

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**TENNESSEE BLACKTOP (CH 11)
ROADWAY IMPROVEMENTS**

FAS 1434 (TENNESSEE BLACKTOP)
SECTION 11-00101-00-RS
PROJECT NO. RS 1434 (106)
McDONOUGH COUNTY
C-94-081-11

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|-----------|--------------|-----------|
| 1434 | 11-00101-00-RS | McDONOUGH | 33 | 1 |

1. COVER SHEET
2. GENERAL NOTES AND LEGEND
3. SUMMARY OF QUANTITIES
- 4.-6. TYPICAL SECTIONS
7. SCHEDULE OF QUANTITIES
8. ALIGNMENT, BENCHMARKS, AND TIES SHEET
9. TENNESSEE BLACKTOP (CH 11) COLD IN-PLACE RECYCLING
10. IL ROUTE 9 INTERSECTION STAGE CONSTRUCTION PLAN
11. IL ROUTE 9 INTERSECTION REMOVAL PLAN
12. IL ROUTE 9 INTERSECTION ROADWAY PLAN
13. IL ROUTE 9 INTERSECTION EROSION CONTROL PLAN
- 14.-15. IL ROUTE 9 INTERSECTION INTERSECTION GRADING AND JOINTING PLAN
- 16.-17. US ROUTE 136 INTERSECTION STAGE CONSTRUCTION PLAN
18. US ROUTE 136 INTERSECTION REMOVAL PLAN
19. US ROUTE 136 INTERSECTION ROADWAY PLAN
20. US ROUTE 136 INTERSECTION EROSION CONTROL PLAN
- 21.-22. US ROUTE 136 INTERSECTION GRADING AND JOINTING PLAN
23. GUTTER OUTLET SPECIAL DETAILS
24. OUTLET SPECIAL DETAILS
25. DRAINAGE STRUCTURE DETAILS
- 26.-29. IL ROUTE 9 INTERSECTION CROSS SECTIONS
- 30.-31. US ROUTE 136 INTERSECTION CROSS SECTIONS
- 32.-33. IDOT DISTRICT 4 STANDARD DETAILS

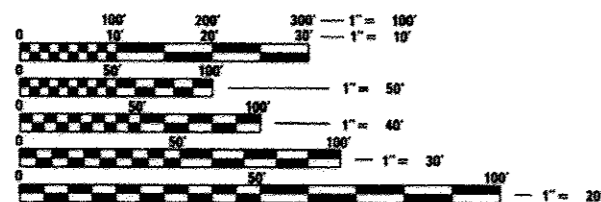
LIST OF STANDARDS

IDOT HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-07 PAVEMENT JOINTS
- 420101-04 JOINTED PCC PAVEMENT
- 602301-04 INLET TYPE A
- 602401-03 MANHOLE TYPE A
- 604001-03 FRAME AND LIDS TYPE 1
- 604036-02 GRATE TYPE B
- 606001-05 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701701-09 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-03 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 780001-04 TYPICAL PAVEMENT MARKINGS
- BLR 22-7 TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

IDOT DISTRICT 4 STANDARDS

- 780001-D4 TYPICAL PAVEMENT MARKINGS

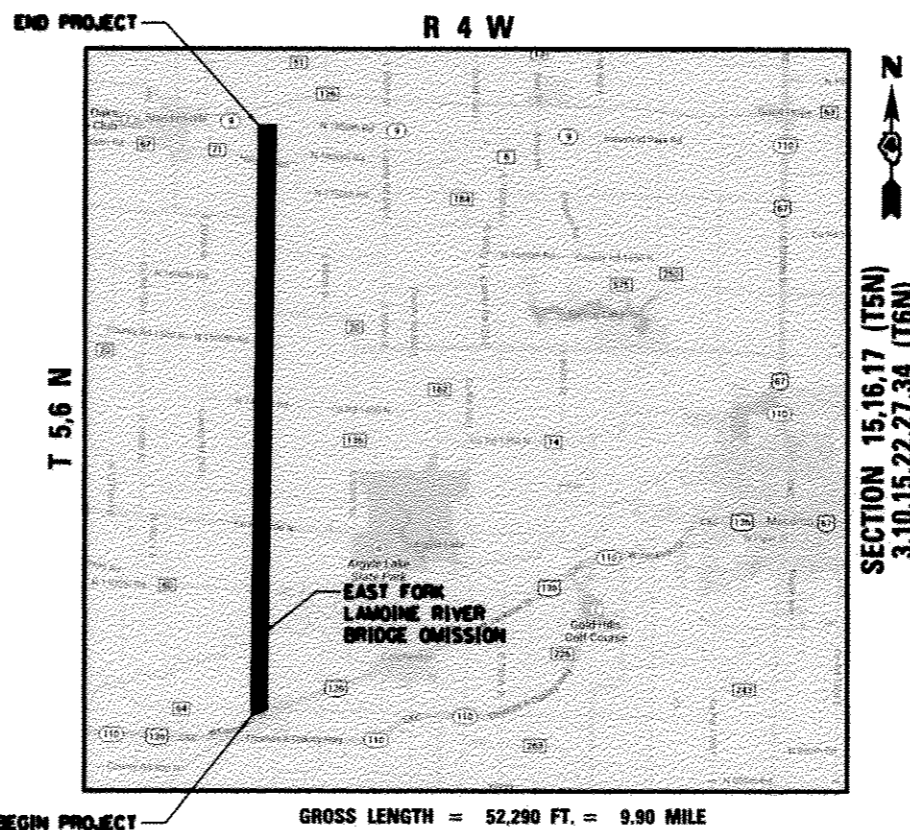


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

CAT # 034695-00

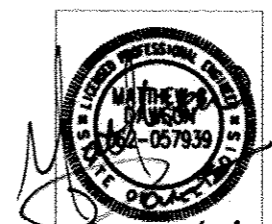
CONTRACT NO. 89607

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-492-0123
OR 811



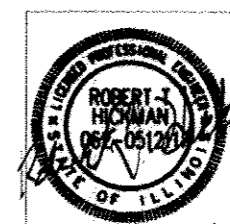
GROSS LENGTH = 52,290 FT. = 9.90 MILE
NET LENGTH = 52,040 FT. = 9.86 MILE
ADT = 1150, SU\MU = 7%

SECTION 15,16,17 (T5N)
3,10,15,22,27,34 (T6N)



DATE SIGNED: 1/21/14
LIC. EXP. DATE: 11/30/2015

EXCLUDES COLD IN-PLACE RECYCLING SHOWN ON SHEETS 4 AND 9 ALONG WITH ASSOCIATED QUANTITIES AND SPECIAL PROVISIONS.



