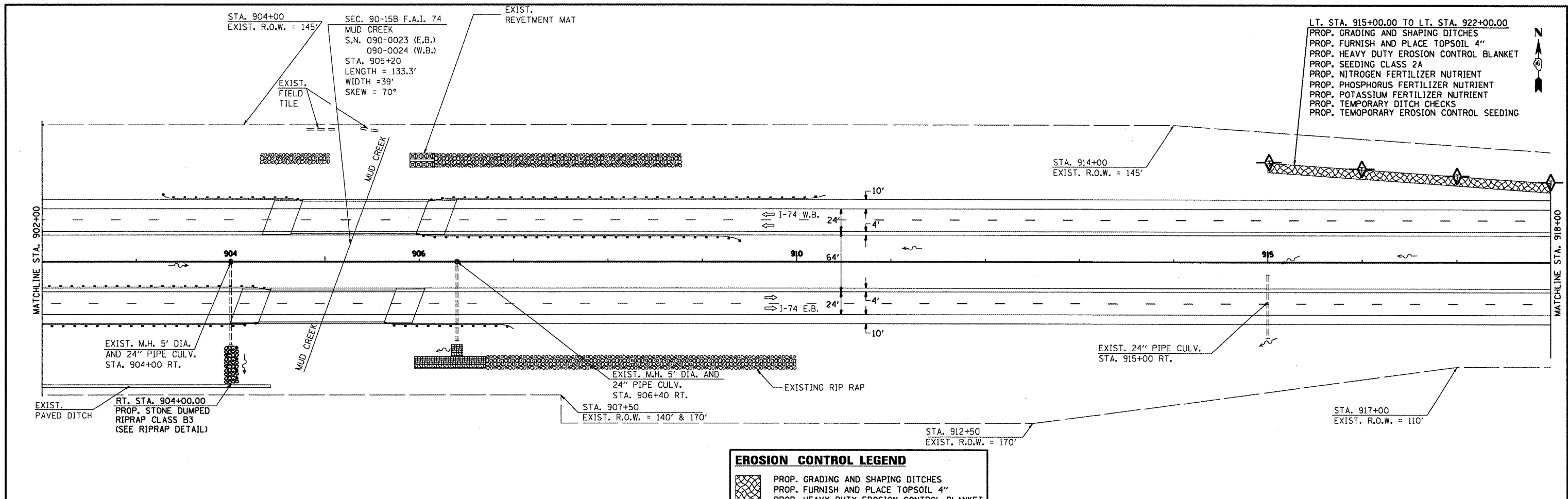
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| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmankk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EROSION CONTROL PLAN SHEETS | | | F.A.J. RTE. 74 | SECTION (90-15IRS-3) | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 37 |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | SCALE: PROVIDED ABOVE | SHEET NO. 8 OF 12 SHEETS | STA. 838+00 TO STA. 870+00 | CONTRACT NO. 68508 | | | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | ILLINOIS FEDERAL AID PROJECT | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |



| EROSION CONTROL LEGEND | |
|------------------------|---|
| | PROP. GRADING AND SHAPING DITCHES PROP. FURNISH AND PLACE TOPSOIL 4" PROP. HEAVY DUTY EROSION CONTROL BLANKET PROP. SEEDING CLASS 2A PROP. NITROGEN FERTILIZER NUTRIENT PROP. PHOSPHORUS FERTILIZER NUTRIENT PROP. POTASSIUM FERTILIZER NUTRIENT PROP. TEMPORARY EROSION CONTROL SEEDING |
| | PROP. TEMPORARY DITCH CHECKS |
| | PROP. PERIMETER EROSION BARRIER |
| | PROP. STONE DUMPED RIPRAP |

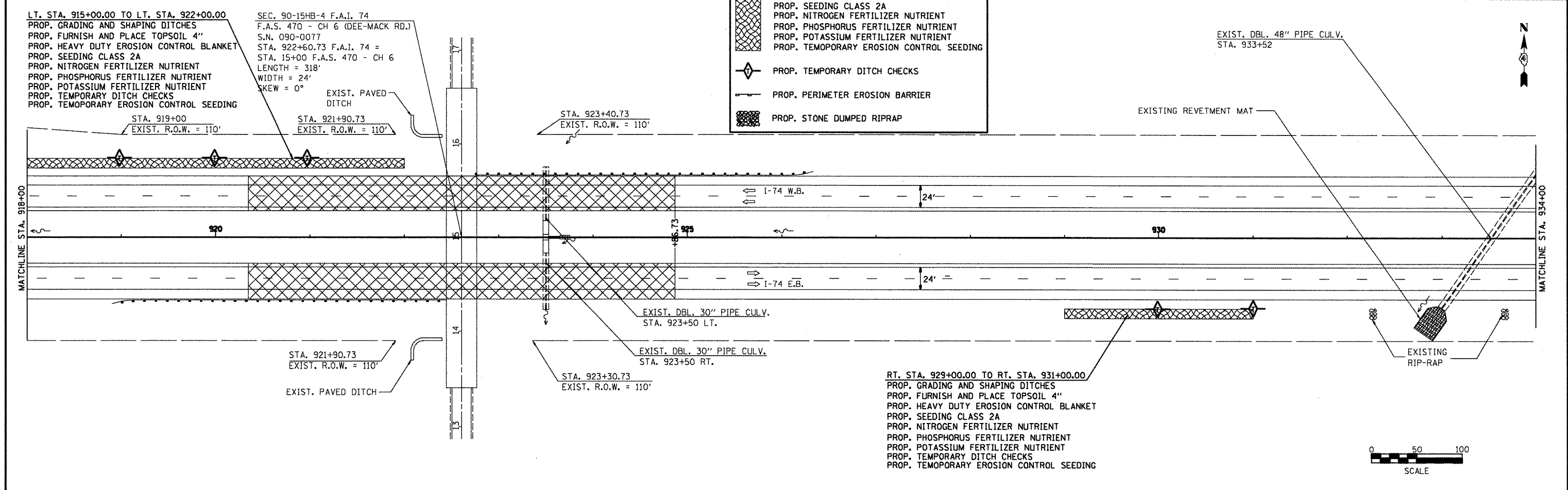


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| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmankk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EROSION CONTROL PLAN SHEETS | | | F.A.I. RTE. 74 | SECTION (90-15)RS-3 | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 38 |
| | PLOT SCALE = 1/8" = 100.0000' / IN. | DRAWN - | REVISED - | | SCALE: PROVIDED ABOVE | SHEET NO. 9 OF 12 SHEETS | STA. 870+00 TO STA. 902+00 | CONTRACT NO. 68508 | | | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | ILLINOIS FEDERAL AID PROJECT | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |

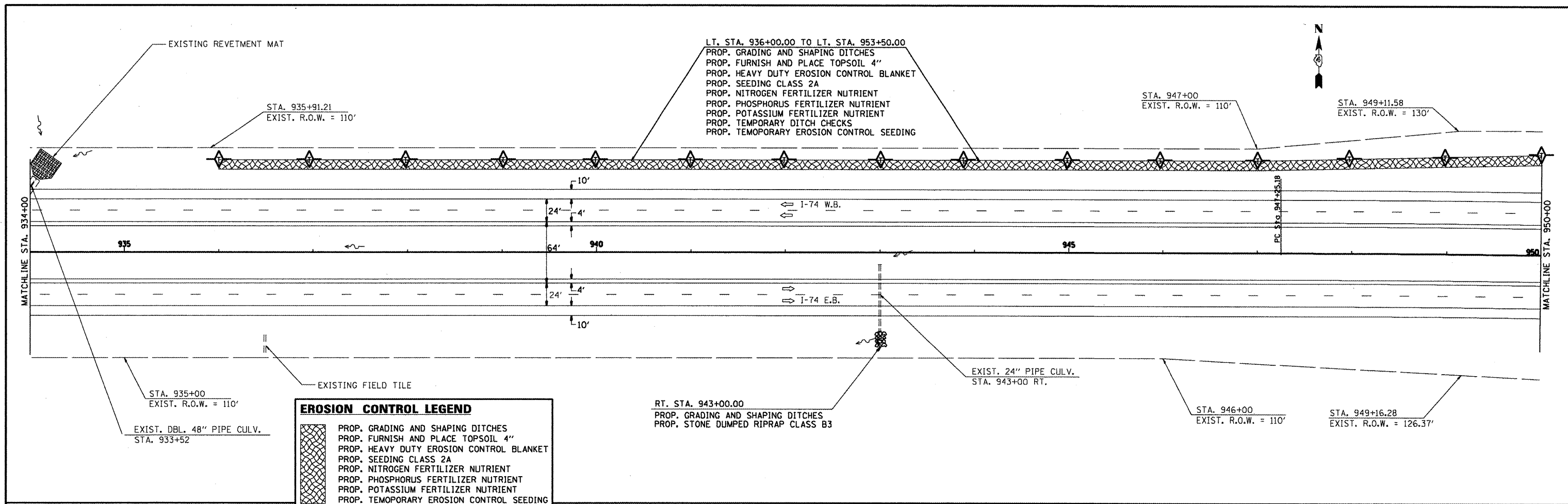


EROSION CONTROL LEGEND

| | |
|--|---|
| | PROP. GRADING AND SHAPING DITCHES PROP. FURNISH AND PLACE TOPSOIL 4" PROP. HEAVY DUTY EROSION CONTROL BLANKET PROP. SEEDING CLASS 2A PROP. NITROGEN FERTILIZER NUTRIENT PROP. PHOSPHORUS FERTILIZER NUTRIENT PROP. POTASSIUM FERTILIZER NUTRIENT PROP. TEMPORARY EROSION CONTROL SEEDING |
| | PROP. TEMPORARY DITCH CHECKS |
| | PROP. PERIMETER EROSION BARRIER |
| | PROP. STONE DUMPED RIPRAP |

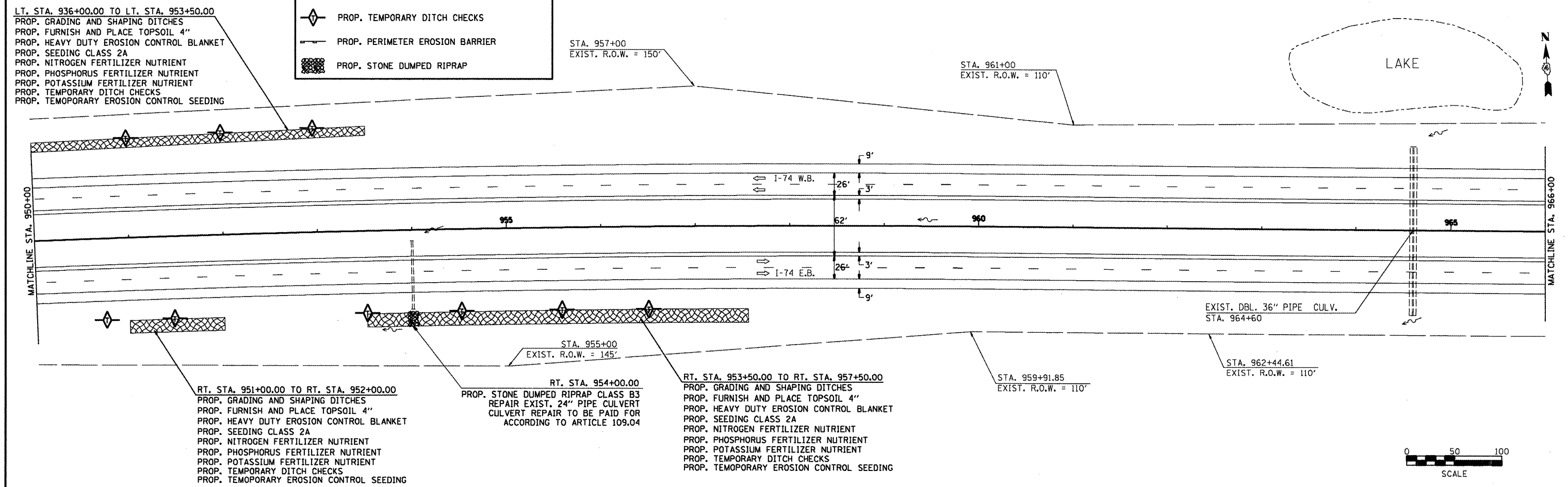


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| FILE NAME = I-74 Morton General File.dgn | USER NAME = kilmankk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EROSION CONTROL PLAN SHEETS | F.A.I. RTE. 74 | SECTION 190-15IRS-3 | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 39 | | |
| PLOT SCALE = 1/8" = 100' | CHECKED - | REVISED - | SCALE: PROVIDED ABOVE | | | SHEET NO. 10 OF 12 SHEETS | STA. 902+00 TO STA. 934+00 | CONTRACT NO. 68508 | | ILLINOIS FEDERAL AID PROJECT | | |
| PLOT DATE = 2/11/2009 | DATE - | REVISED - | | | | | | | | | | |
| | | | | | | | | | | | | |



EROSION CONTROL LEGEND

| | |
|--|---|
| | PROP. GRADING AND SHAPING DITCHES PROP. FURNISH AND PLACE TOPSOIL 4" PROP. HEAVY DUTY EROSION CONTROL BLANKET PROP. SEEDING CLASS 2A PROP. NITROGEN FERTILIZER NUTRIENT PROP. PHOSPHORUS FERTILIZER NUTRIENT PROP. POTASSIUM FERTILIZER NUTRIENT PROP. TEMPORARY EROSION CONTROL SEEDING |
| | PROP. TEMPORARY DITCH CHECKS |
| | PROP. PERIMETER EROSION BARRIER |
| | PROP. STONE DUMPED RIPRAP |



FILE NAME = I-74 Marston General File.dgn
 USER NAME = k1mankk
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 2/11/2009

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

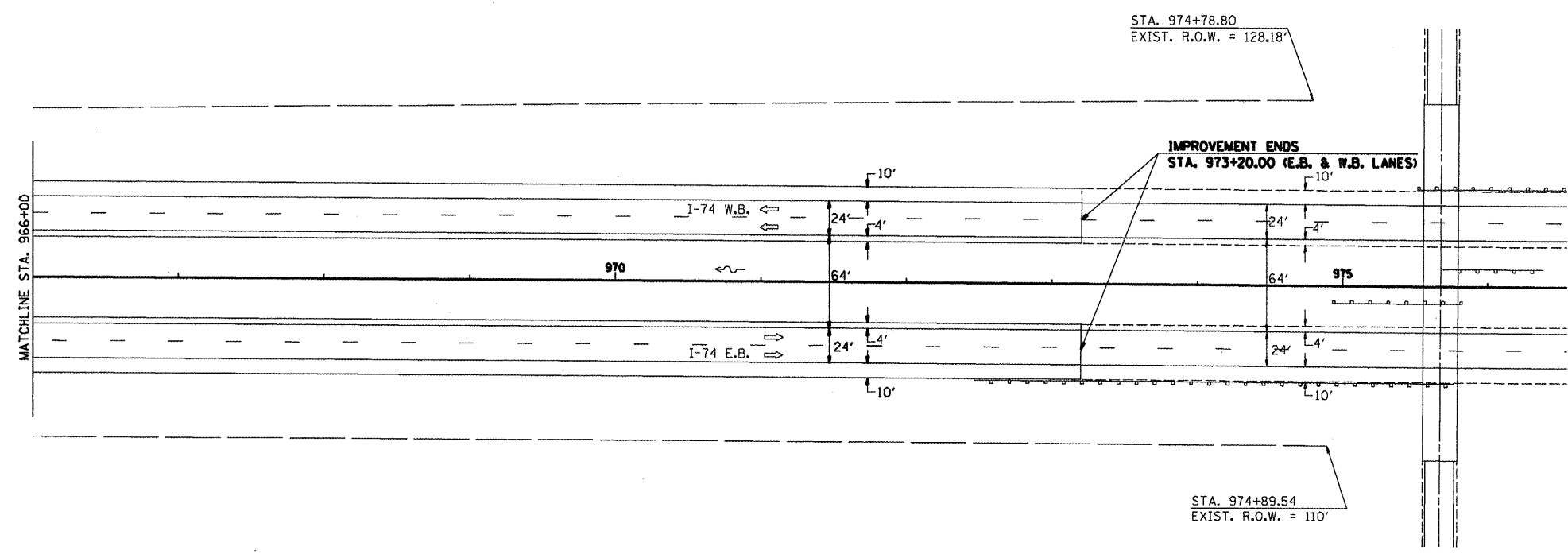
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN SHEETS

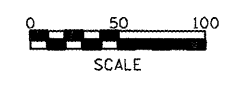
SCALE: PROVIDED ABOVE SHEET NO. 11 OF 12 SHEETS STA. 934+00 TO STA. 966+00

| | | | | |
|------------------------------|-------------|----------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 40 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FEDERAL AID PROJECT | | | | |





| EROSION CONTROL LEGEND | |
|------------------------|--|
| | PROP. GRADING AND SHAPING DITCHES |
| | PROP. FURNISH AND PLACE TOPSOIL 4" |
| | PROP. HEAVY DUTY EROSION CONTROL BLANKET |
| | PROP. SEEDING CLASS 2A |
| | PROP. NITROGEN FERTILIZER NUTRIENT |
| | PROP. PHOSPHORUS FERTILIZER NUTRIENT |
| | PROP. POTASSIUM FERTILIZER NUTRIENT |
| | PROP. TEMPORARY EROSION CONTROL SEEDING |
| | PROP. TEMPORARY DITCH CHECKS |
| | PROP. PERIMETER EROSION BARRIER |
| | PROP. STONE DUMPED RIPRAP |



| | |
|--------------|------------------------------|
| FILE NAME = | 1-74 Morton General File.dgn |
| USER NAME = | klmknk |
| PLOT SCALE = | 100.0000' / IN. |
| PLOT DATE = | 2/11/2009 |

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN SHEETS

SCALE: PROVIDED ABOVE SHEET NO. 12 OF 12 SHEETS STA. 966+00 TO STA. 973+00

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------|----------|------------------------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 41 |
| CONTRACT NO. 68508 | | | ILLINOIS FEDERAL AID PROJECT | |