DATE SIGNED: 1/22/14
LIC. EXP. DATE: 11/30/2015

COLD IN-PLACE RECYCLING, SHEETS 4 AND 9 ALONG WITH ASSOCIATED QUANTITIES AND SPECIAL PROVISIONS.

APPROVED: *Robert J. Hochman* 20 14
McDONOUGH COUNTY ENGINEER

PASSED: *John J. ...* 20 14
DISTRICT FOUR ENGINEER OF LOCAL ROADS & STREETS

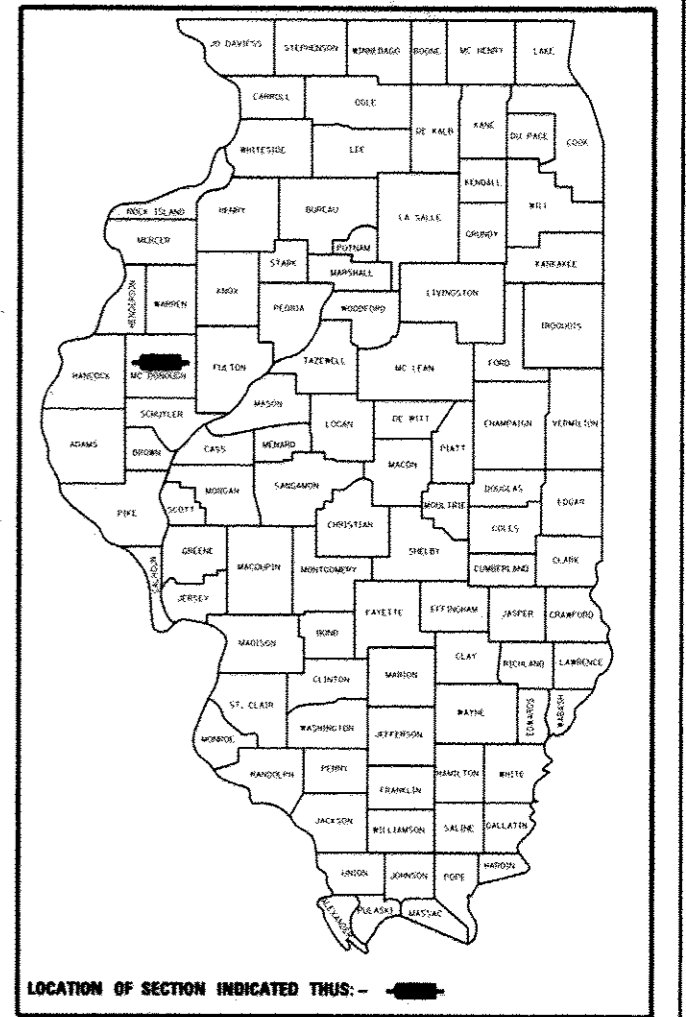
Releasing For Bid Based on Limited Review: *Jan 27* 20 14
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE: 1/21/14

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HANSON
Hanson Professional Services Inc.
7625 N. University St., Suite 200
Peoria, Illinois 61614
Offices Nationwide





| ITEM NUMBER | ITEM | UNIT | TOTAL QUANTITY |
|-------------|---|--------|----------------|
| 20200100 | EARTH EXCAVATION | CU YD | 525 |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 50 |
| 20700110 | POROUS GRANULAR EMBANKMENT | TON | 100 |
| 20800150 | TRENCH BACKFILL | CU YD | 10 |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SQ YD | 792 |
| 25100630 | EROSION CONTROL BLANKET | SQ YD | 282 |
| 25100635 | HEAVY DUTY EROSION CONTROL BLANKET | SQ YD | 55 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 17 |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 21 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 860 |
| 28000510 | INLET FILTERS | EACH | 4 |
| 31100500 | SUBBASE GRANULAR MATERIAL, TYPE A 6" | SQ YD | 1420 |
| 40200800 | AGGREGATE SURFACE COURSE, TYPE B | TON | 35 |
| 42000110 | PORTLAND CEMENT CONCRETE PAVEMENT 6 1/2" | SQ YD | 1357 |
| 42001300 | PROTECTIVE COAT | SQ YD | 2170 |
| 42400100 | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | SQ FT | 64 |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 1044 |
| 44000165 | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | SQ YD | 778 |
| 44000600 | SIDEWALK REMOVAL | SQ FT | 74 |
| 44004000 | PAVED DITCH REMOVAL | FOOT | 43 |
| 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 5370 |
| 550A0050 | STORM SEWERS, CLASS A, TYPE 1 12" | FOOT | 67 |
| 60221100 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| 60236200 | INLETS, TYPE A, TYPE 8 GRATE | EACH | 2 |
| 60500040 | REMOVING MANHOLES | EACH | 1 |
| 67100100 | MOBILIZATION | L SUM | 1 |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 5200 |
| 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 18 |
| 72900100 | METAL POST - TYPE A | FOOT | 27 |
| * 78001110 | PAINT PAVEMENT MARKING - LINE 4" | FOOT | 35445 |
| * 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | FOOT | 1098 |
| * 78009024 | MODIFIED URETHANE PAVEMENT MARKING - LINE 24" | FOOT | 39 |
| X0324058 | OUTLET SPECIAL | EACH | 1 |
| X4200840 | PORTLAND CEMENT CONCRETE INLAY, 4" | SQ YD | 743 |
| X6026050 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 1 |
| X6061815 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) | FOOT | 169 |
| X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1 |
| X7240300 | SIGN REMOVAL | EACH | 3 |
| * XX000714 | FENCE TO BE REMOVED AND RE-ERECTED | FOOT | 67 |
| XX004450 | BITUMINOUS SURFACE TREATMENT, A-2 SPECIAL | SQ YD | 116656 |
| XX006343 | SEEDING (COMPLETE) | SQ YD | 792 |
| XX006529 | CONCRETE CURB AND GUTTER END OUTLET SPECIAL | EACH | 3 |
| XX007371 | PORTLAND CEMENT CONCRETE PAVEMENT, FURNISHED | CU YD | 83 |
| XX008871 | MULCH | SQ YD | 455 |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 |
| LR400005 | CIR-FDR EMULSIFIED ASPHALT | GALLON | 258471 |
| LR400760 | COLD IN-PLACE RECYCLING, 6.0" | SQ YD | 116656 |
| LR403300 | SURFACE PROFILE MILLING | SQ YD | 116656 |

* SPECIALTY ITEM

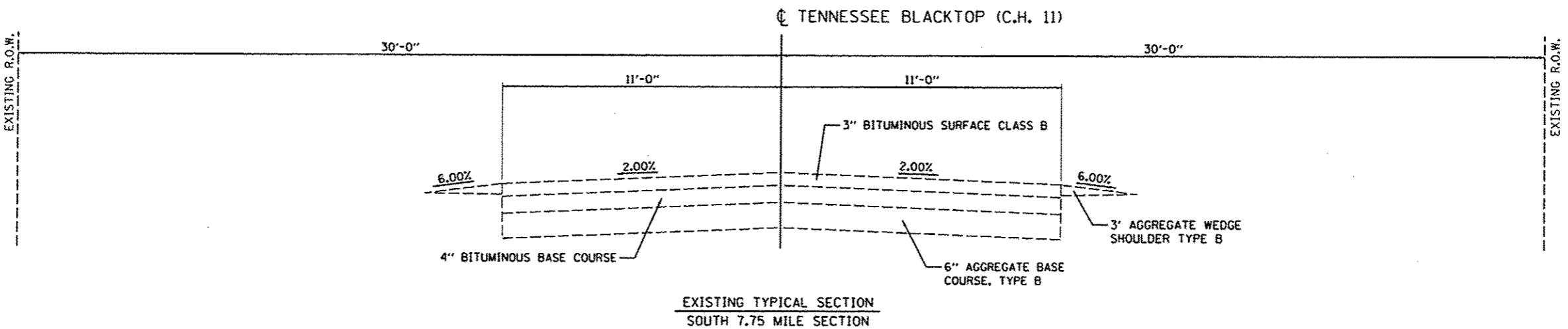
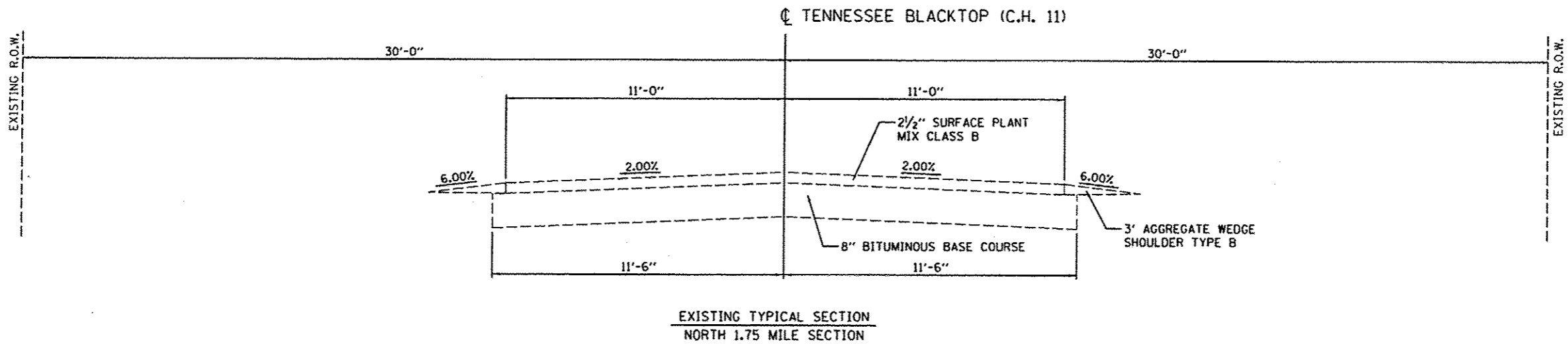
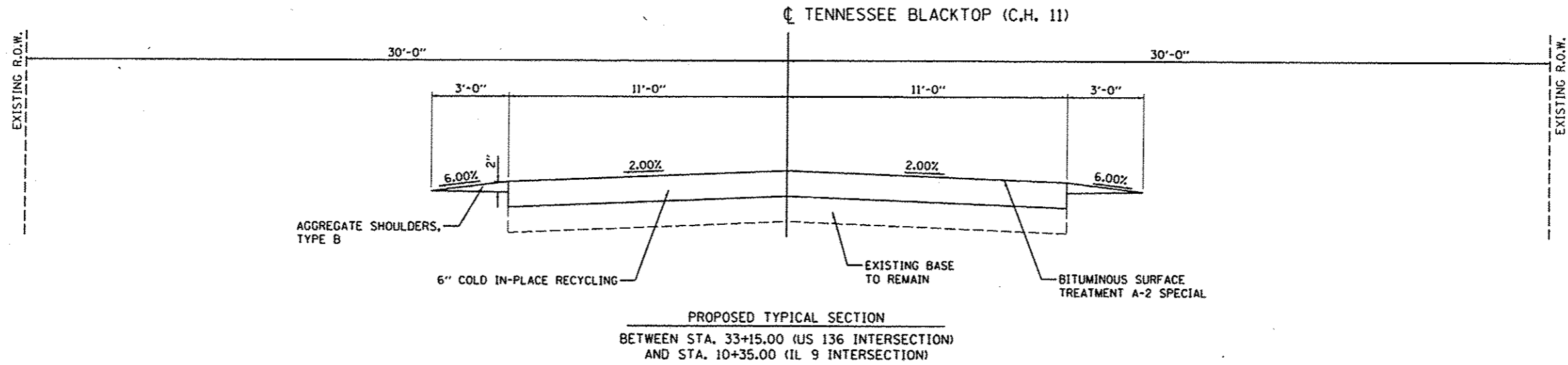
| | |
|-----------|-----|
| DATE | BY |
| 1/21/2014 | JMM |
| 1/21/2014 | JMM |
| 1/21/2014 | JMM |

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|---|-----------|-----------|---------|
| FILE NAME | USER NAME | DESIGNED | REVISOR |
| T:\11 Jobs\11-00101\11-00101-RS\11-00101-RS.dwg | jmm | JMM | |
| | | CHECKED | REVISOR |
| | | XNB | |
| | | DATE | REVISOR |
| | | 1/21/2014 | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|-----------|-----------|--------------|
| TENNESSEE BLACKTOP (CH 11) SUMMARY OF QUANTITIES | | | |
| SCALE: N/A | SHEET NO. | OF SHEETS | STA. TO STA. |

| | | | | |
|---------------------|----------------|-----------|---------------------------|---------------------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | McDONOUGH | 33 | 3 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | CONTRACT NO. 089607 |
| | | | RS 1434 (106) | |



| | | |
|----------|-----|-----------|
| LAYOUT | MD | 9/25/2013 |
| DRAWN | RLA | 1/17/2014 |
| REVIEWED | KNS | 1/20/2014 |