EXPANSION JOINT TREATMENT DETAIL

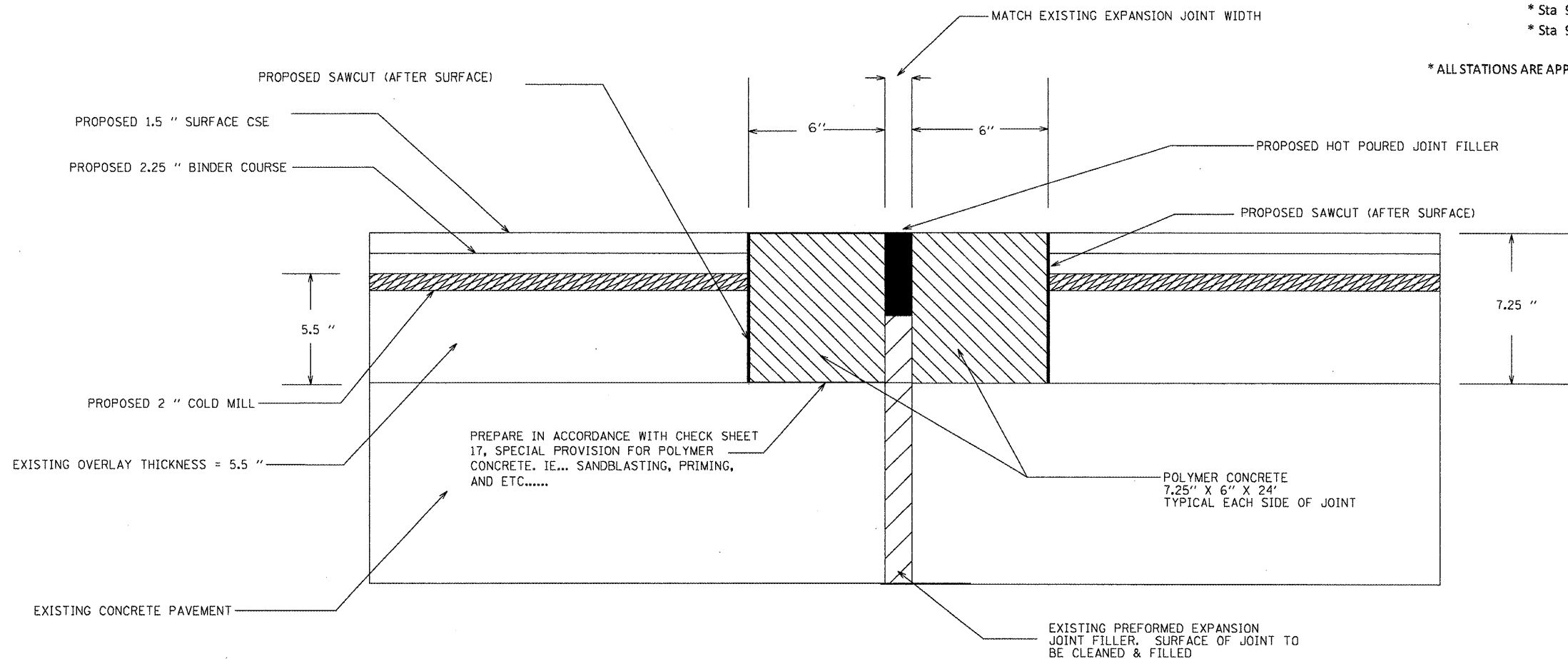
(DRAWING NOT TO SCALE)

EXPANSION JOINT LOCATIONS

* Sta 641+57
* Sta 646+36
* Sta 903+84
* Sta 906+23

* Sta 639+17
* Sta 647+65
* Sta 904+16
* Sta 906+55

* ALL STATIONS ARE APPROXIMATE AND NEED TO BE FIELD VERIFIED DURING PATCHING OPERATIONS



REPAIR SEQUENCE

- 1 LOCATE ALL EXISTING EXPANSION JOINTS
- 2 DETERMINE IF A CLASS B PATCH - EXPANSION JOINT WILL BE REQUIRED (PATCH IF NECESSARY)
- 3 LAYOUT & TIE OFF ALL JOINTS SO THEY CAN BE LOCATED AFTER MILLING AND PAVING
- 4 COLD MILL 2" & REPAVE WITH BINDER AND SURFACE
- 5 SAWCUT NEW BINDER CSE ABOVE CENTER OF JOINT AS SOON AS MIX HAS BEEN FINAL ROLLED & TEMPERATURES ALLOW
- 6 SAWCUT NEW SURFACE CSE ABOVE CENTER OF JOINT AS SOON AS MIX HAS BEEN FINAL ROLLED & TEMPERATURES ALLOW
- 7 SAWCUT NEW SURFACE CSE AT 4" FROM BOTH JOINT OPENINGS
- 8 PREPARE IN ACCORDANCE WITH CHECK SHEET #17, RECURRING SPECIAL PROVISIONS
- 9 REMOVE ALL BITUMINOUS LAYERS DOWN TO **EXISTING PCC** CONCRETE WITH CARE
- 10 REMOVE ALL EXISTING JOINT MATERIAL
- 11 PLACE POLYMER CONCRETE NOSING AS SHOWN IN THIS PLAN DETAIL
- 12 POUR REMAINING JOINT OPENING WITH HOT POURED JOINT FILLER

NOTE:

REQUIRED SAWCUTS AND HOT POURED JOINT FILLER WILL BE INCLUDED IN THE COST OF **POLYMER CONCRETE**

POLYMER CONCRETE THICKNESS DETERMINATION

| | | |
|------------------|-------------|---|
| EXISTING OVERLAY | +/- 5.5 IN | |
| COLD MILL | 2 IN | - |
| BINDER CSE | 2.25 IN | + |
| SURFACE CSE | 1.5 IN | + |
| <hr/> | | |
| POLYMER CONCRETE | +/- 7.25 IN | |

FILE NAME =
1-74 Morton General File.dgn

USER NAME = kilmankk

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

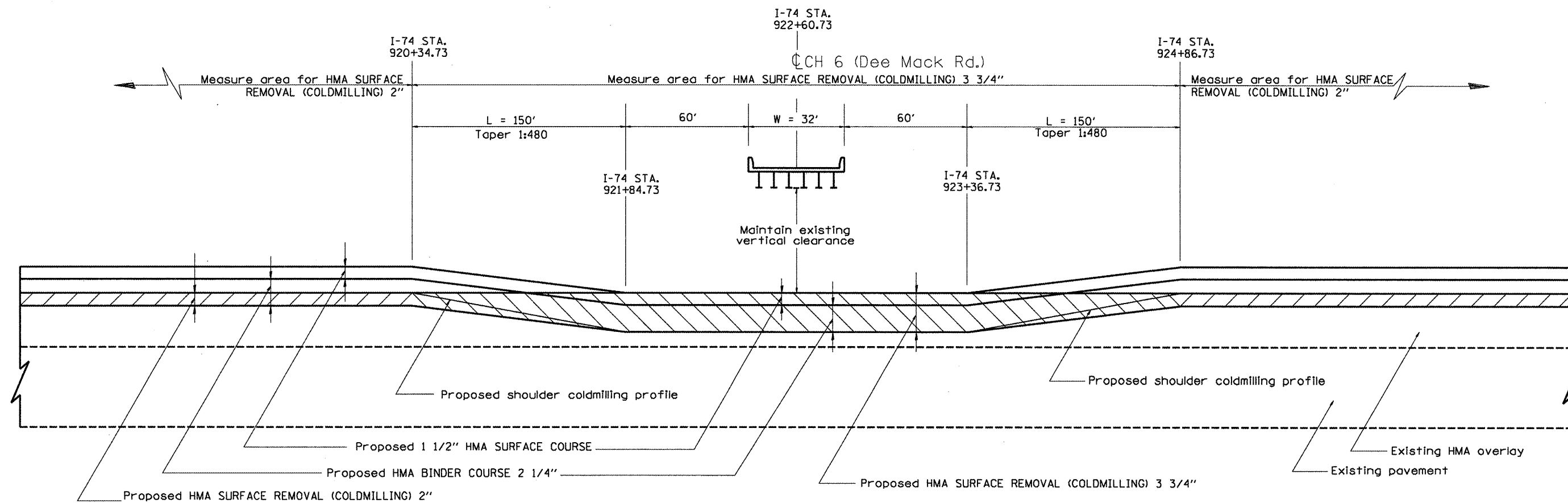
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT TREATMENT DETAIL

SHEET NO. 1 OF 1 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|--------------|----------|--------------------|-----------|
| 74 | (90-15IRS-3) | TAZEWELL | 60 | 42 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 68508 | |



NOTE: HMA shoulders adjacent to the bridge taper shall be coldmilled 0 to 3 3/4" (see typical section 3).

FILE NAME =
I-74 Morton General File.dgn

USER NAME = kilmenkk
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 2/11/2009

DESIGNED -
DRAWN -
CHECKED -
DATE -

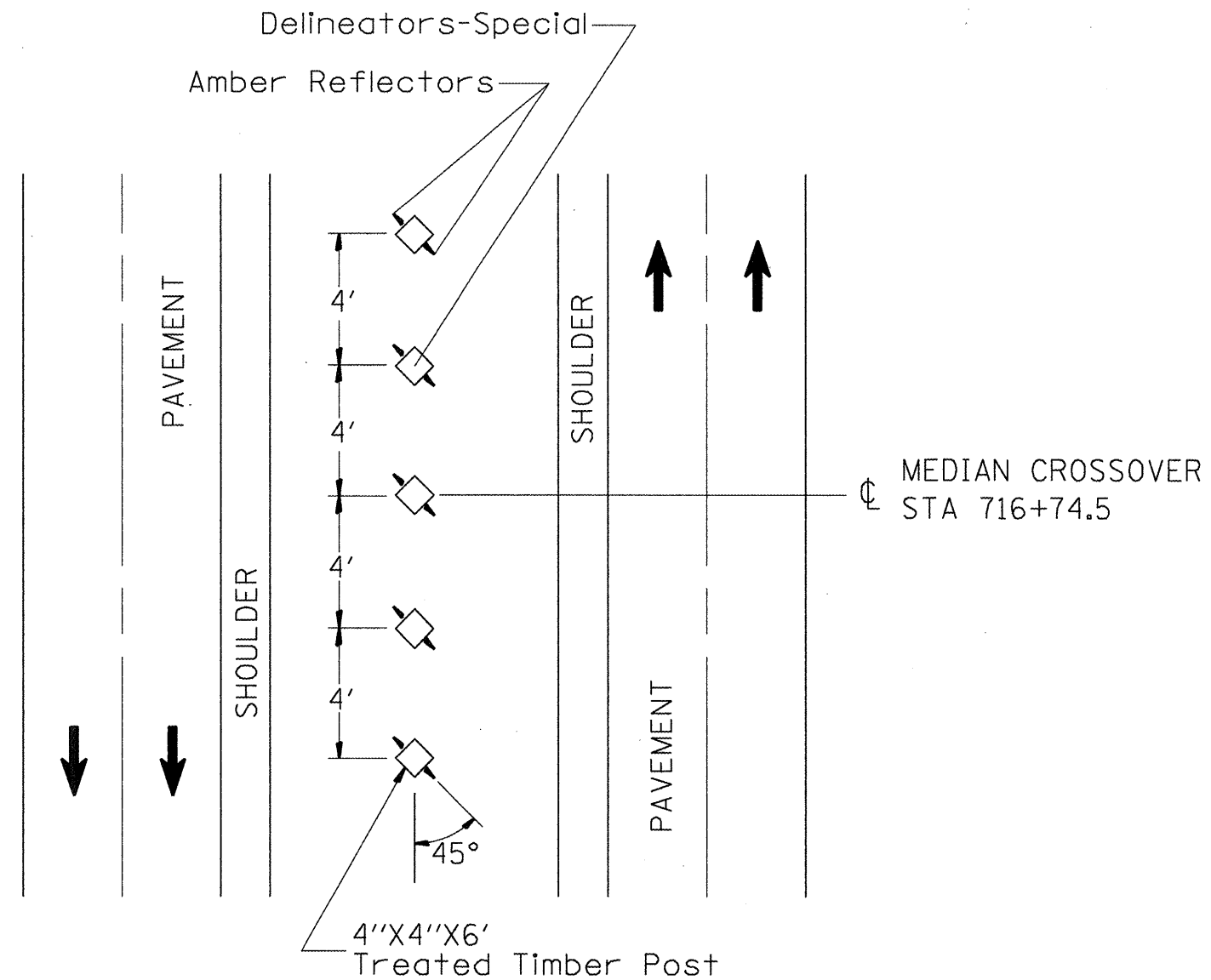
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT OVERLAY UNDER S.N. 090-0077
(STA. 922 + 60.73) SPECIAL DETAIL

NOT TO SCALE SHEET NO. 1 OF 1 SHEETS STA. 922+60.73

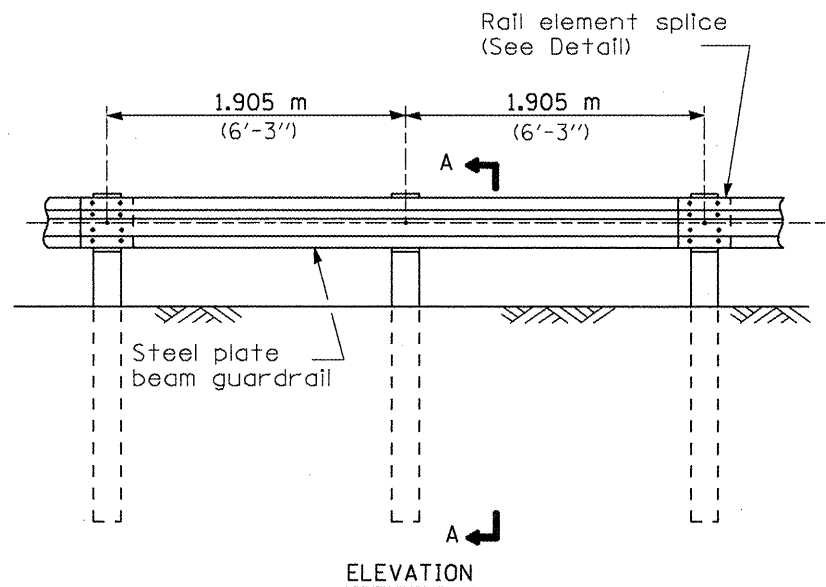
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------|----------|--------------|-----------|
| 74 | (90-15IRS-3 | TAZEWELL | 60 | 43 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTES:

1. DELINEATORS, SPECIAL shall be constructed of 4" x 4" x 6' treated timber.
2. Each post shall be buried a minimum of 36 inches deep.
3. Timber shall be treated in accordance with Article 1007.12 of the Standard Specifications. Waterborne Preservatives, ASA and CCA, shall have A 0.40 lbs/ft³ minimum retention.
4. Amber Reflectors shall meet the requirements of Article 1097.03 of the Standard Specifications.
5. Amber Reflectors shall be included in the cost of DELINEATORS, SPECIAL

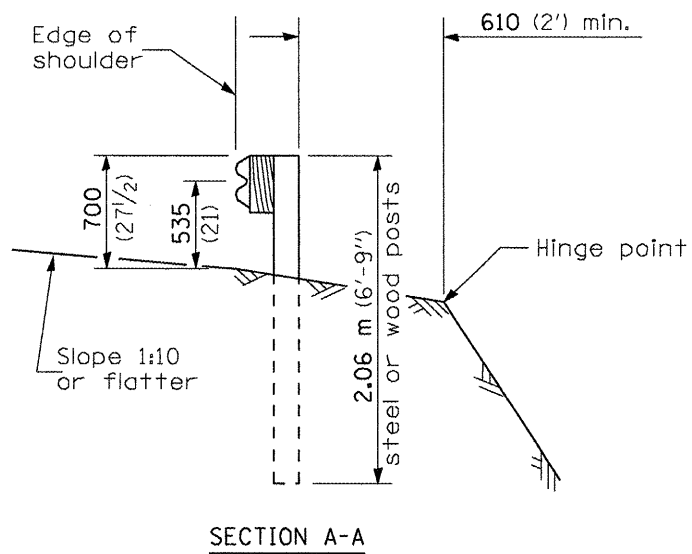
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|---|------------------------------|------------|-----------|---|---|-------------------------|----------------|---------------------------|------------------------|--------------------|-----------------------|--------------------|
| FILE NAME = 1-74 Morton General File.dgn | USER NAME = k3menkk | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MEDIAN CROSSOVER CLOSURE DETAIL (STA. 716 + 74.50) | | | F.A.I. RTE. 74 | SECTION (90-151RS-3 | COUNTY TAZEWELL | TOTAL SHEETS 60 | SHEET NO. 44 |
| | PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - | | NOT TO SCALE | SHEET NO. 1 OF 1 SHEETS | STA. 716+74.50 | CONTRACT NO. 68508 | | | | |
| | PLOT DATE = 2/11/2009 | CHECKED - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |