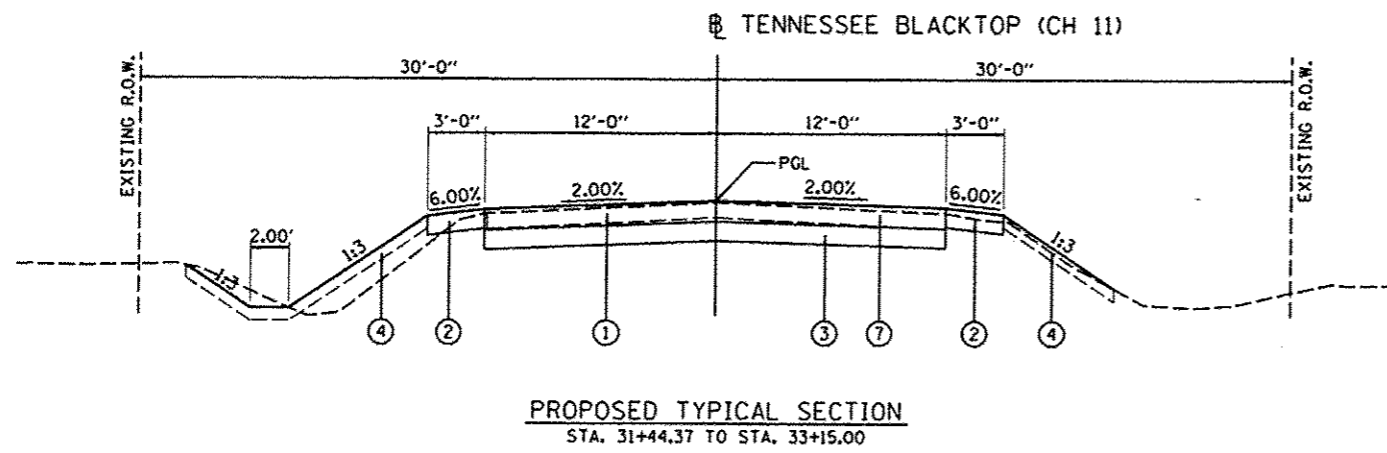
| | | | |
|--|-----------------------|----------------|-----------|
| FILE NAME = J:\11Jobs\11LEB\11CAD\Road\Sheet\c-501.dgn | USER NAME = monk81398 | DESIGNED - MGD | REVISED - |
| PLOT SCALE = 5.0000 1/16" = 1' | CHECKED - KNS | DRAWN - RLA | REVISED - |
| PLOT DATE = 01/20/2014 | DATE - 1/21/2014 | REVIEWED - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TENNESSEE BLACKTOP (CH 11)
COLD IN-PLACE RECYCLING TYPICAL SECTIONS

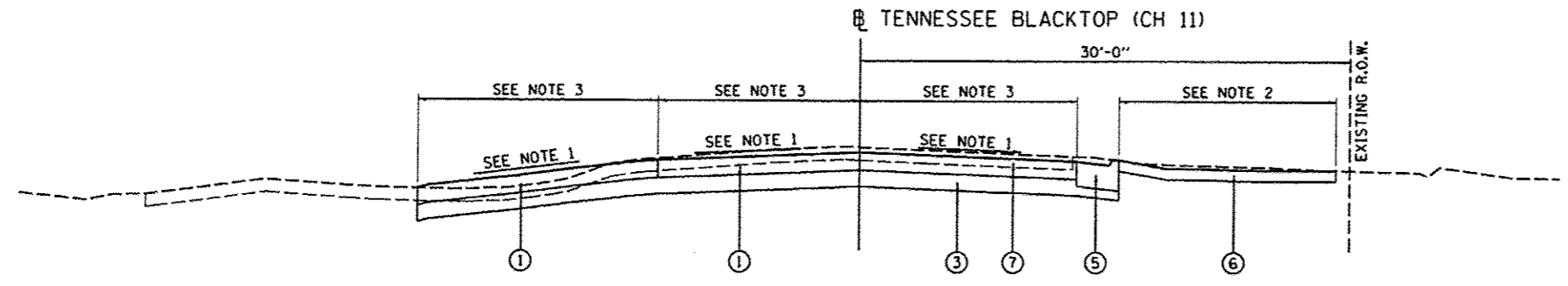
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---|----------------|-----------|--------------------|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | McDONOUGH | 33 | 4 |
| FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | CONTRACT NO. 89607 | |
| | | | RS 1434 1061 | |



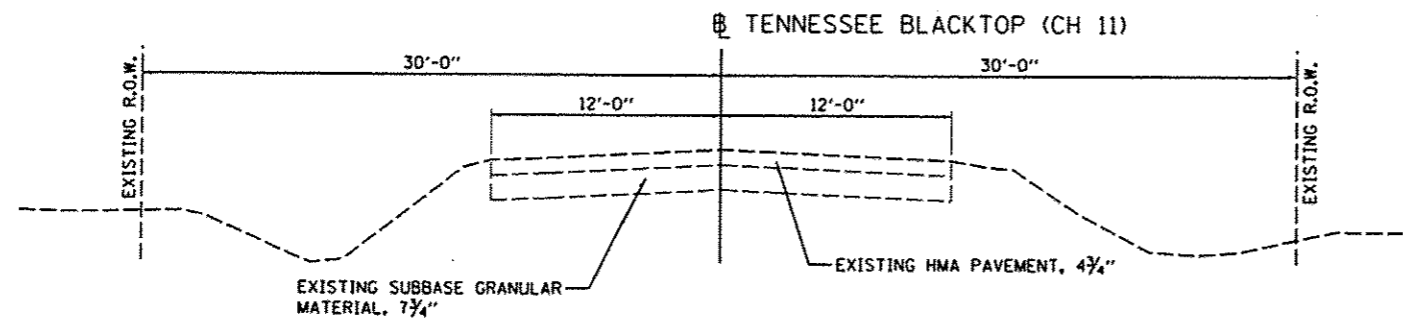
- LEGEND**
- ① PORTLAND CEMENT CONCRETE PAVEMENT, 6 1/2"
 - ② AGGREGATE SHOULDERS, TYPE B, 6"
 - ③ SUBBASE GRANULAR MATERIAL, TYPE A, 6"
 - ④ TOPSOIL FURNISH AND PLACE, 4"
 - ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)
 - ⑥ AGGREGATE SURFACE COURSE, TYPE B, 4"
 - ⑦ PAVEMENT REMOVAL
- PGL = PROFILE GRADE LINE