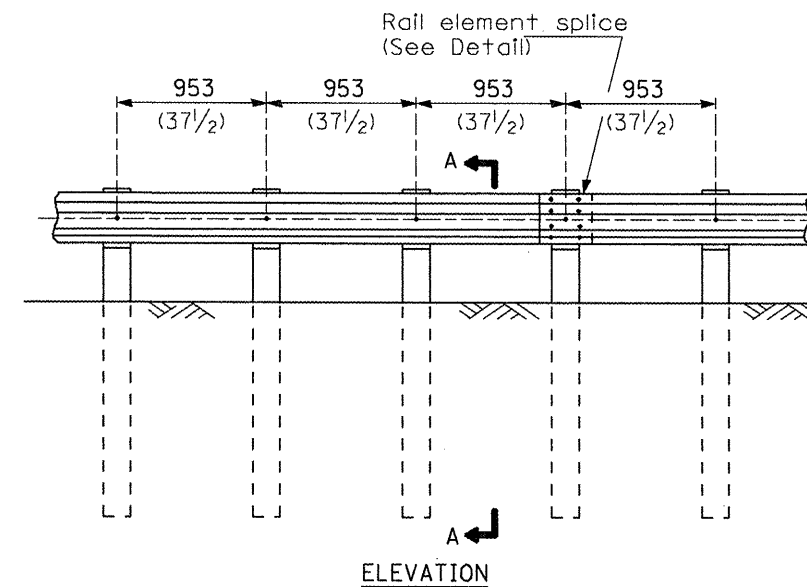
ELEVATION

TYPE A

1.905 m (6'-3") Typical post spacing



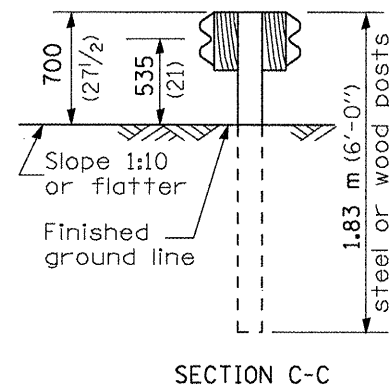
SECTION A-A



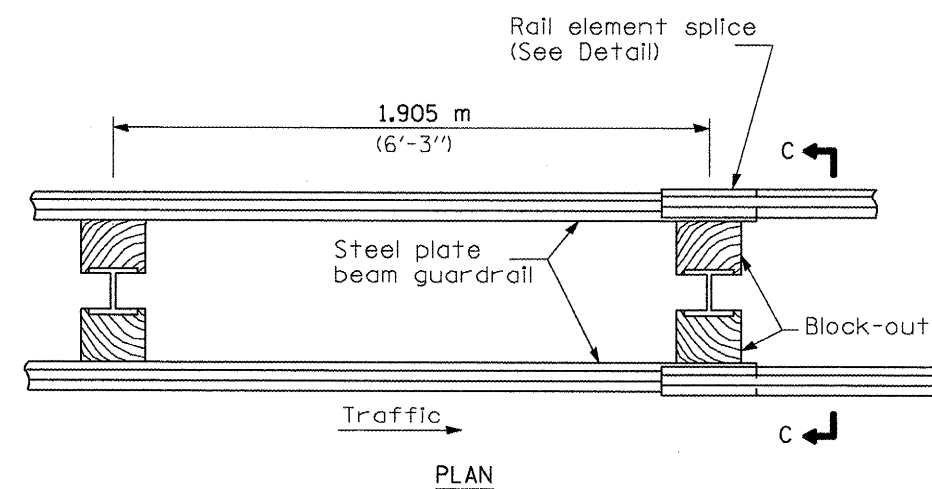
ELEVATION

TYPE B

953 (37 1/2) Closed post spacing



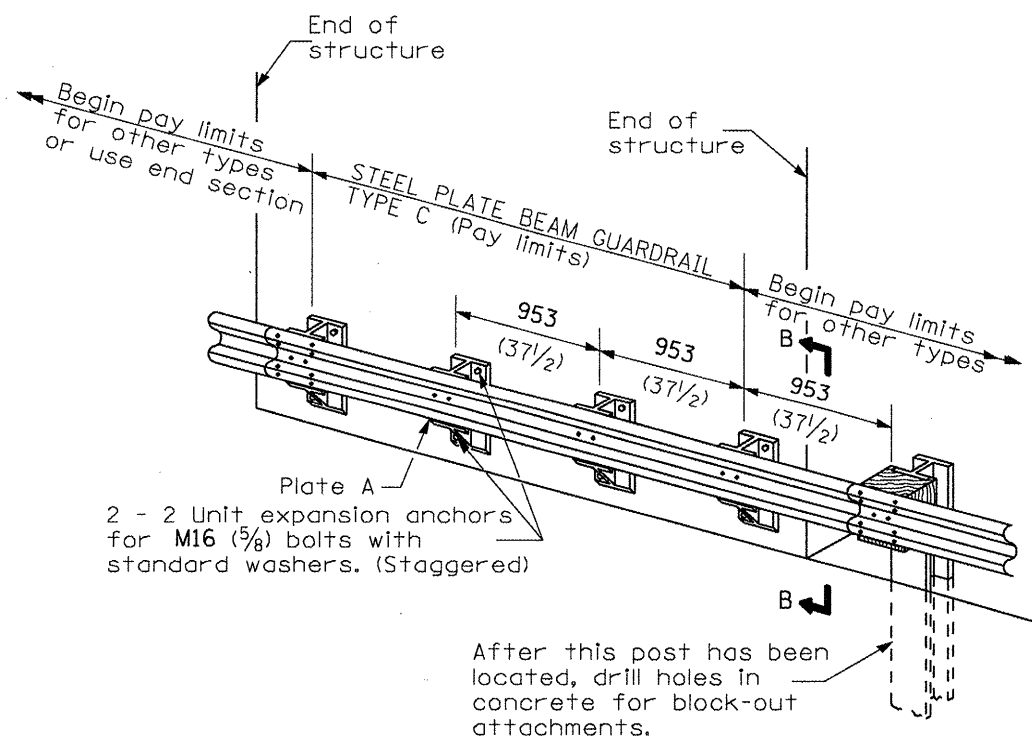
SECTION C-C



PLAN

TYPE D

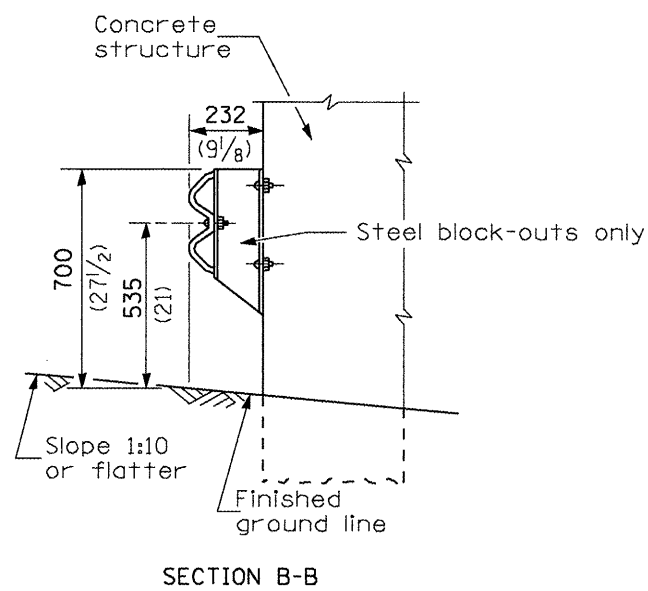
Double steel plate beam guardrail
1.905 m (6'-3") typical post spacing



TYPE C

953 (37 1/2) Block-out spacing

After this post has been located, drill holes in concrete for block-out attachments.



SECTION B-B

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

FILE NAME = I-74 Morton General File.dgn

USER NAME = kilmenkk
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 2/11/2009

DESIGNED -
DRAWN -
CHECKED -
DATE -

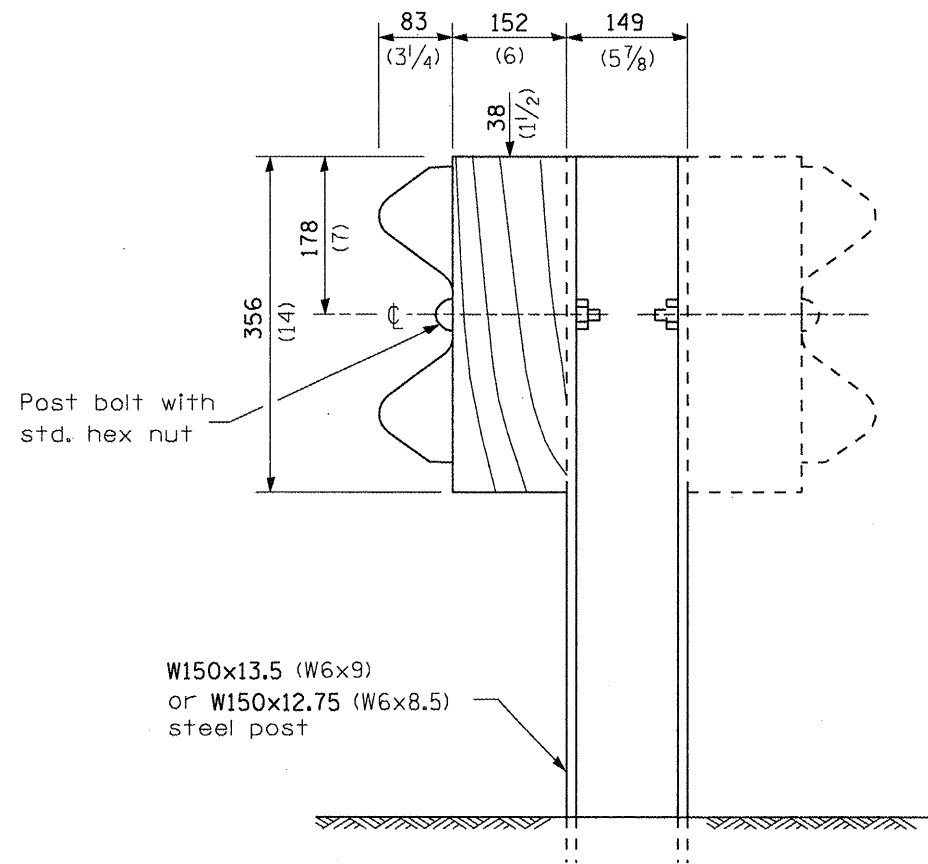
REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

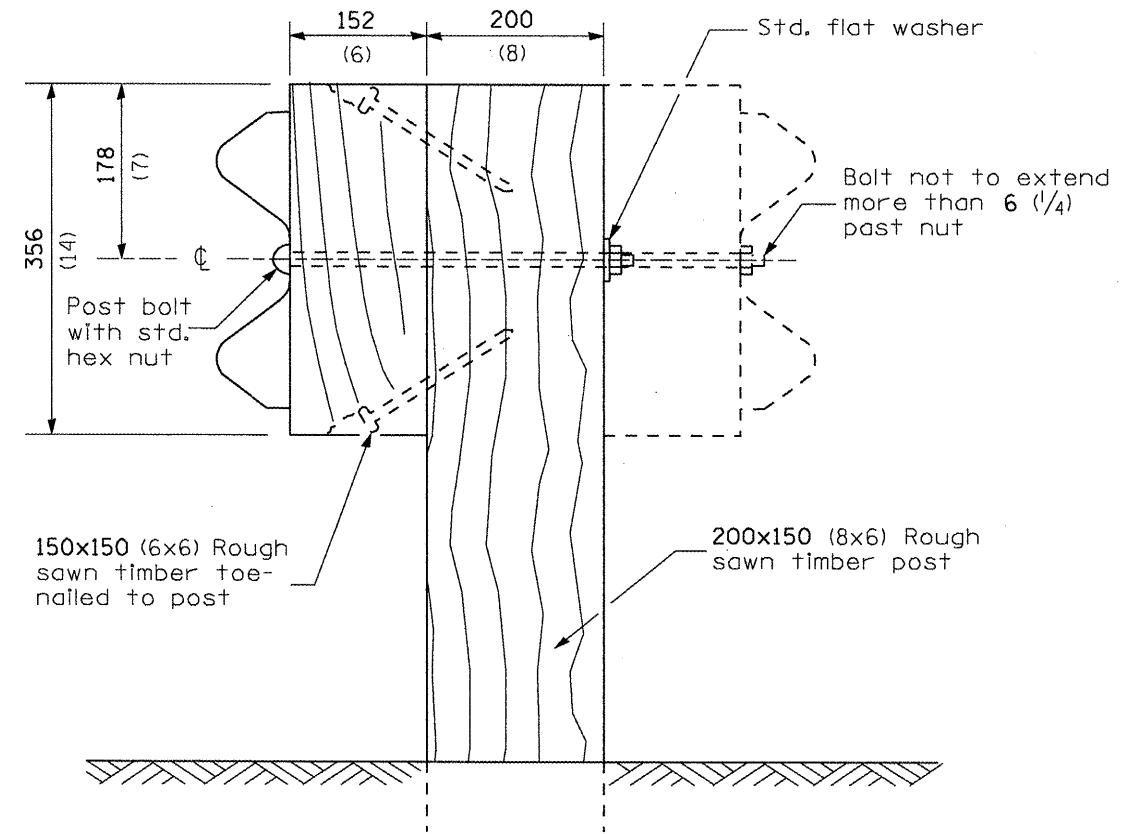
**STEEL PLATE BEAM GUARDRAIL
(SPECIAL) DETAIL**

NOT TO SCALE SHEET NO. 1 OF 4 SHEETS

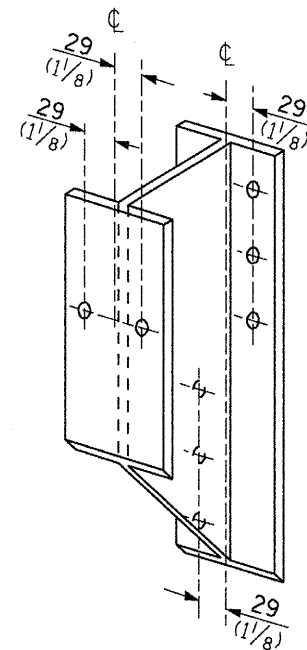
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------|----------|--------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 45 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



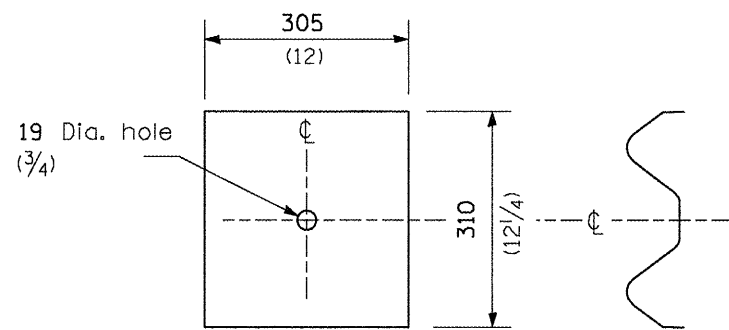
STEEL POST CONSTRUCTION



WOOD POST CONSTRUCTION



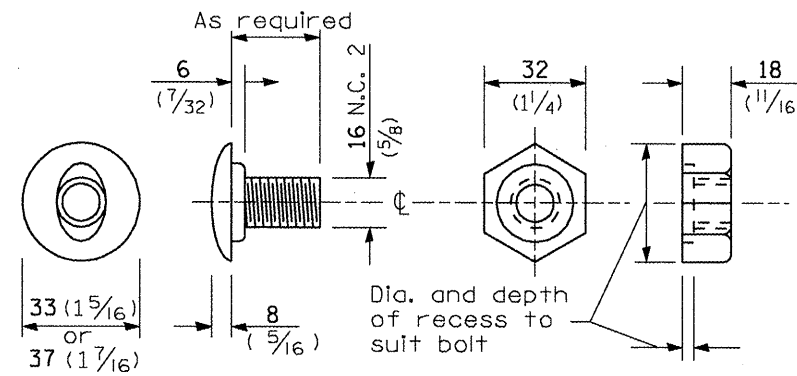
STEEL BLOCK-OUT DETAIL



NOTE

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A



POST OR SPLICE BOLT & NUT

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

| | |
|------------------------------|----------------------|
| FILE NAME = | USER NAME = kilmankk |
| I-74 Morton General File.dgn | |

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

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

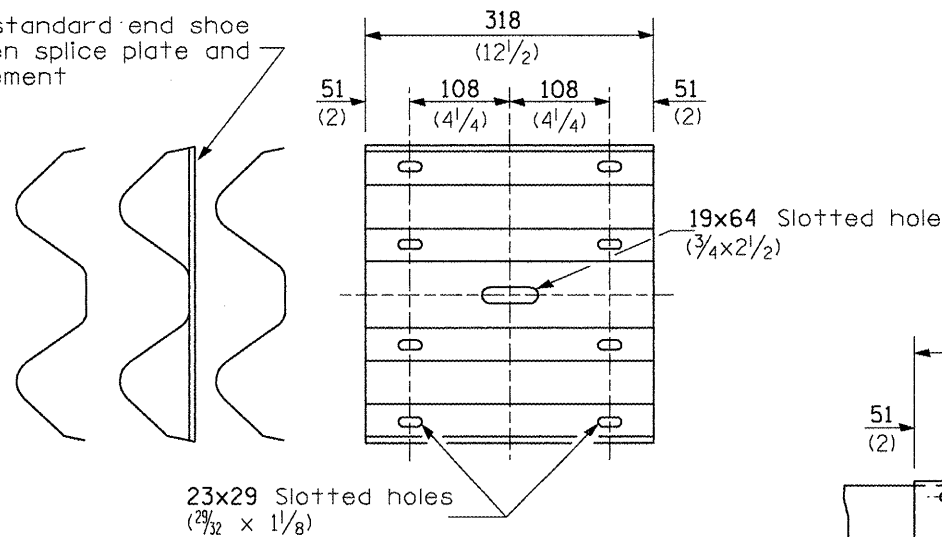
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STEEL PLATE BEAM GUARDRAIL
(SPECIAL) DETAIL**

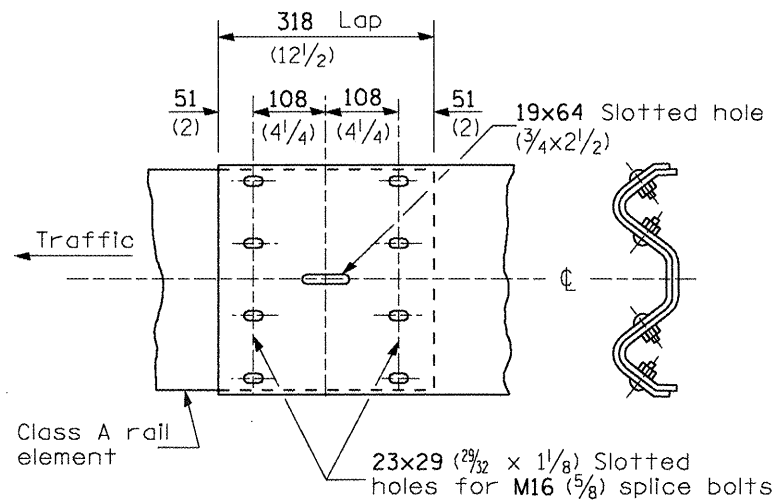
NOT TO SCALE SHEET NO. 2 OF 4 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|----------|--------------|-----------|
| 74 | (90-15IRS-3) | TAZEWELL | 60 | 46 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

Place standard end shoe between splice plate and rail element

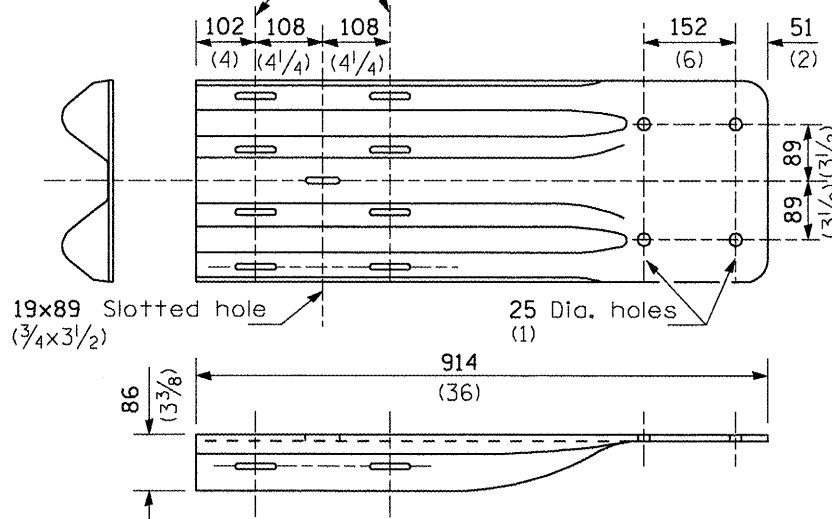


SPLICE PLATE



RAIL ELEMENT SPLICE

23x76 (29/32 x 3) Slots for splice bolts with std. galv. washer placed under locknut