PROPOSED TYPICAL SECTION
 STA. 31+44.37 TO STA. 33+15.00



PROPOSED TYPICAL SECTION
 STA. 30+15.66 TO STA. 31+44.37

- NOTES:**
1. SEE INTERSECTION GRADING AND JOINTING PLAN FOR PAVEMENT GRADING.
 2. SEE DRAINAGE AND EROSION CONTROL PLAN FOR SWALE IN PARKING LOT BEHIND CURB.
 3. WIDTHS VARY, SEE ROADWAY PLAN FOR LAYOUT.



EXISTING TYPICAL SECTION

| | | |
|----------|-----|-----------|
| LAYOUT | MCD | 9/25/2013 |
| DRAWN | RLA | 1/17/2014 |
| REVIEWED | SNS | 1/20/2014 |

| | | | |
|---|------------------------|------------------|-----------|
| FILE NAME = | USER NAME = msnak01390 | DESIGNED - MCD | REVISED - |
| 1:\11\Jobs\11L0161\CAO\Road\Sheet\c-503.dgn | | DRAWN - RLA | REVISED - |
| | | CHECKED - KNS | REVISED - |
| | | DATE - 1/21/2014 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TENNESSEE BLACKTOP (CH 11) & US ROUTE 136 INTERSECTION
TYPICAL SECTIONS

| | | | | |
|---------------|----------------|---------------------|--------------|---------------------------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 6 |
| SCALE: N.T.S. | | SHEET NO. OF SHEETS | | STA. TO STA. |
| | | FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT |
| | | AS 1434 (106) | | |

| EARTHWORK SUMMARY | | | | | | |
|--------------------------------------|------------------|--|------------|---|---|----------------------------|
| LOCATION | 20200100 | | 20201200 | | 20700110 | |
| | EARTH EXCAVATION | EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 25% SHRINKAGE | EMBANKMENT | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | POROUS GRANULAR EMBANKMENT |
| | CU YD | CU YD | CU YD | CU YD | CU YD | TONS |
| TENNESSE BLACKTOP NORTH | 86 | 64 | 21 | 43 | | |
| TENNESSE BLACKTOP NORTH - IL ROUTE 9 | 87 | 65 | 36 | 29 | 0 | 0 |
| TENNESSE BLACKTOP SOUTH | 352 | 264 | 11 | 253 | 0 | 0 |
| CONTINGENCY | 0 | 0 | 0 | 0 | 50 | 100 |
| TOTAL | 525 | 393 | 68 | 325 | 50 | 100 |

| EROSION CONTROL SCHEDULE | | | | | | | | |
|--------------------------|---|-------------------------------------|--|---|--------------------------------|-------------------|---------------|-------------|
| LOCATION | 21101625 TOPSOIL FURNISH AND PLACE, 6" | 25100630 EROSION CONTROL BLANKET | 25100635 HEAVY DUTY EROSION CONTROL BLANKET | 28000250 TEMPORARY EROSION CONTROL SEEDING | XX006343 SEEDING (COMPLETE) | XX008871 MULCH | | |
| | | | | | | | BEGIN STATION | END STATION |
| TENNESSEE BLACKTOP | | | | | | | | |
| | 10+35.00 | 13+38.19 | 569 | 282 | 85 | 12 | 569 | 232 |
| | 30+15.66 | 33+15.00 | 223 | 0 | 0 | 5 | 223 | 223 |
| TOTAL | | | 792 | 282 | 85 | 17 | 792 | 455 |

| CURB OUTLET SCHEDULE | | | | | |
|----------------------|---------|--------|-------|---------------------------------|--|
| LOCATION | STATION | OFFSET | LT/RT | XX024058 OUTLET SPECIAL EACH | XX006529 CONCRETE CURB AND GUTTER END OUTLET SPECIAL EACH |
| | | | | | |
| 30+42.92 | 47.49 | RT | | 1 | |
| 30+46.58 | 19.98 | LT | | 1 | |
| 31+44.39 | 14.31 | RT | | 1 | |
| TOTAL | | | | 1 | 3 |

| PAVEMENT, SIDEWALK, CURB, AND SHOULDER SCHEDULE | | | | | | | | | | | | |
|---|---------------|-------------|--------------------------------------|----------------------------------|--|-----------------|--|-----------------------------|------------------------------------|--|--|--|
| LOCATION | BEGIN STATION | END STATION | 31100500 | 40200800 | 42000110 | 42001300 | 42400100 | 48101200 | X4200840 | X6061815 | XX007371 | |
| | | | SUBBASE GRANULAR MATERIAL, TYPE A 6" | AGGREGATE SURFACE COURSE, TYPE B | PORTLAND CEMENT CONCRETE PAVEMENT 6 1/2" | PROTECTIVE COAT | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | AGGREGATE SHOULDERS, TYPE B | PORTLAND CEMENT CONCRETE INLAY, 4" | COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) | PORTLAND CEMENT CONCRETE PAVEMENT, FURNISHED | |
| | | | SQ YD | TON | SQ YD | SQ YD | SQ FT | TON | SQ YD | FOOT | CU YD | |
| TENNESSEE BLACKTOP | | | | | | | | | | | | |
| | 10+35.00 | 13+38.19 | 252 | 0 | 252 | 995 | 0 | 110 | 743 | 0 | 83 | |
| | 30+15.66 | 33+15.00 | 1168 | 35 | 1105 | 1175 | 64 | 60 | 0 | 169 | 0 | |
| TOTAL | | | 1420 | 35 | 1357 | 2170 | 64 | 170 | 743 | 169 | 83 | |
| FROM COLD IN-PLACE RECYCLING SCHEDULE | | | | | | | | 5200 | | | | |
| TOTAL | | | | | | | | | 5370 | | | |