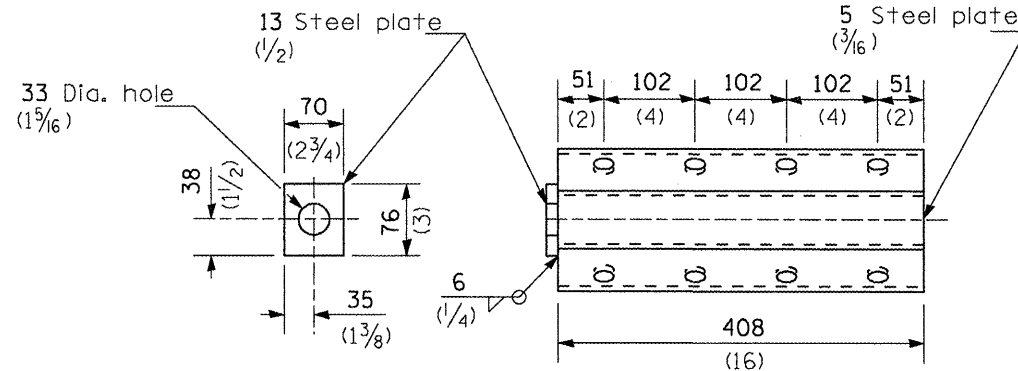
NOTE

When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

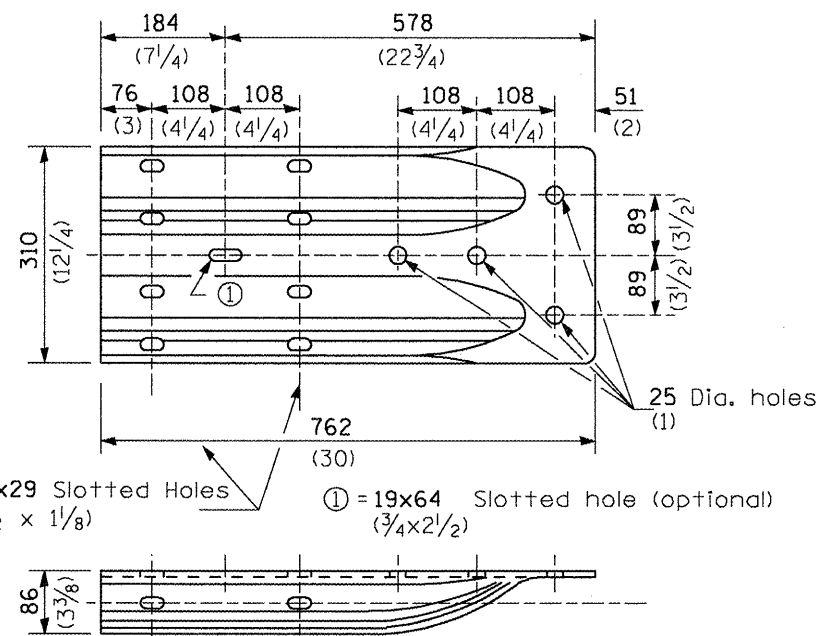
END SHOE



NOTE

Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

ANCHOR PLATE T DETAILS



ALTERNATE END SHOE

FILE NAME = I-74 Morton General File.dgn

USER NAME = k1menkk

DESIGNED -

REVISED -

DRAWN -

REVISED -

CHECKED -

REVISED -

DATE -

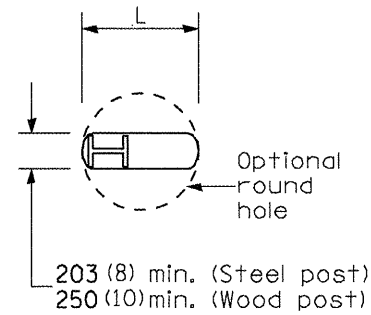
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

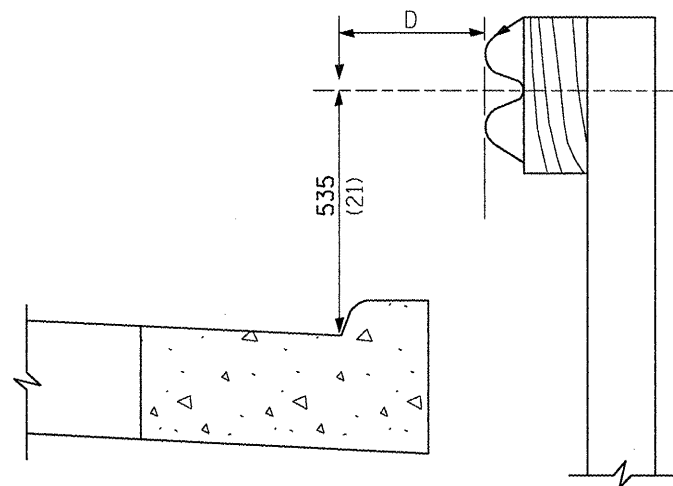
STEEL PLATE BEAM GUARDRAIL
(SPECIAL) DETAIL

NOT TO SCALE SHEET NO. 3 OF 4 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|----------|--------------|-----------|
| 74 | (90-15IRS-3) | TAZEWELL | 60 | 47 |
| CONTRACT NO. 68508 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



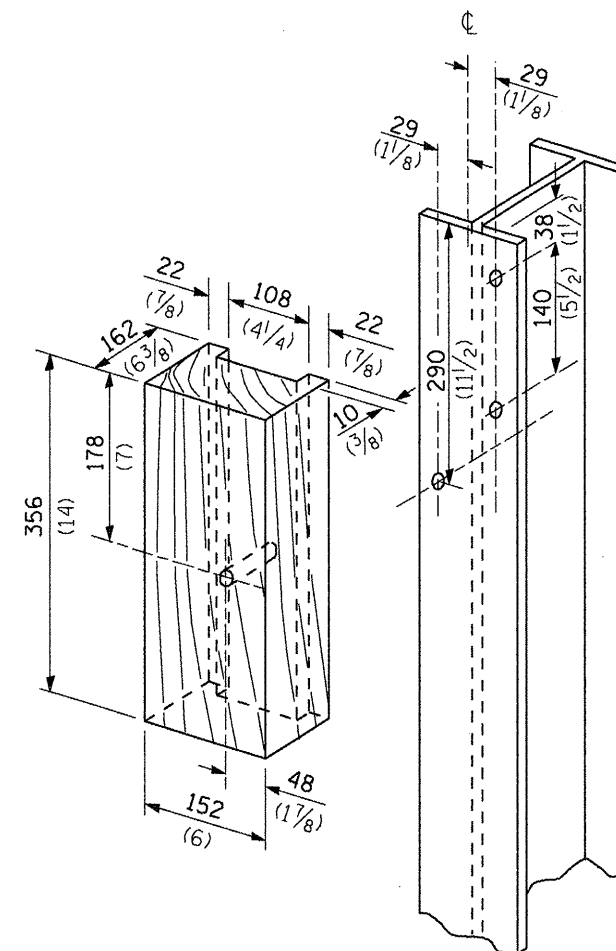
PLAN



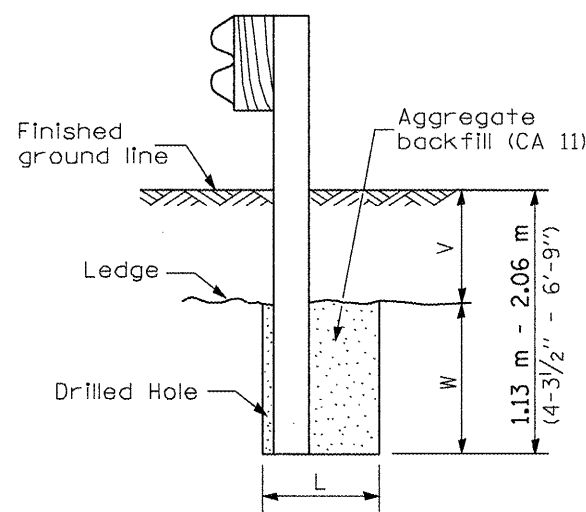
Note:
If it is necessary for D to be more than 300 (12) and less than 3.0 m (10'-0") type M-5 (M-2) curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to 300 (12) maximum)



WOOD BLOCK-OUT AND STEEL POST DETAILS

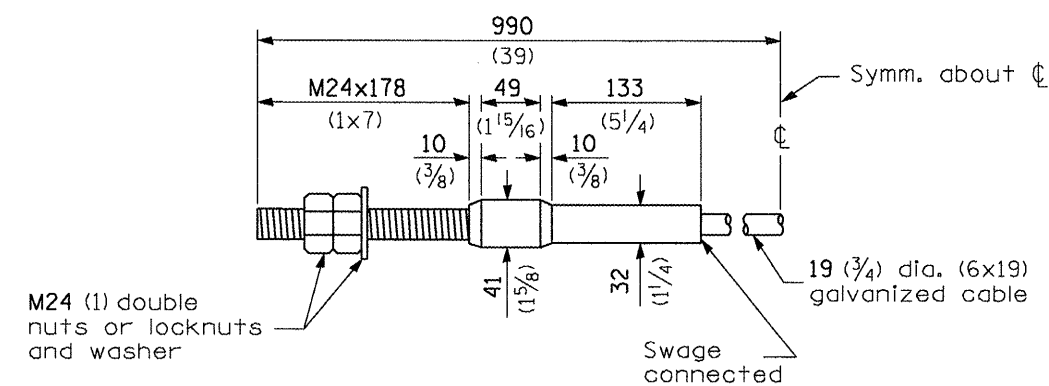


Note:
Ledge line is top of rock ledge or hard slag fill.

ELEVATION

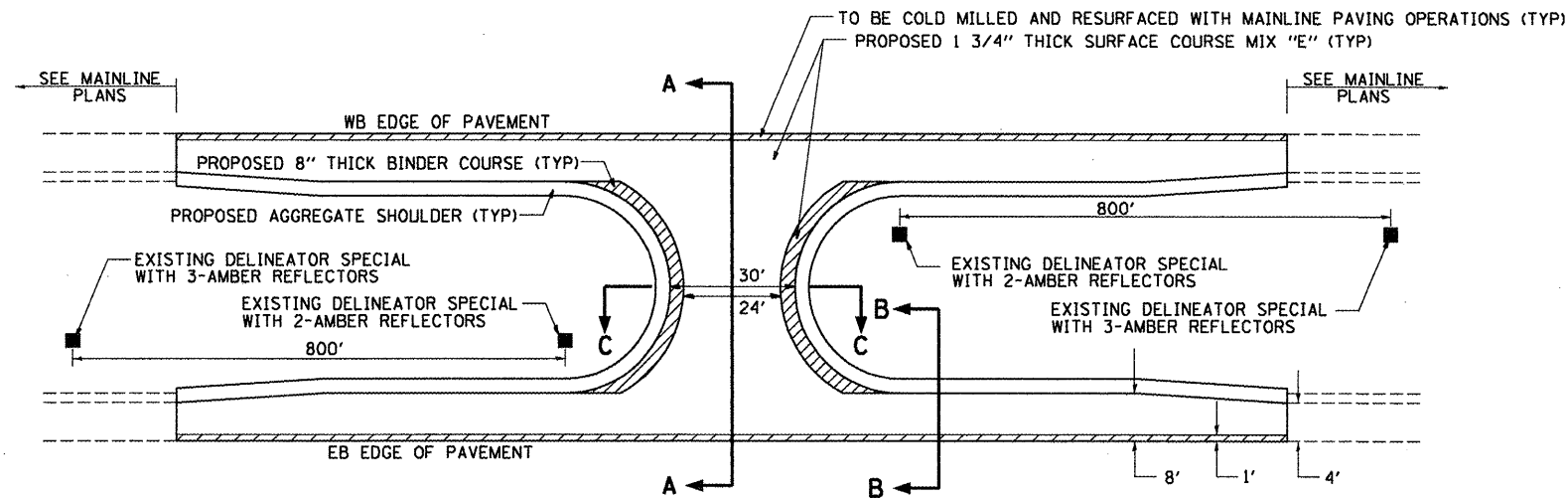
| V | W | L | |
|---------------------------------|---------------------|-------------|-------------|
| | | Steel Post | Wood Post |
| 0 - 460 (0 - 18) | 610 (24) | 530 (21) | 580 (23) |
| >460 - 825 (>18 - 41.5) | 305 (12) | 203 (8) | 250 (10) |
| >825 - 1.13 m (>41.5 - 53.5) | 305 - 0 (12 - 0) | 203 (8) | 250 (10) |

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

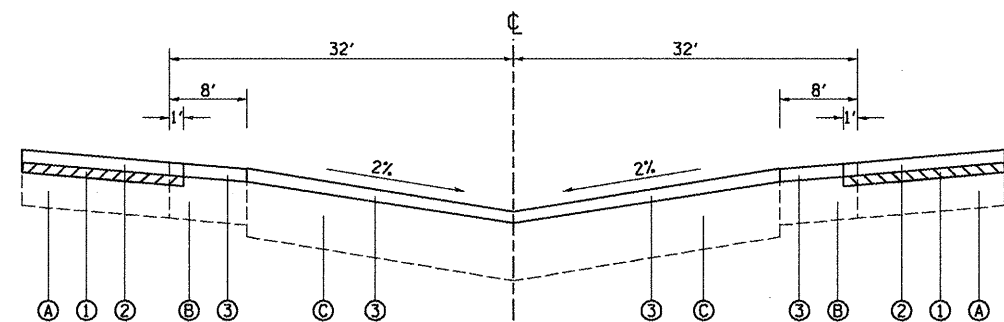


CABLE ASSEMBLY

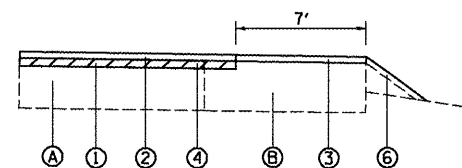
(18,100 kg (40,000 lbs.) min. breaking strength)
Tighten to taut tension.



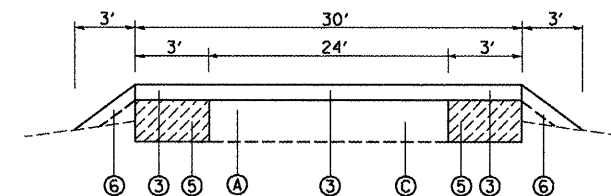
MEDIAN CROSSOVER DETAIL
STA. 675+65 AND STA. 830+93



SECTION A-A



SECTION B-B



SECTION C-C

LEGEND

- (A) EXISTING PAVEMENT
- (B) EXISTING SHOULDER
- (C) EXISTING CROSSOVER
- (1) PROPOSED HMA SURFACE REMOVAL, 2"
- (2) PROPOSED POLY HMA SURFACE COURSE, MIX "E", N90 (1-1/2")
- (3) PROPOSED POLY HMA SURFACE COURSE, MIX "E", N90 (1-3/4")
- (4) PROPOSED POLY HMA BINDER COURSE, IL-19.0, N90 (2-1/4")
- (5) PROPOSED POLY HMA BINDER COURSE, IL-19.0, N90 (8")
- (6) PROPOSED AGGREGATE SHOULDER, TYPE B

NOTES

- 1) REMOVAL OF EXISTING SHOULDERS AND ALL EARTHWORK ARE INCLUDED IN THE COST OF PROPOSED 8" THICK POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
- 2) OMIT RUMBLE STRIPS ON SHOULDERS WITHIN THESE LIMITS

FILE NAME =
I-74 Morton General File.dgn

USER NAME = k1mankk
PLOT SCALE = 1/20000 ' / IN.
PLOT DATE = 2/11/2009

DESIGNED -
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CHECKED -
DATE -

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REVISED -

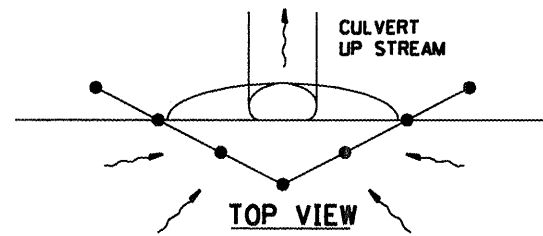
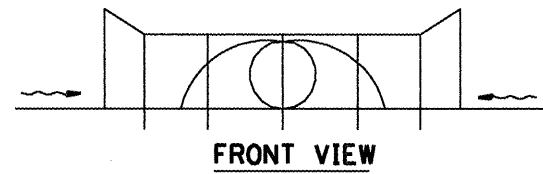
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN CROSSOVER DETAIL
STA. 675+65 AND STA. 830+93