| COLD IN-PLACE RECYCLING SCHEDULE | | | | | | | | | |
|--|-------------------|-------------|-----------------------------|-----------------------------|----------------------------|-------------------------------|-------------------------|---|--|
| LOCATION | BEGIN STATION | END STATION | 48101200 | 70300100 | LR400005 | LR400760 | LR403300 | XX004450 | |
| | | | AGGREGATE SHOULDERS, TYPE B | SHORT TERM PAVEMENT MARKING | CIR-FDR EMULSIFIED ASPHALT | COLD IN-PLACE RECYCLING, 6.0" | SURFACE PROFILE MILLING | BITUMINOUS SURFACE TREATMENT, A-2 SPECIAL | |
| | | | TON | FOOT | GALLON | SQ YD | SQ YD | SQ YD | |
| TENNESSEE BLACKTOP | | | | | | | | | |
| | RECYCLING SECTION | | 5200 | 5200 | 258,471 | 116656 | 116656 | 116656 | |
| TOTAL | | | 5200 | 5200 | 258,471 | 116656 | 116656 | 116656 | |
| FROM PAVEMENT, SIDEWALK, CURB, AND SHOULDER SCHEDULE | | | 170 | | | | | | |
| TOTAL | | | 5370 | | | | | | |

| REMOVAL SCHEDULE | | | | | | | |
|--------------------|---------------|-------------|------------------|-------------------------------------|------------------|---------------------|------------------------------------|
| LOCATION | BEGIN STATION | END STATION | 44000100 | 44000165 | 44000600 | 44004000 | XX000714 |
| | | | PAVEMENT REMOVAL | HOT-MIX ASPHALT SURFACE REMOVAL, 4" | SIDEWALK REMOVAL | PAVED DITCH REMOVAL | FENCE TO BE REMOVED AND RE-ERECTED |
| | | | SQ YD | SQ YD | SQ FT | FOOT | FOOT |
| TENNESSEE BLACKTOP | | | | | | | |
| | 10+35.00 | 13+38.19 | 103 | 776 | 0 | 0 | 67 |
| | 30+15.66 | 33+15.00 | 941 | 0 | 74 | 43 | 0 |
| TOTAL | | | 1044 | 776 | 74 | 43 | 67 |

| PAVEMENT MARKING SCHEDULE | | | | | |
|---------------------------|---------------|-------------|----------------------------------|--|---|
| LOCATION | BEGIN STATION | END STATION | 78001110 | 78009004 | 78009024 |
| | | | PAINT PAVEMENT MARKING - LINE 4" | MODIFIED URETHANE PAVEMENT MARKING - LINE 4" | MODIFIED URETHANE PAVEMENT MARKING - LINE 24" |
| | | | FOOT | FOOT | FOOT |
| TENNESSEE BLACKTOP | | | | | |
| | 10+35.00 | 13+38.19 | 0 | 547 | 21 |
| | 30+15.66 | 33+15.00 | 0 | 551 | 18 |
| RECYCLING SECTION | | | 35445 | 0 | 0 |
| TOTAL | | | 35445 | 1098 | 39 |

| SIGN REMOVAL SCHEDULE | | | | |
|-----------------------|---------|--------|------|-------------------------------|
| LOCATION | STATION | OFFSET | SIDE | X7240300 SIGN REMOVAL EACH |
| | | | | 13+05.40 |
| 13+06.61 | 21.27 | RT | 1 | |
| 30+34.49 | 20.26 | LT | 1 | |
| TOTAL | | | | 3 |

| SIGN SCHEDULE | | | | | |
|---------------|---------|--------|-------|---------------------------------|---------------------------------|
| LOCATION | STATION | OFFSET | LT/RT | 72000100 SIGN PANEL - TYPE 1 | 72900100 METAL POST - TYPE A |
| | | | | SQ FT | FOOT |
| 13+01.01 | 23.09 | RT | | 9.0 | 13.5 |
| 30+40.02 | 23.92 | LT | | 9.0 | 13.5 |
| TOTAL | | | | 18 | 27 |

| REMOVAL AND ADJUSTMENT SCHEDULE | | | | | |
|---------------------------------|---------|--------|-------|------------------------------------|---|
| LOCATION | STATION | OFFSET | LT/RT | 60500040 REMOVING MANHOLES EACH | X8026050 SANITARY MANHOLES TO BE ADJUSTED EACH |
| | | | | 30+35.24 | 29.22 |
| 30+21.51 | 23.95 | LT | | | 1 |
| TOTAL | | | | 1 | 1 |

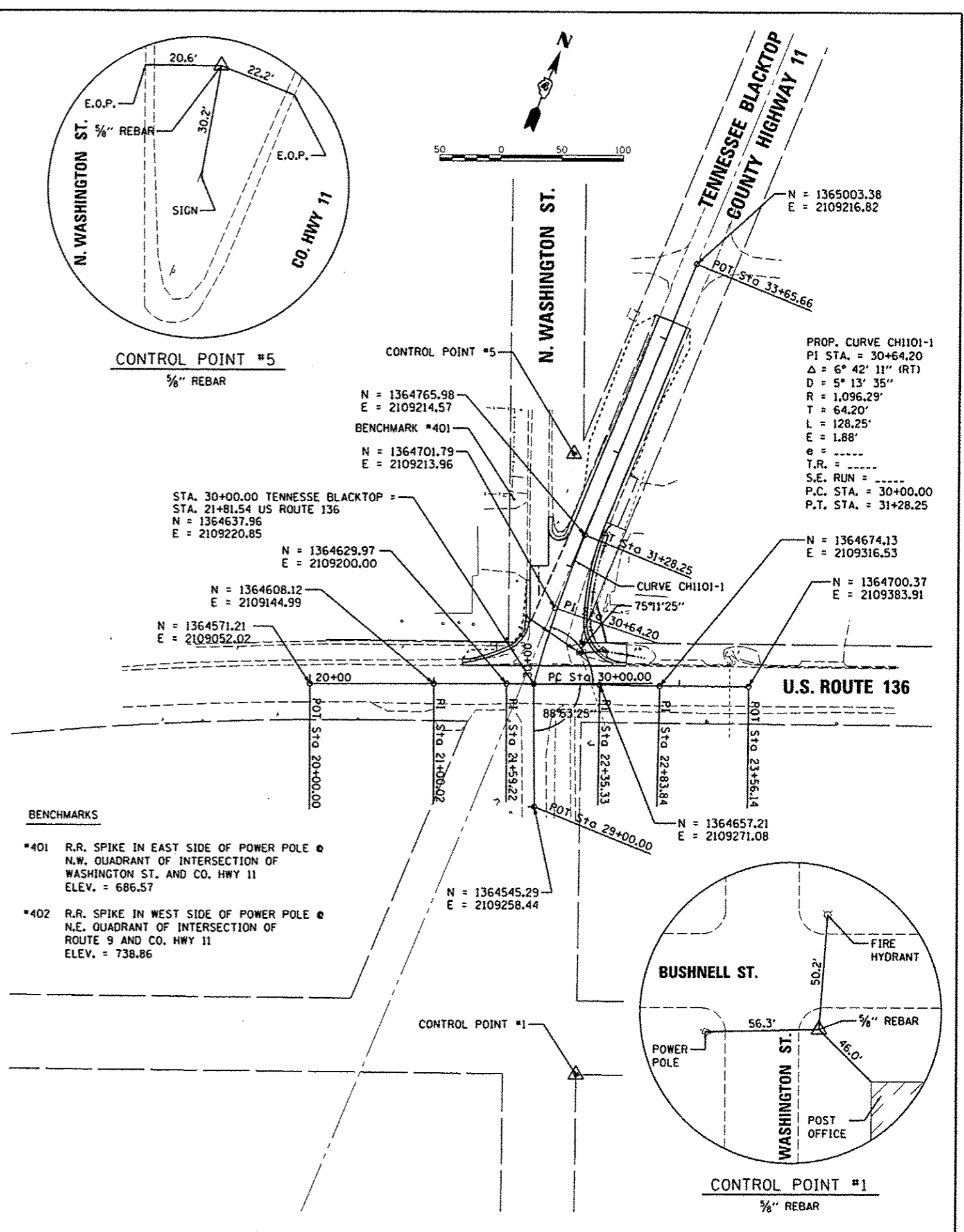
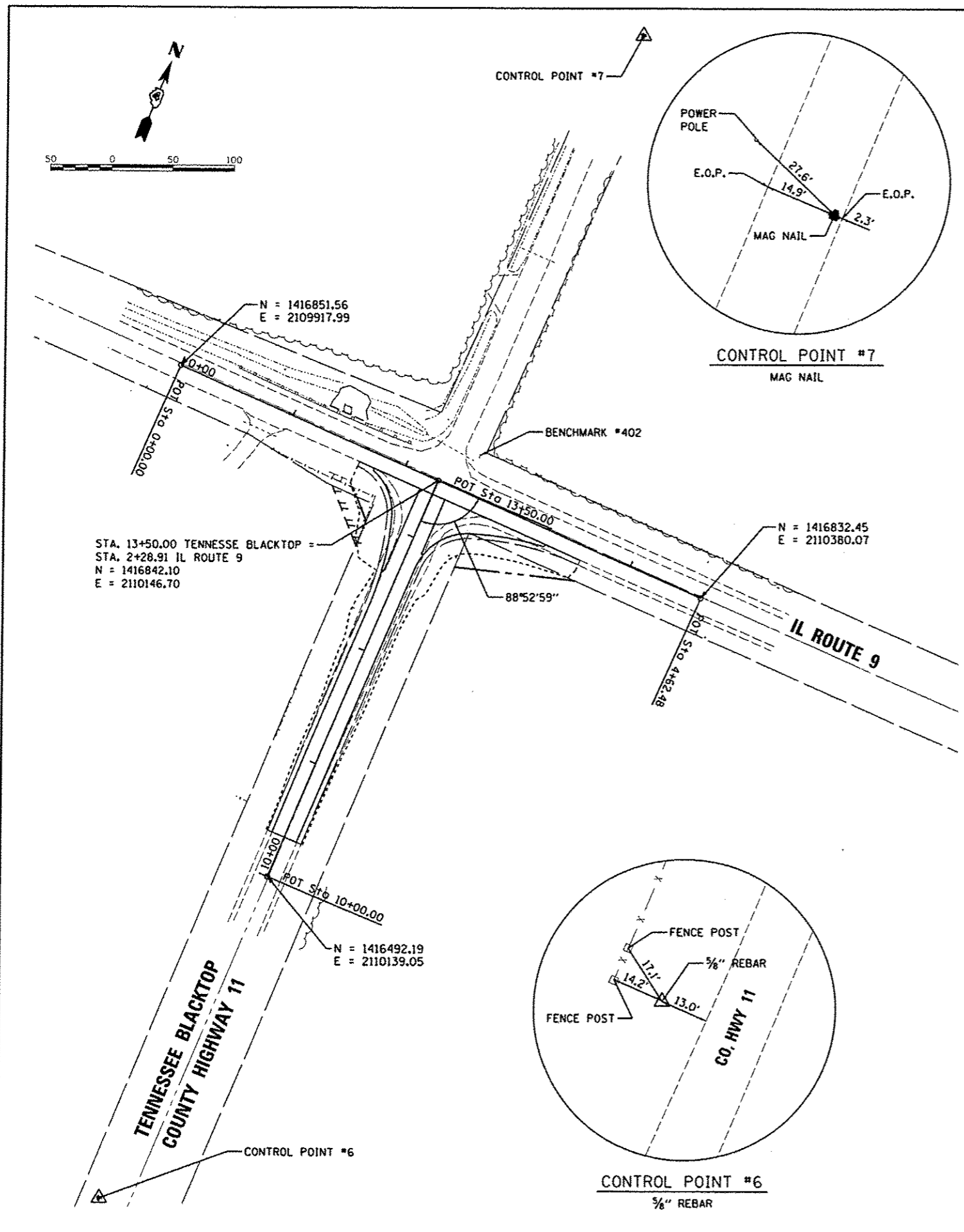
| PERIMETER EROSION BARRIER SCHEDULE | | | |
|------------------------------------|---------------|-------------|---------------------------------------|
| LOCATION | BEGIN STATION | END STATION | 28000400 PERIMETER EROSION BARRIER |
| | | | FEET |
| 10+34.98 | 13+21.27 | | 295.5 |
| 10+34.94 | 12+60.72 | | 226.5 |
| 31+23.00 | 33+15.00 | | 207.0 |
| 31+86.41 | 33+15.00 | | 131.0 |
| TOTAL | | | 860 |

| INLET FILTERS SCHEDULE | | | | |
|------------------------|---------|--------|-------|--------------------------------|
| LOCATION | STATION | OFFSET | LT/RT | 28000510 INLET FILTERS EACH |
| | | | | 13+20.11 |
| 30+50.51 | 22.09 | LT | | 1 |
| 30+35.24 | 29.22 | RT | | 1 |
| 30+42.92 | 47.49 | RT | | 1 |
| TOTAL | | | | 4 |

| TEMPORARY DITCH CHECK SCHEDULE | | | | |
|--------------------------------|---------|--------|------|-----------------------------------|
| LOCATION | STATION | OFFSET | SIDE | 28000305 TEMPORARY DITCH CHECK |
| | | | | FOOT |
| 12+60.72 | 26.81 | RT | | 11 |
| 3+60.76 | 20.72 | RT | | 10 |
| TOTAL | | | | 21 |