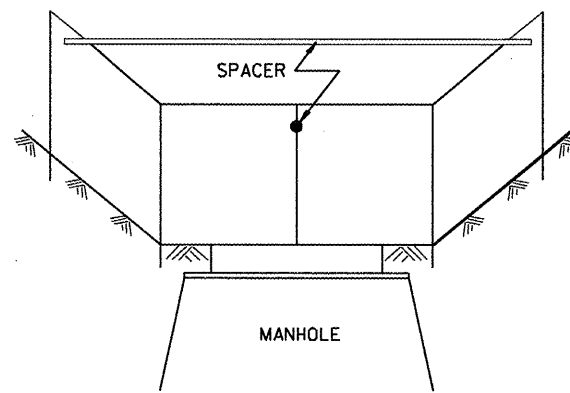
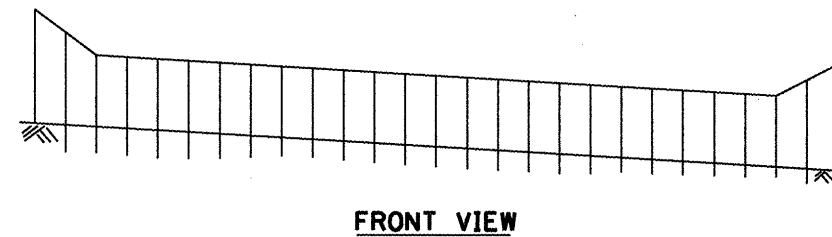
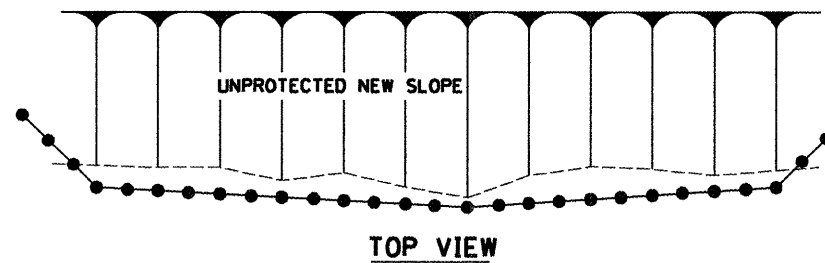
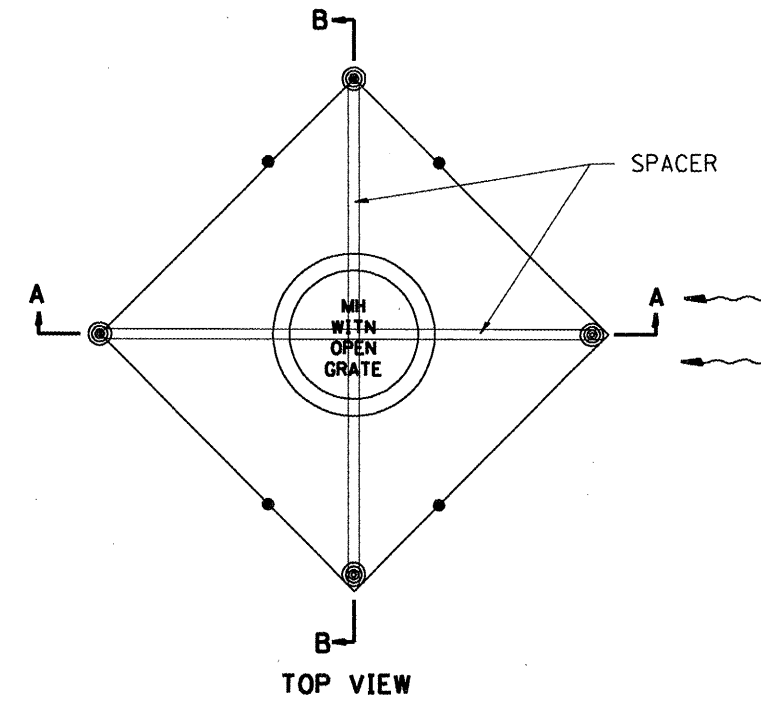
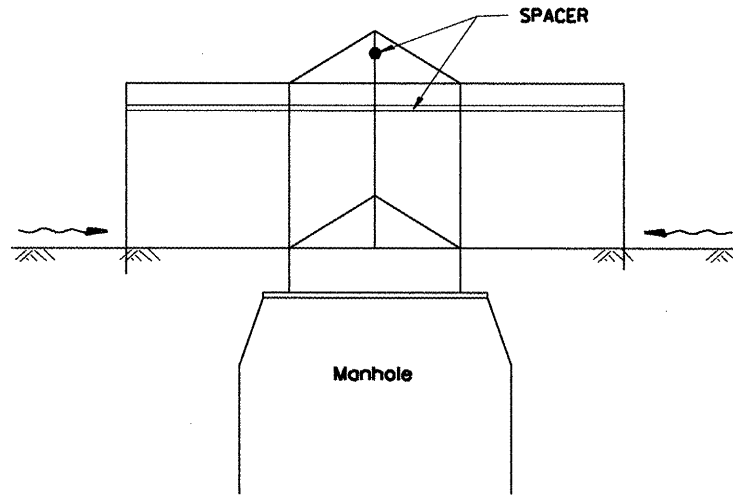
NOT TO SCALE SHEET NO. 1 OF 1 SHEETS STA. 675+65 AND STA. 830+93

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------------|----------|---------------------------|-----------|
| 74 | (90-151RS-3) | TAZEWELL | 60 | 49 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |
| CONTRACT NO. 68508 | | | | |

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------|------------------|--------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 50 |
| ILLINOIS | | FED. AID PROJECT | | |



UPSTREAM PIPE CULVERT EROSION CONTROL



EROSION CONTROL AT OPEN GRATE MAN HOLE

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

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

| | |
|--|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| SPECIAL DETAIL SHEET | |
| TYPICAL APPLICATION OF SILT FILTER FENCE | |
| CADD DETAIL 280001-D4 | DRAWN BY CADD |
| SCALE: NOT DRAWN TO SCALE | CHECKED BY |

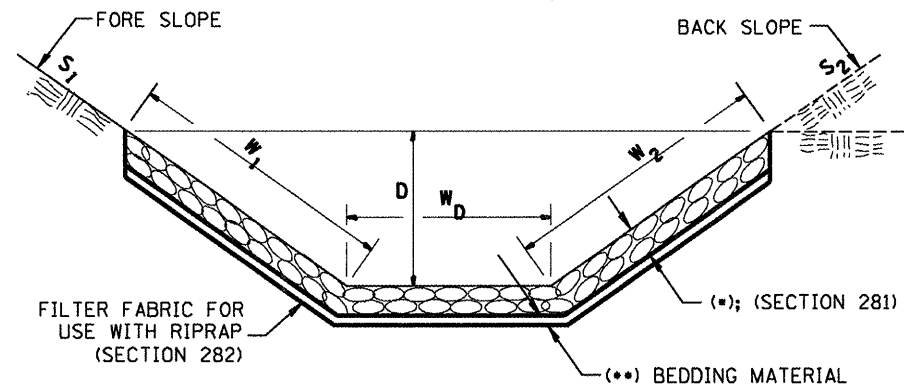
| DATE | REVISIONS | BY |
|---------|-----------------------------------|--------|
| 1-1-97 | RENUM. A-12.05, NEW REVISION BOX | T.P. |
| 3-11-03 | ELIMINATED SILT FENCE DITCH CHECK | M.M.A. |
| | | |
| | | |
| | | |

280001-D4

| | | |
|------------------------------|------------|-----------|
| USER NAME = k1manikk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

Designer NOTES:
 1. Designer to modify this Special Detail Sheet, as needed for inclusion in plans.
 2. (*) Designer to specify pay item including material, quality, and gradation.
 3. (**) Designer to specify thickness of bedding material.
 4. Include District Special Provision if needed.

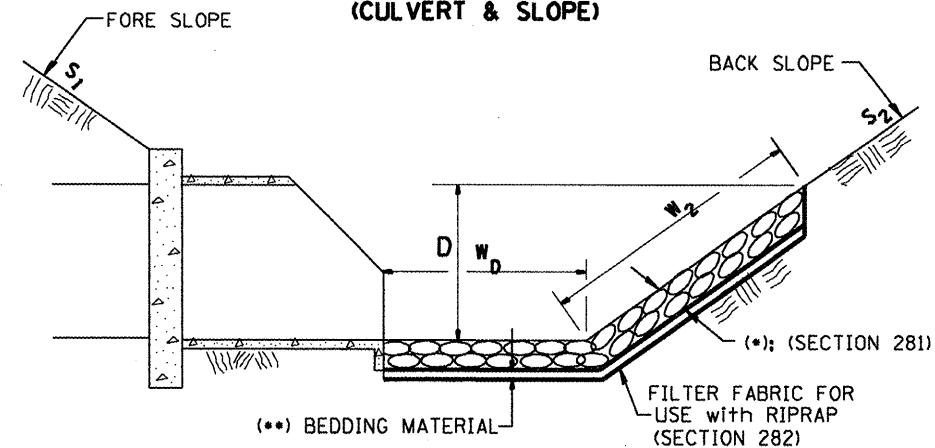
**CASE 1
(DITCH)**



| (*) | | | | |
|--------------|---------------|---------------|------------------|-----------------------------|
| LOCATION | WIDTH (1) | LENGTH | RIPRAP | FABRIC |
| STA TO STA | lin ft (m) | lin ft (m) | tons (m tons) | sq yds (m ²) |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

(1) WIDTH = $W_1 + W_2 + W_D$

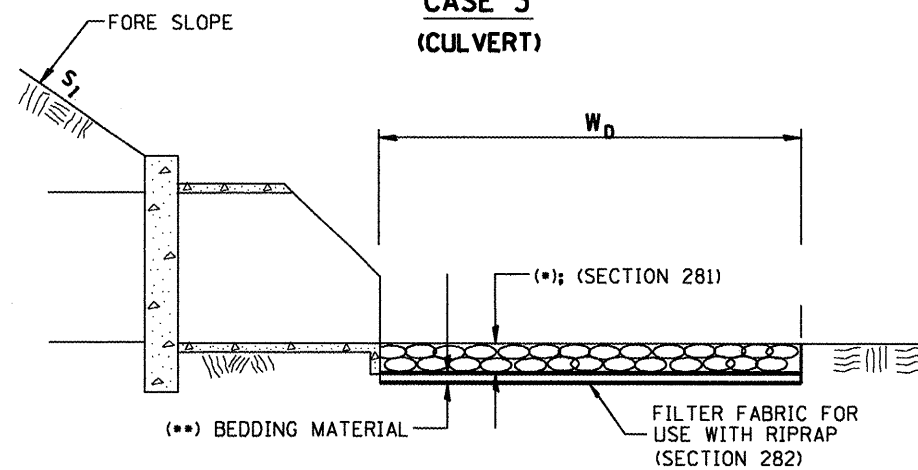
**CASE 2
(CULVERT & SLOPE)**



| (*) | | | | |
|--------------|---------------|---------------|------------------|-----------------------------|
| LOCATION | WIDTH (1) | LENGTH | RIPRAP | FABRIC |
| STA TO STA | lin ft (m) | lin ft (m) | tons (m tons) | sq yds (m ²) |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

(1) WIDTH = $W_2 + W_D$

**CASE 3
(CULVERT)**



| (*) | | | | |
|--------------|---------------|---------------|------------------|-----------------------------|
| LOCATION | WIDTH (1) | LENGTH | RIPRAP | FABRIC |
| STA TO STA | lin ft (m) | lin ft (m) | tons (m tons) | sq yds (m ²) |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

(1) WIDTH = W_D

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 All dimensions are in inches (millimeters) unless otherwise noted.

| | | |
|----------|------------------------------------|------|
| 1-1-97 | RENUM. A-12.02, NEW REVISION BOX | T.P. |
| 12-1-97 | CORRECT FILTER FABRIC LEADER ARROW | J.A. |
| 10-16-06 | REVISED TO 2007 SPEC. | M.A. |

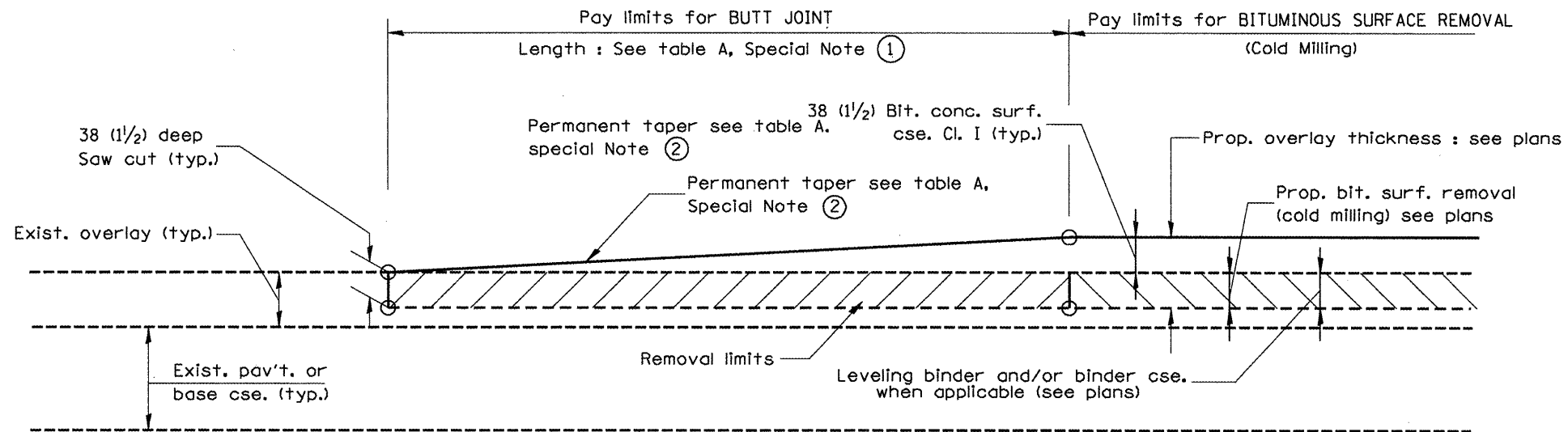
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RIPRAP DITCH FOR EROSION PROTECTION

NOT TO SCALE

CADD STD. 281001-D4

| | | | | |
|---------------------|---------|--------|---------------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | 60 | 51 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |
| CONTRACT NO. | | | | |



CASE 1 : WITH BITUMINOUS SURFACE REMOVAL (COLD MILLING)

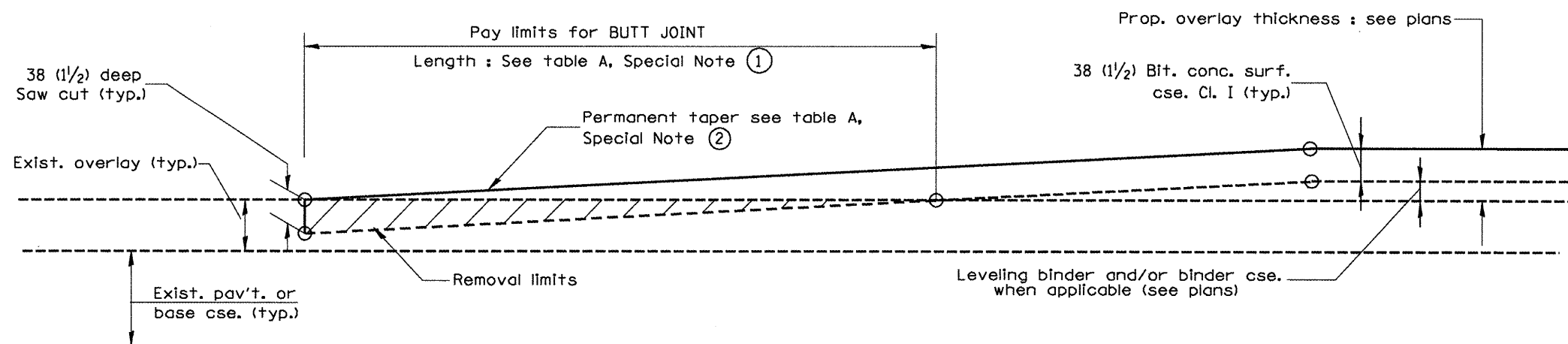
TABLE A

(LENGTHS AND TAPER RATES)

| SPECIAL NOTE NUMBER | ELEMENT | MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS | ALL OTHERS |
|---------------------|---------------------------|---|------------|
| ① | LENGTH OF BUTT JOINT | 18.0 m(60') | 9.0 m(30') |
| ② | PERMANENT TAPER RATE | 1:480 | 1:240 |
| ③ | TEMPORARY RAMP TAPER RATE | 1:80 | 1:40 |
| ④ | TEMPORARY RAMP LENGTH | 3.0 m(10') | 1.5 m(5') |
| ⑤ | LENGTH OF BUTT JOINT | 3.0 m(10') | 3.0 m(10') |

GENERAL NOTES

1. The work shall be done in accordance with Article 406.18 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 440.03 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 406.06.



CASE 2 : NO BITUMINOUS SURFACE REMOVAL (COLD MILLING)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
BUTT JOINTS
 CADD STD NO. 406101-D4 SHEET 1 OF 3
 SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
 DATE **DATE** CHECKED BY

| DATE | REVISIONS | BY |
|---------|----------------------------------|--------|
| 1-1-97 | RENUM. C-23.01, NEW REVISION BOX | T.P. |
| 4-1-97 | CORRECTION TO DEPTH | J.A. |
| 9-15-05 | REVISED DESIGNER NOTE | M.M.A. |
| | | |
| | | |

406101-D4 (1)

FILE NAME = I-74 Morton General File.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = kilmanck | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

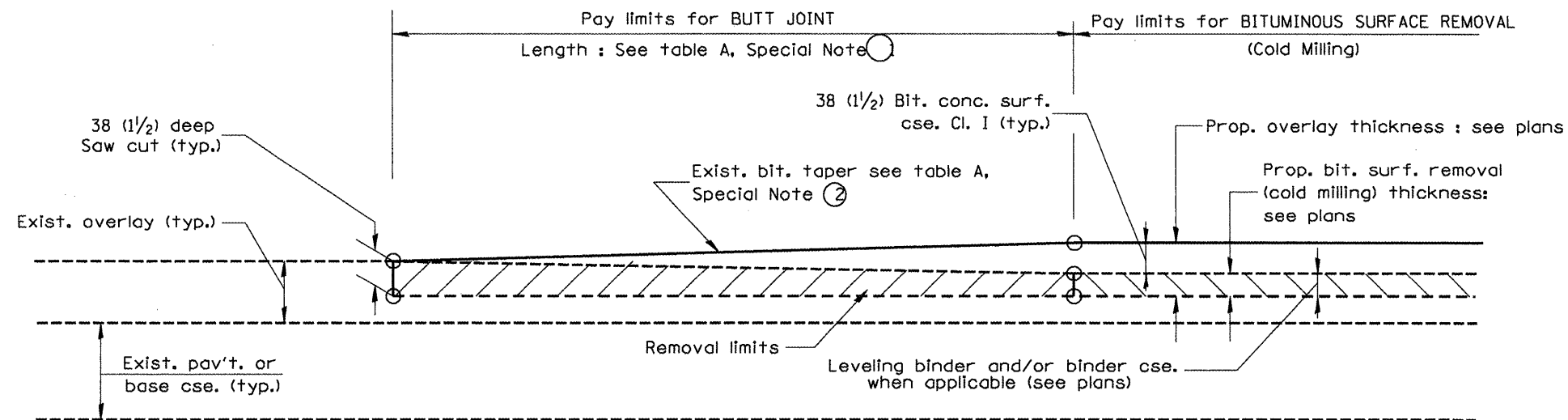
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT CADD STANDARDS

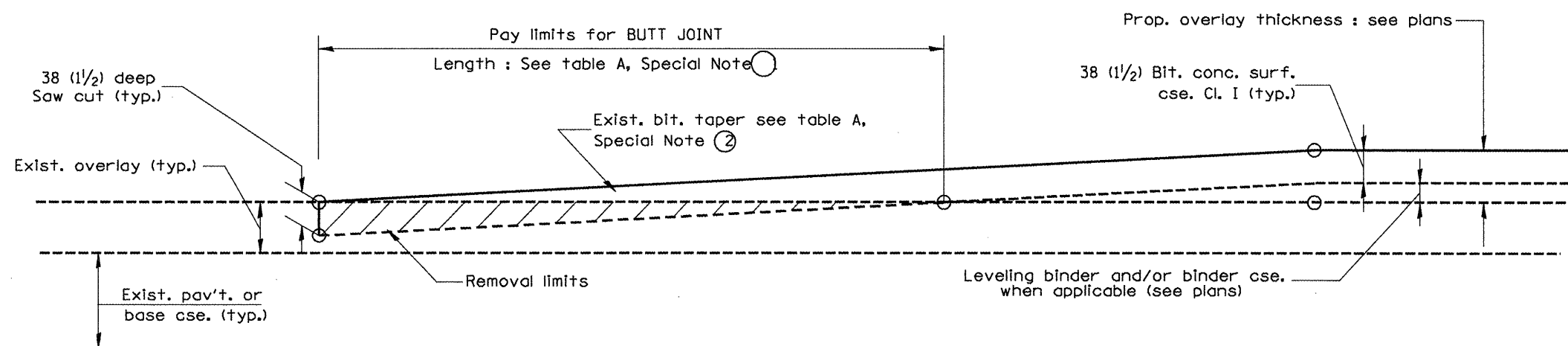
NOT TO SCALE SHEET NO. 6 OF 11 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------|----------|--------------|-----------|
| 74 | 190-151RS-3 | TAZEWELL | 60 | 53 |

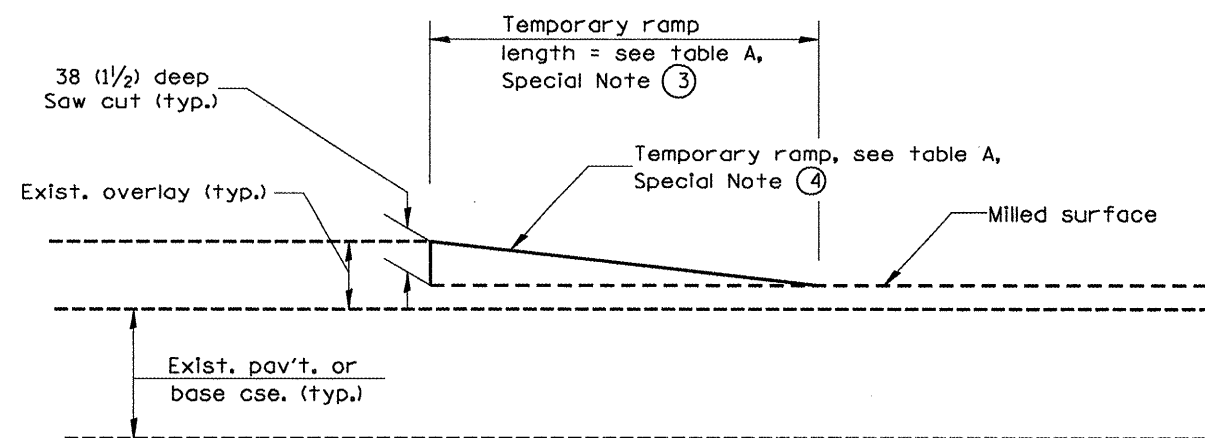
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT



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



**CASE 4 : NO BITUMINOUS SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



DETAIL TEMPORARY RAMP

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
BUTT JOINTS
 CADD STD NO. 406101-D4 SHEET 2 OF 3
 SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
 CHECKED BY

406101-D4 (2)

FILE NAME = I-74 Morton General File.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = k1menkk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT CADD STANDARDS

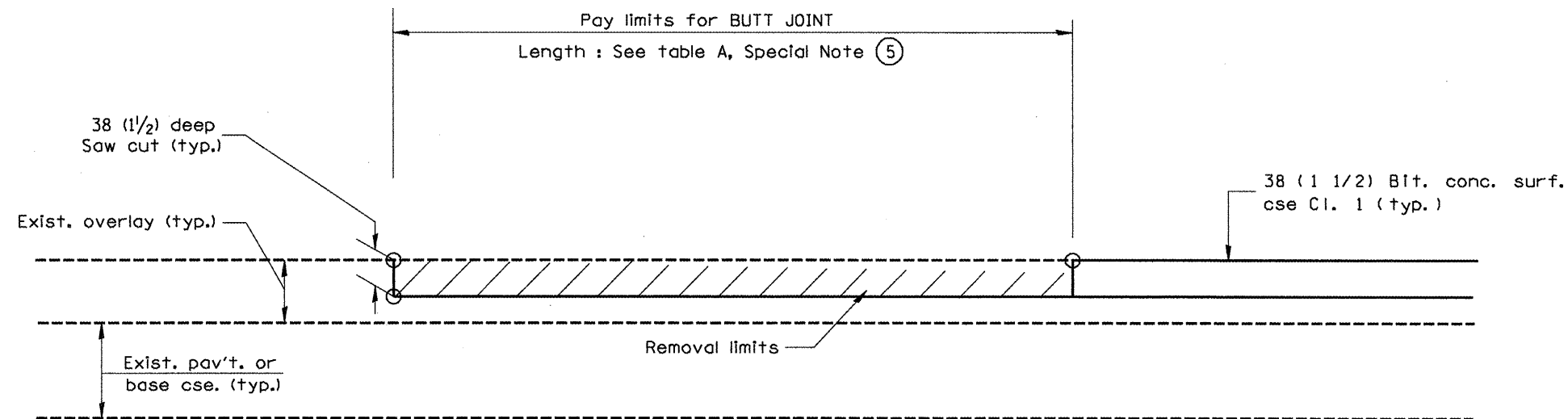
NOT TO SCALE SHEET NO. 7 OF 11 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------|----------|--------------|-----------|
| 74 | 190-151RS-3 | TAZEWELL | 60 | 53 |

CONTRACT NO. 68508

ILLINOIS FED. AID PROJECT

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-------------|----------|------------------|-----------|
| 74 | (90-15IRS-3 | TAZEWELL | 60 | 54 |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



**CASE 5 : WITH BITUMINOUS SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

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

| | |
|---------------------------------------|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| BUTT JOINTS | |
| CADD STD NO. 406101-D4 | SHEET 3 OF 3 |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| CHECKED BY | |

406101-D4 (3)

FILE NAME = I-74 Morton General File.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = k11mknkk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

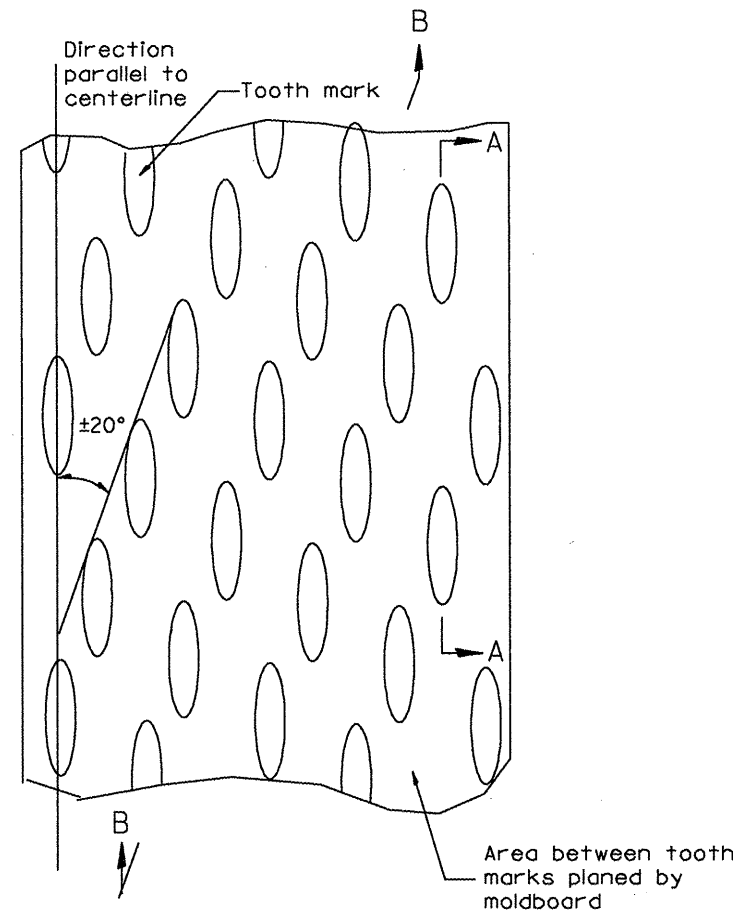
DISTRICT CADD STANDARDS

NOT TO SCALE SHEET NO. 8 OF 11 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-------------|----------|------------------|-----------|
| 74 | (90-15IRS-3 | TAZEWELL | 60 | 54 |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |

CONTRACT NO. 68508

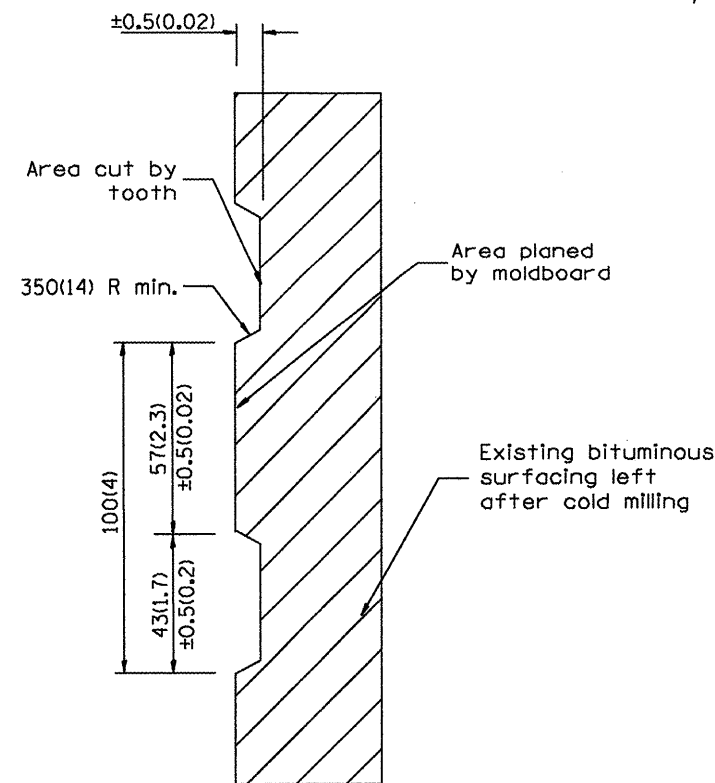
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-------------|----------|------------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 55 |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



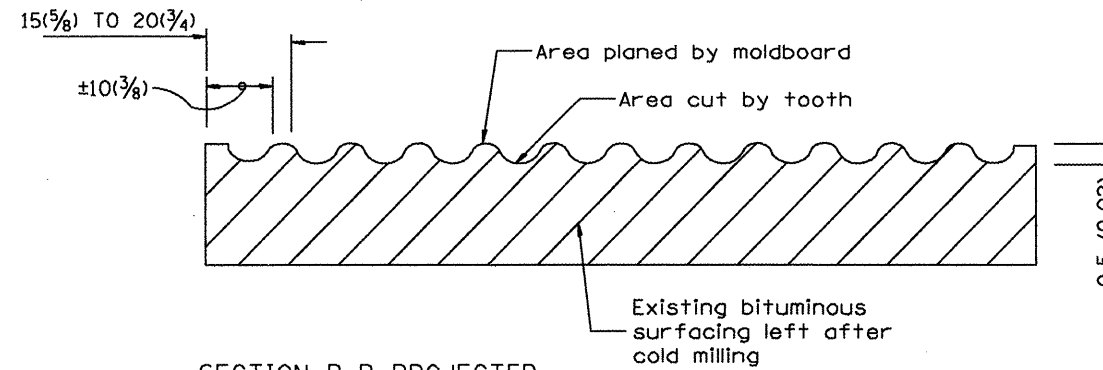
PLAN

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 millimeters (inches) unless otherwise noted.

| | |
|---|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| BITUMINOUS SURFACE REMOVAL (COLD MILLING) | |
| CADD STD NO. 440001-D4 | |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| DATE **DATE** | CHECKED BY |

| DATE | REVISIONS | BY |
|---------|-----------------------------------|-------|
| 1- 1-97 | RENUM. C-104.01, NEW REVISION BOX | T. P. |
| 4-20-98 | REMOVED MILLING DETAIL FROM STD. | J. A. |
| 9-08-98 | CORRECT NOTE LEADER PLACEMENT | R. W. |
| | | |
| | | |

440001-D4

| | |
|------------------------------|----------------------|
| FILE NAME = | USER NAME = kilmanck |
| I-74 Morton General File.dgn | DESIGNED - |
| | DRAWN - |
| | CHECKED - |
| | DATE - |

| | |
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| PLOT SCALE = 100.0000 / IN. | DESIGNED - |
| PLOT DATE = 2/11/2009 | DRAWN - |
| | CHECKED - |
| | DATE - |

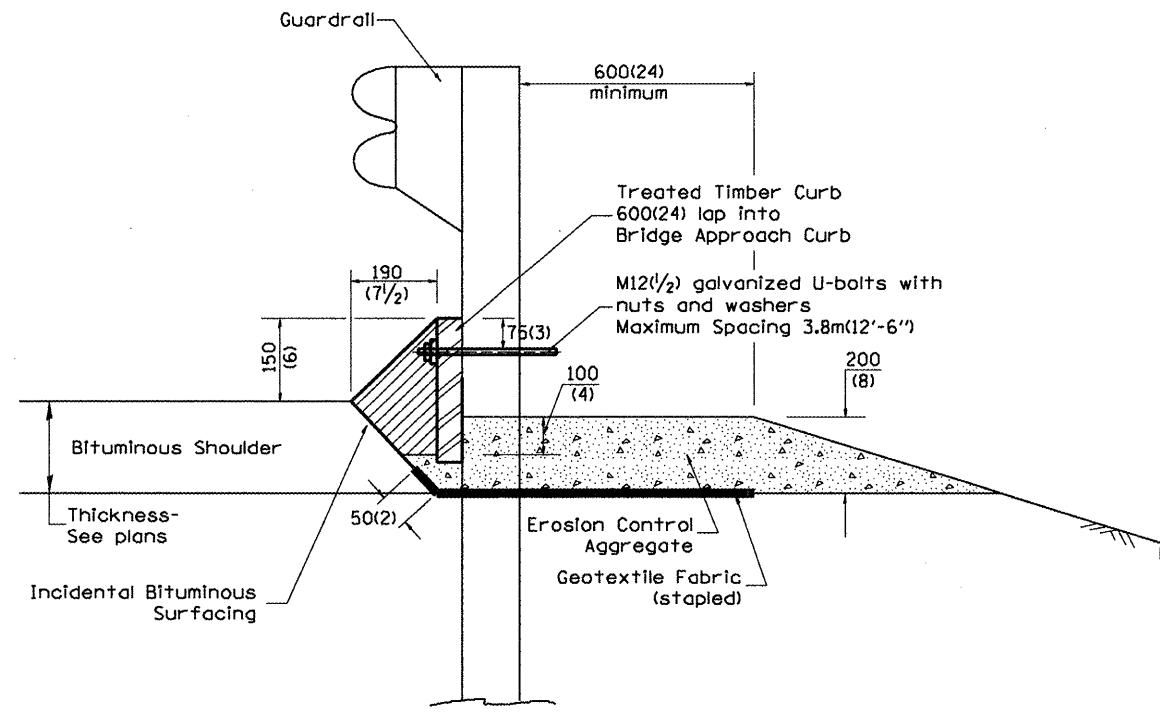
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| REVISD - |
| REVISD - |
| REVISD - |
| REVISD - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

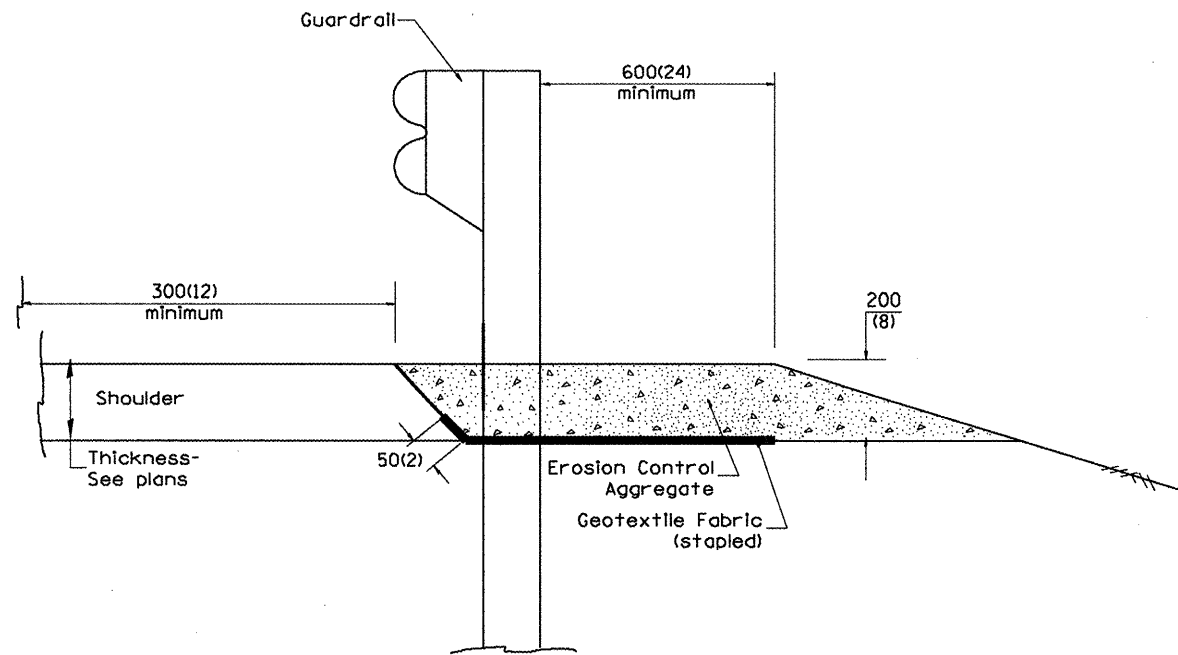
DISTRICT CADD STANDARDS
NOT TO SCALE SHEET NO. 9 OF 11 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-------------|----------|------------------|-----------|
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 55 |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |

| | | | | |
|-----------------------|-------------|----------|------------------|-----------|
| CONTRACT NO. 68508 | | | | |
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 56 |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: EROSION CONTROL CURB

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.
2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asa" and "cca" shall have a minimum retention of 6.4 kg/m³ (0.40 lbs./cu. ft.)

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 300(12) 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 millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

GUARDRAIL EROSION CONTROL TREATMENTS

| DATE | REVISIONS | BY |
|---------|-------------------------------------|------|
| 1-1-97 | RENUM. C-22.01, NEW REVISION BOX | T.P. |
| 3-1-97 | CORRECT STD. NUMBERS IN NOTES PG. 2 | J.A. |
| 11-3-00 | CORRECTION TO NOTES | M.A. |
| | | |
| | | |
| | | |

CADD STD NO. 630101-D4(1) SHEET 1 OF 2
DRAWN BY CADD
SCALE: NOT DRAWN TO SCALE CHECKED BY

630101-D4(1)

FILE NAME = 1-74 Morton General File.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = k1mankk | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / IN. | DRAWN - | REVISED - |
| PLOT DATE = 2/11/2009 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

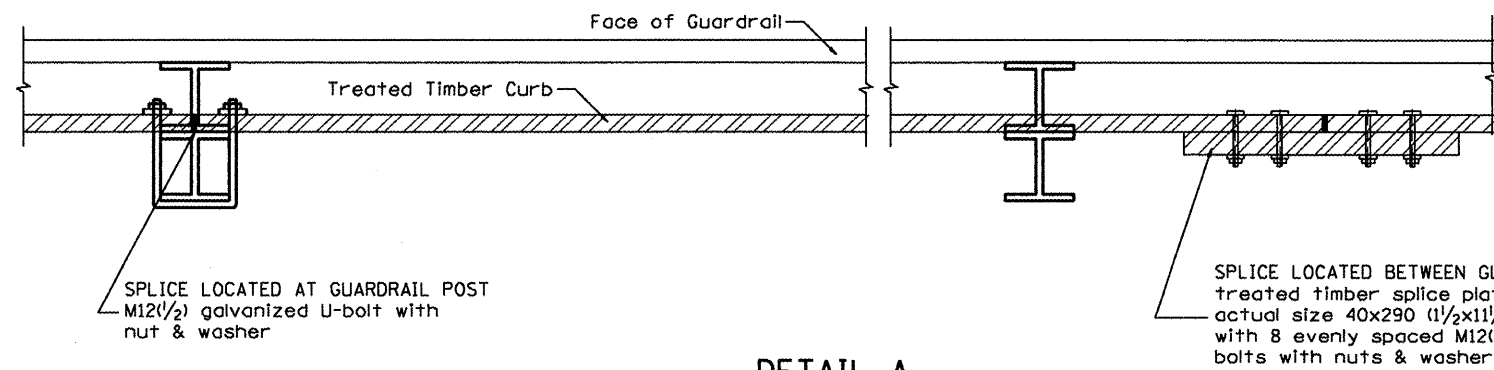
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT CADD STANDARDS

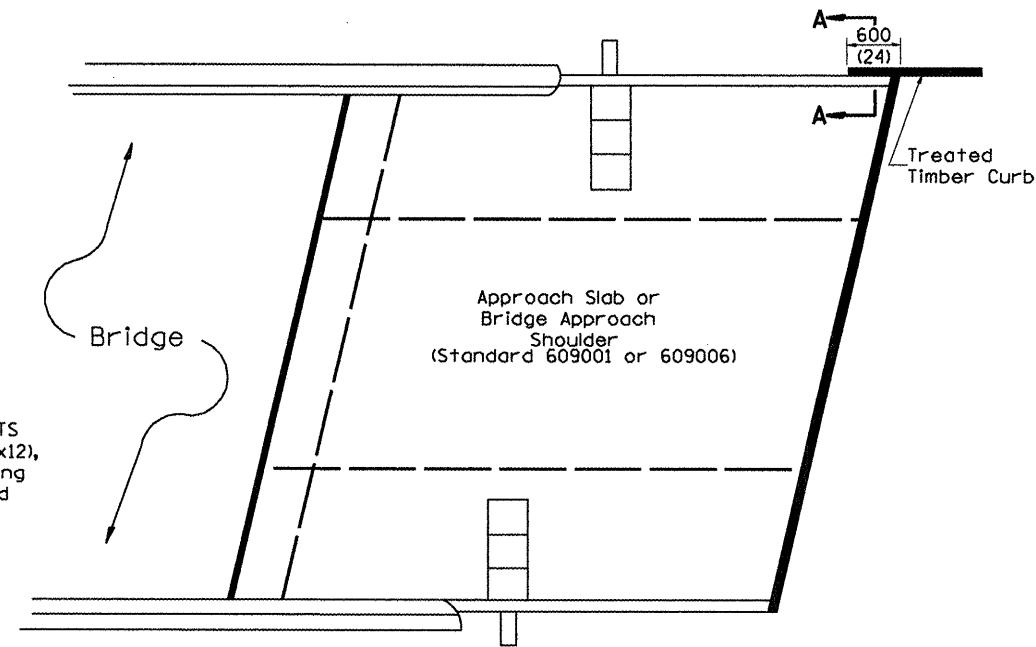
NOT TO SCALE SHEET NO. 10 OF 31 SHEETS

| | | | | |
|-----------------------|-------------|----------|------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | (90-15)RS-3 | TAZEWELL | 60 | 56 |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |

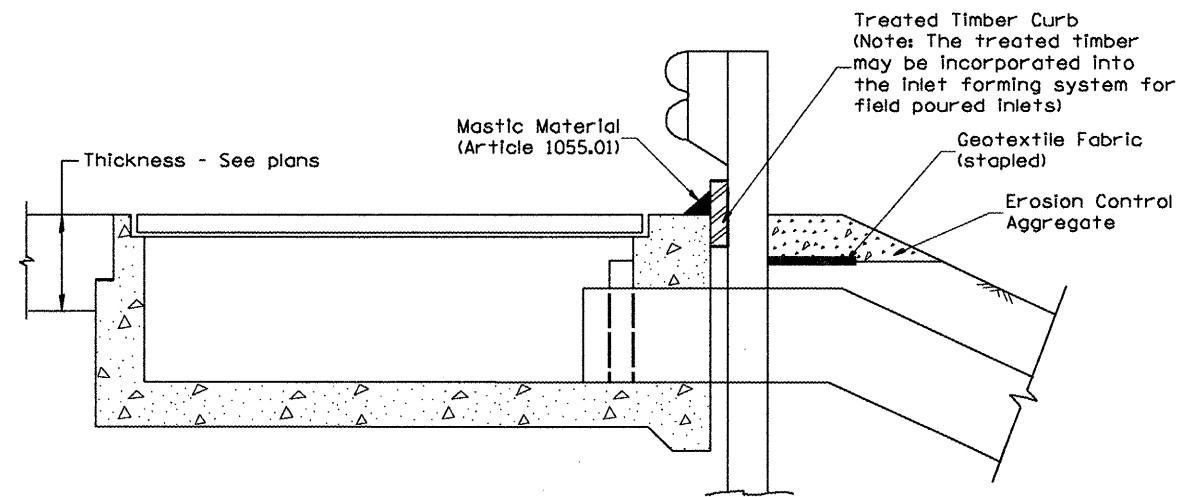
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-------------|----------|------------------|-----------|
| 74 | (90-15IRS-3 | TAZEWELL | 60 | 57 |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



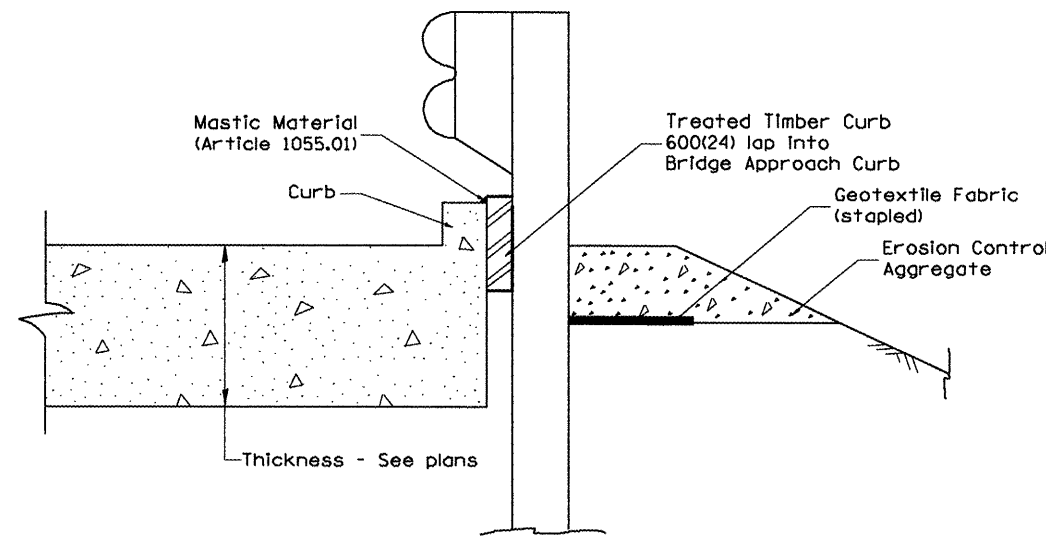
DETAIL A
(Typical Treated Timber Splices)



PLAN VIEW
APPROACH SLAB OR BRIDGE APPROACH SHOULDER
(STANDARD 609001 or 609006)



TYPICAL SECTION WITH EROSION CONTROL CURB
AT INLETS TYPE E & F (STANDARD 610001)



SECTION A-A
TYPICAL SECTION WITH EROSION CONTROL CURB
AT BRIDGE APPROACH CURB
(STANDARD 609001 OR 609006)

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

| | | | |
|---------------------------------------|--|---------------|--|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | | | |
| DISTRICT CADD STANDARD | | | |
| GUARDRAIL EROSION CONTROL TREATMENTS | | | |
| CADD STD NO. 630101-D4(2) | | SHEET 2 OF 2 | |
| SCALE: NOT DRAWN TO SCALE | | DRAWN BY CADD | |
| | | CHECKED BY | |

630101-D4(2)

| | |
|------------------------------|----------------------|
| FILE NAME = | USER NAME = kilmanck |
| I-74 Morton General File.dgn | |
| PLOT SCALE = 100.0000' / IN. | |
| PLOT DATE = 2/11/2009 | |

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

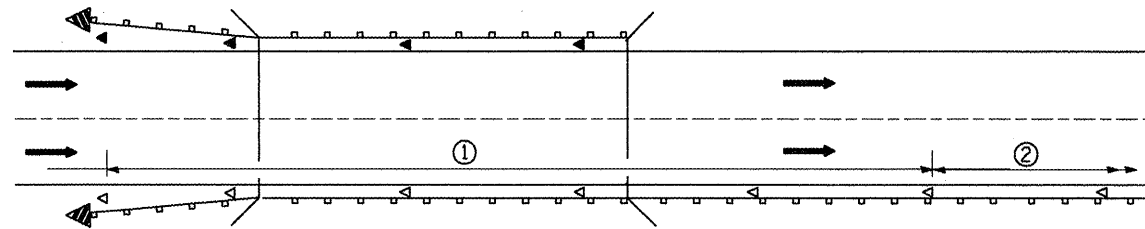
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT CADD STANDARDS

NOT TO SCALE SHEET NO. 11 OF 11 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-------------|--------------------|--------------|-----------|
| 74 | (90-15IRS-3 | TAZEWELL | 60 | 57 |
| | | CONTRACT NO. 68508 | | |
| ILLINOIS FED. AID PROJECT | | | | |

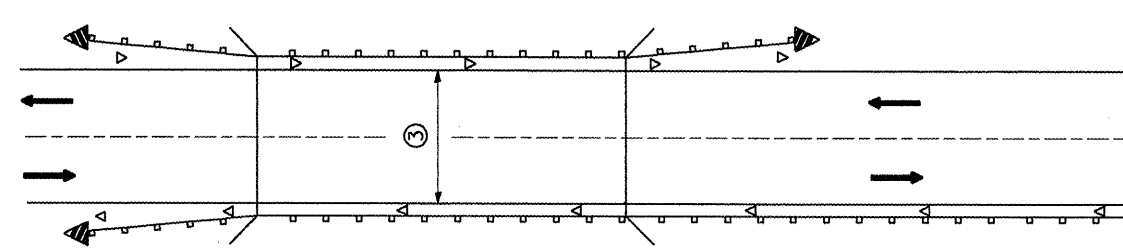
DESIGNER NOTES:
 1. INCLUDE APPROPRIATE SPECIAL PROVISIONS FOR "GUARD RAIL DELINEATION POLICY: 1. TERMINAL MARKER, 2. TERMINAL MARK POST, AND 3. GUARDRAIL AND BARRIER WALL MARKERS."
 FROM INTERIM SPECIAL PROVISIONS 94-74: "GUARDRAIL AND BARRIER WALL DELINEATION."
 2. IF POST MOUNT TERMINAL MARKER IS USED, INCLUDE STATE STD. 720011.



① Spacing 80 ft. (24 m) max. for first 400 ft. (122 m) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).

② After 400 ft. (122 m), transition to normal delineator spacing shown in Standard 635001, and continue as required.

ONE-WAY TRAFFIC



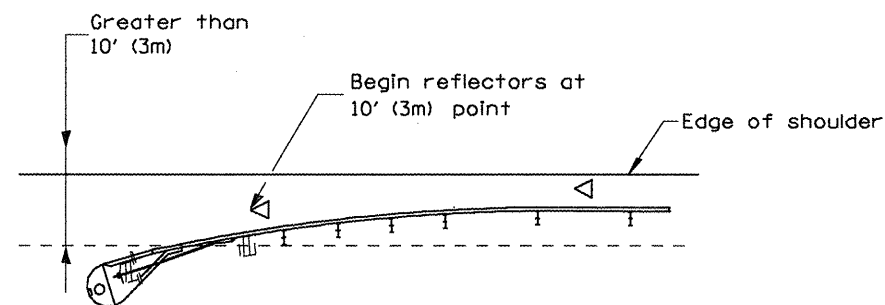
③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24 (610) wider than the pavement approaching the bridge.

TWO-WAY TRAFFIC

GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS

LEGEND

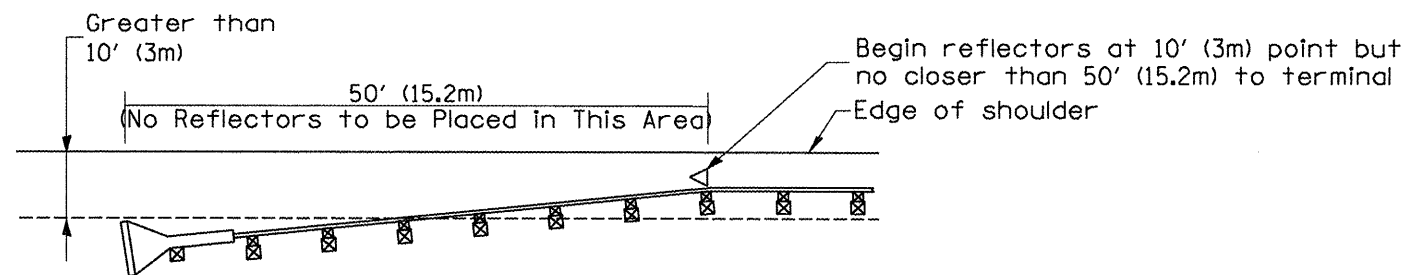
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ▴ Terminal Marker - Black/Yellow
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 10' (3m) from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

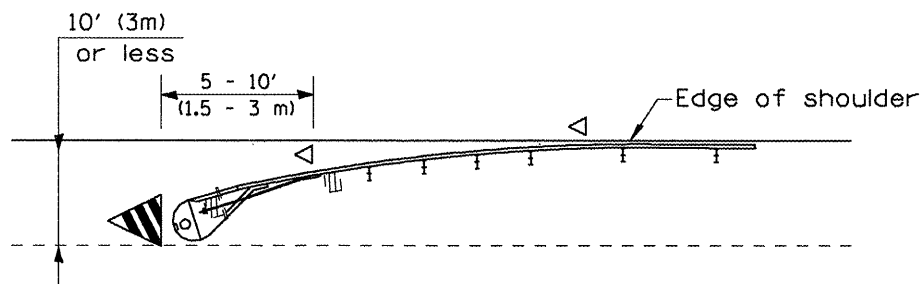
[Terminal over 10' (3m) from edge of shoulder]
•See Plans for Type



NOTE: Omit terminal marker when terminal over (10') from edge of paved shoulder or break point of unpaved shoulder.

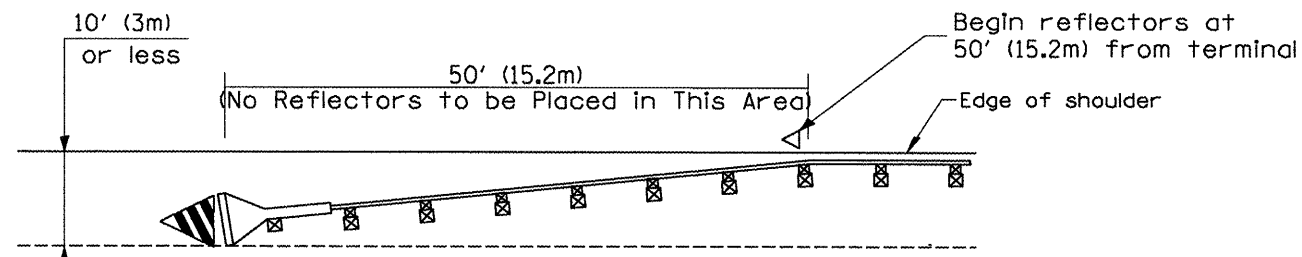
Traffic Barrier Terminal Type 1 (Special)

[Terminal over 10' (3m) from edge of shoulder]



Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 10' (3m) or less from edge of shoulder]
•See Plans for Type



Traffic Barrier Terminal Type 1(Special)

[Terminal 10' (3m) or less from edge of shoulder]

TERMINAL MARKER PLACEMENT

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

| | | | | | | | | | | | | | | | | | | | |
|----------|----------------------------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 01-01-97 | RENUM. E-10.02, NEW REVISION BOX | T.P. | | | | | | | | | | | | | | | | | |
| 03-01-97 | CORRECT STD. SPEC. # | J.A. | | | | | | | | | | | | | | | | | |
| 10-16-06 | REVISED TO 2007 SPEC. | M.A. | | | | | | | | | | | | | | | | | |

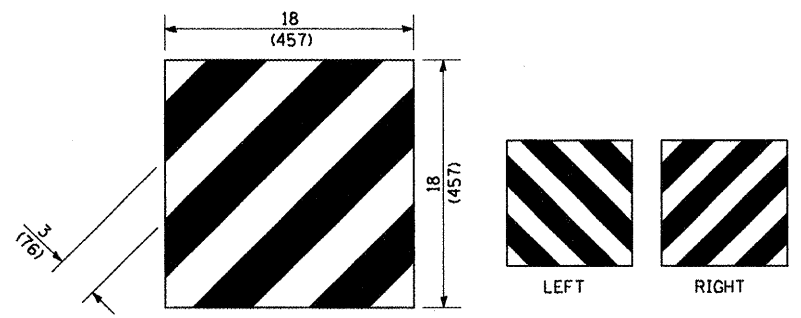
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

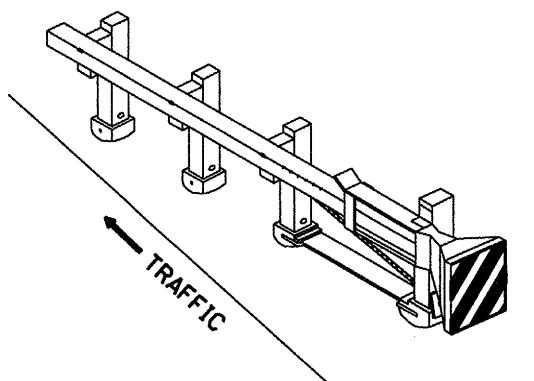
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 635101-04

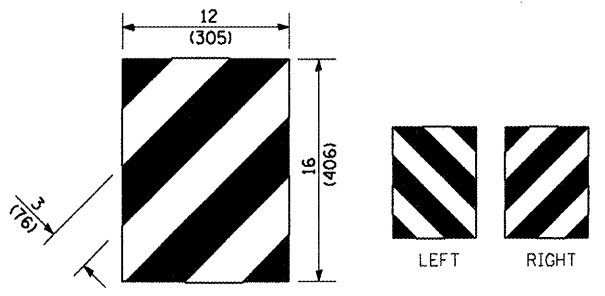
| | | | | |
|---------------------|---------|--------|---------------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | 60 | 58 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |
| | | | CONTRACT NO. | |



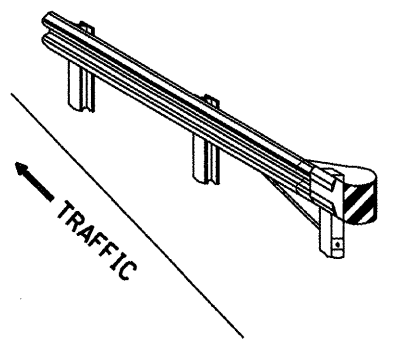
For Traffic Barrier Terminal Type 1 (Special)



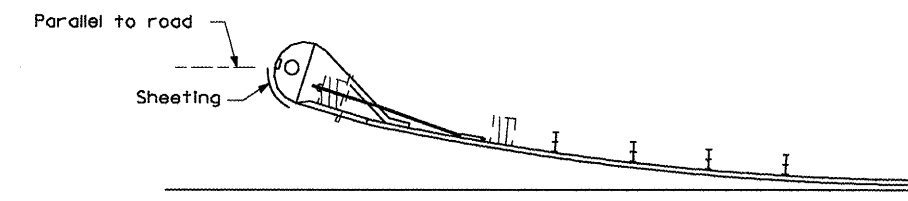
**Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type 1 (Special)**



**For Traffic Barrier Terminal Type (*)
and Post Mount
• See Plans for Type**



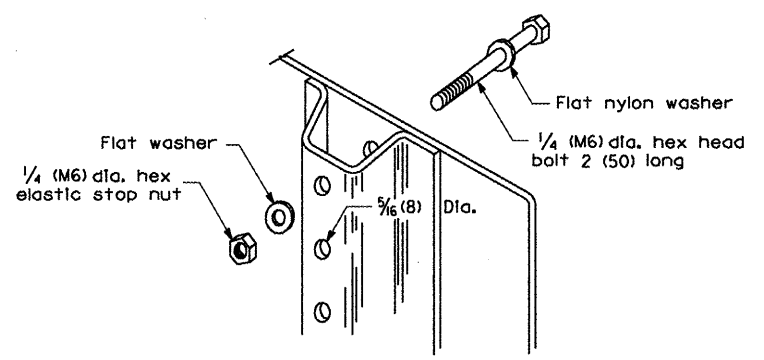
**Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type (*)
• See Plans for Type**



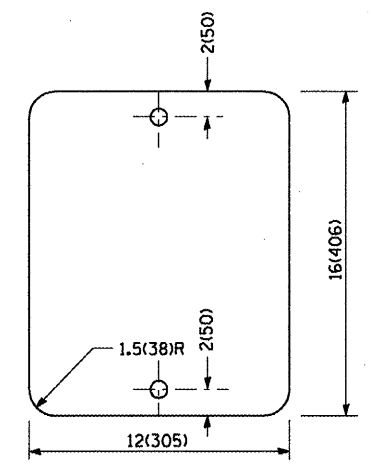
**Sheeting Position for
Traffic Barrier Terminal Type (*)
• See Plans for Type**

TERMINAL MARKER DETAILS

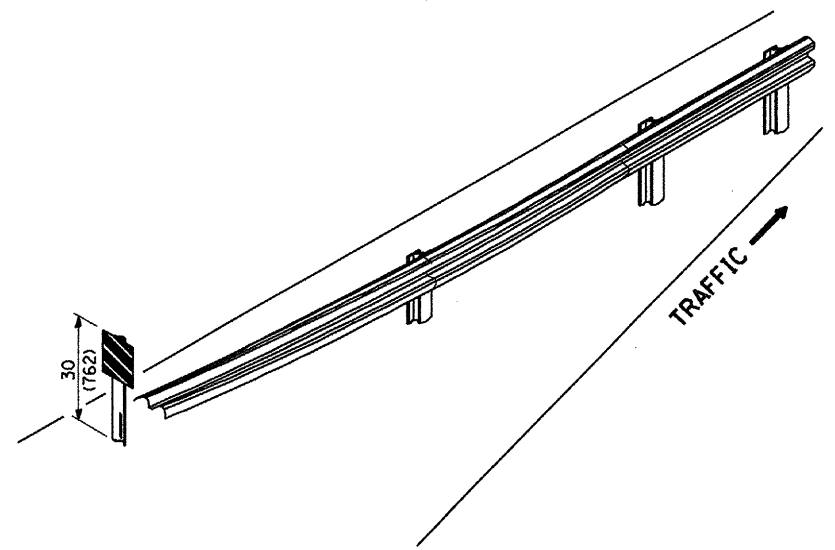
- Color: Black / Yellow reflectorized
- OM - I100 (L or R) Direct applied reflective sheeting
- OM - I200 (L or R) Post mounted



DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER



**ALTERNATE TREATMENT - POST MOUNTED
(For turned-down terminal where sheeting
cannot be direct applied)**

TERMINAL MARKER TREATMENTS

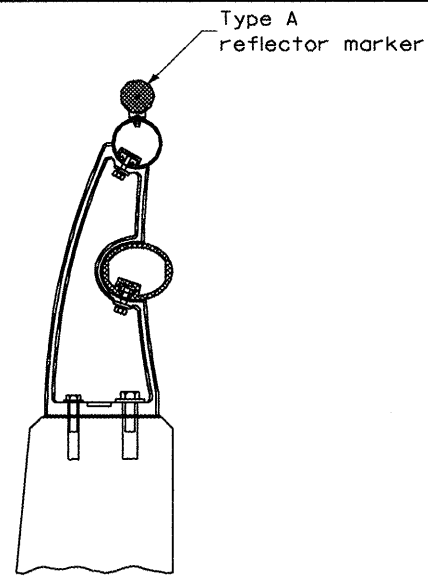
GENERAL NOTES

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

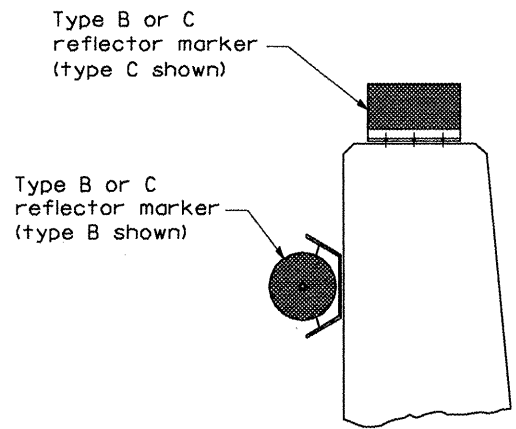
POST MOUNTED TERMINAL MARKER ASSEMBLY

| | | | | | | | | | | | |
|---------------------|---------|---------------------------|--------------|---|--|---|--|------------------------------------|--|--------------|--|
| | | | | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | GUARDRAIL AND BARRIER WALL DELINEATION | | SHT. 2 OF 3 CADD STD. 635101-D4 | | CONTRACT NO. | |
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | | | | | |
| | | | 60 | 59 | | | | | | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | | | | | | | | |

NOT TO SCALE

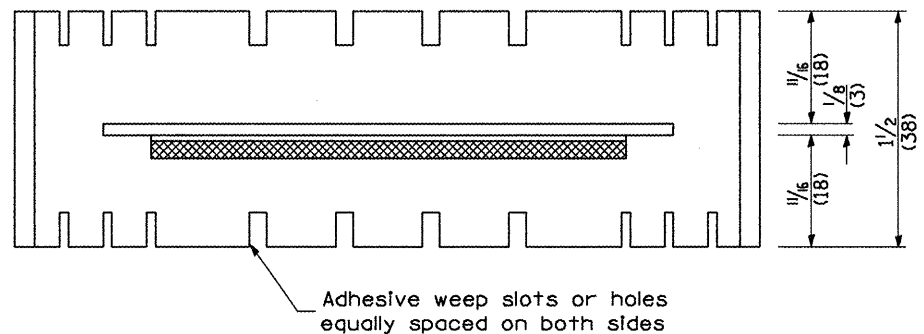


TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR

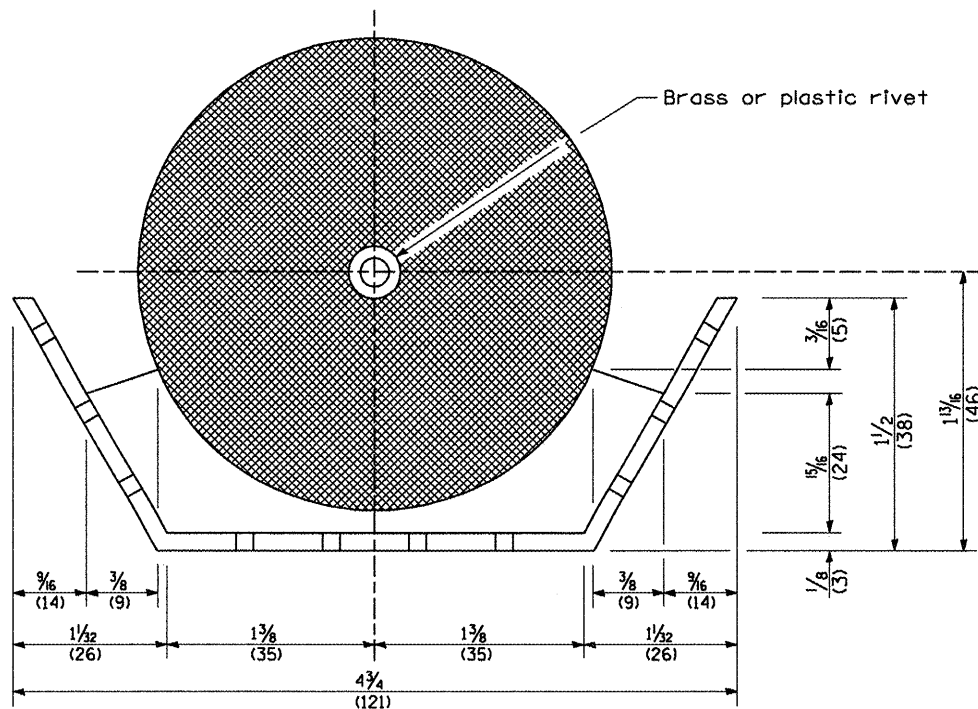


TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR

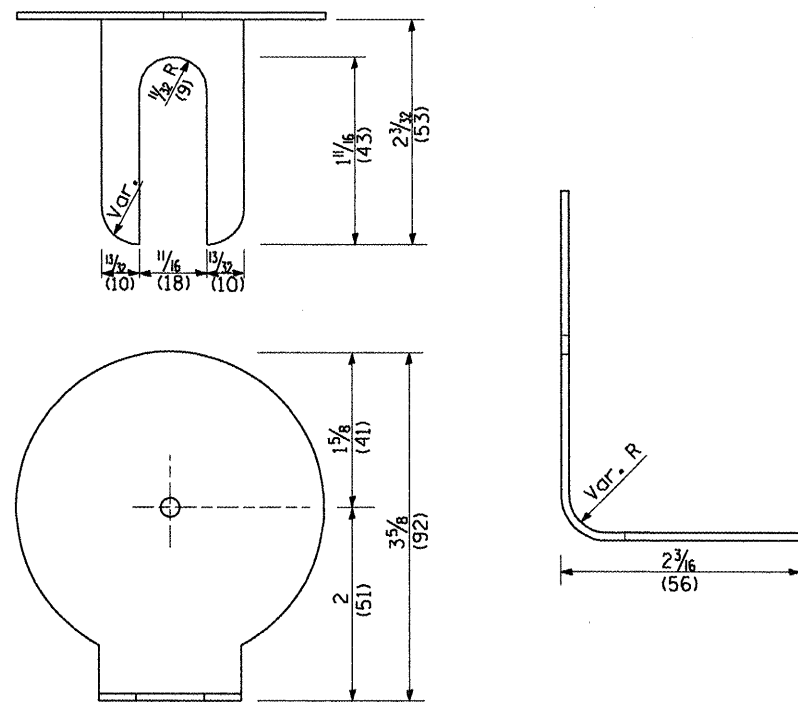
REFLECTOR MOUNTING



Adhesive weep slots or holes equally spaced on both sides

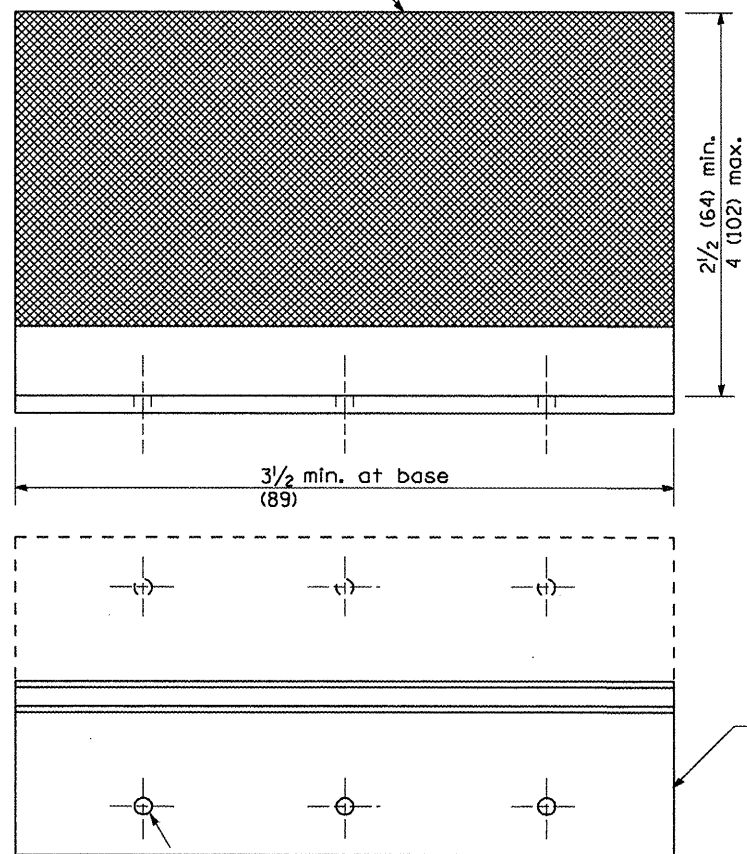


REFLECTOR MARKER TYPE B



REFLECTOR MARKER TYPE A

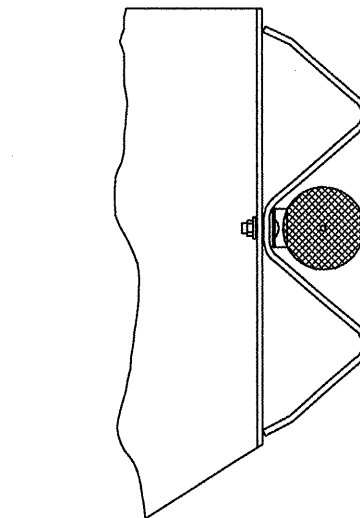
Min. reflective area 6 1/2 sq. in. (4,194 mm²) each side. May be rectangular or slight trapezoid.



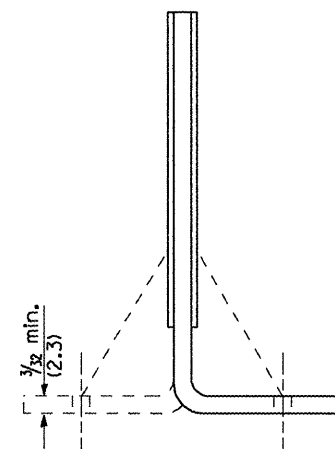
REFLECTOR MARKER TYPE C

3 min. adhesive weep holes or slots each side, variable spacing.

Minimum total area of base 7.0 Sq. in. (4,516 mm²)



TYPICAL GUARDRAIL MOUNTING WITH REFLECTOR MARKER TYPE A



Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTORS

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

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION
SHT. 3 OF 3
CADD STD. 635101-D4

| | | | | |
|---------------------|---------|--------|------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | 60 | 60 |
| FED. ROAD DIST. NO. | | | CONTRACT NO. | |
| ILLINOIS | | | FED. AID PROJECT | |