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LAYOUT
 JMM 5/25/2013
 DRAWN
 JMM 1/17/2014
 REVIEWED
 KNS 1/20/2014



- BENCHMARKS**
- *401 R.R. SPIKE IN EAST SIDE OF POWER POLE • N.W. QUADRANT OF INTERSECTION OF WASHINGTON ST. AND CO. HWY 11 ELEV. = 686.57
 - *402 R.R. SPIKE IN WEST SIDE OF POWER POLE • N.E. QUADRANT OF INTERSECTION OF ROUTE 9 AND CO. HWY 11 ELEV. = 738.86

PROP. CURVE CH1101-1
 PI STA. = 30+64.20
 $\Delta = 6^\circ 42' 11''$ (RT)
 $D = 5^\circ 13' 35''$
 $R = 1,096.29'$
 $T = 64.20'$
 $L = 128.25'$
 $e = 1.88'$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA. = 30+00.00$
 $P.T. STA. = 31+28.25$

| | |
|----------|-----------|
| LAYOUT | 9/25/2013 |
| DRAWN | 1/17/2014 |
| REVIEWED | 1/20/2014 |

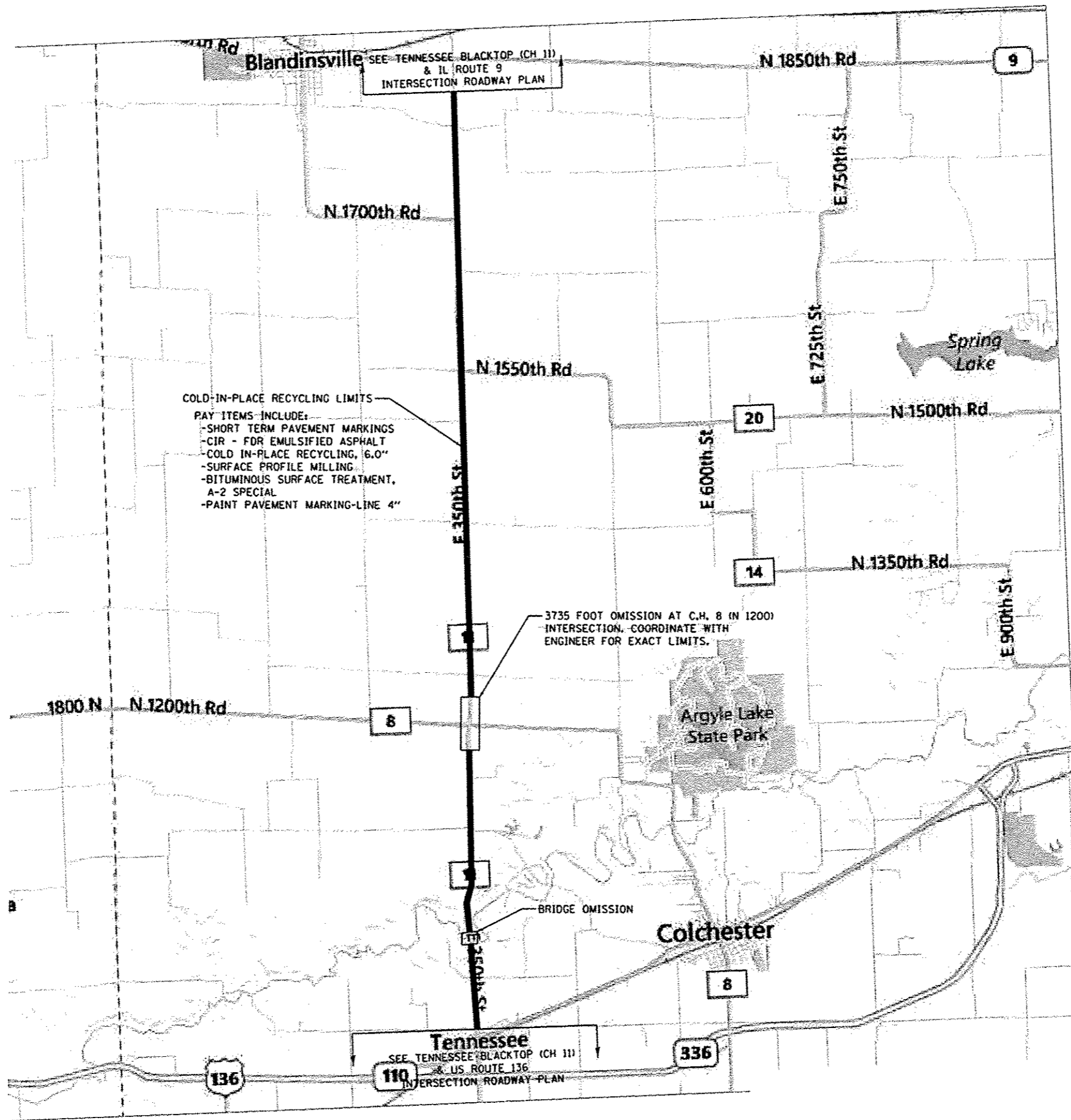
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| | | CHECKED - KNB | REVISED - |
| | | DATE - 1/21/2014 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TENNESSEE BLACKTOP (CH 11)
 ALIGNMENT, BENCHMARKS, AND TIES**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---|----------------|-----------|----------------------------------|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 8 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89607 RS 1434 (106) | |



MAINTENANCE OF TRAFFIC NOTES:

1. IMPROVEMENTS SHALL BE CONSTRUCTED USING STANDARD DRAWING 701306 AND AS DIRECTED BY THE ENGINEER.
2. SHORT TERM PAVEMENT MARKINGS SHALL BE USED TO SEPARATE THE TWO DIRECTIONS OF TRAVEL UNTIL PERMANENT MARKINGS ARE PLACED.
3. LENGTH OF PROJECT SHALL BE TEMPORARILY SIGNED WITH SIGN G20-1100 (NO PASSING ZONES NOT STRIPED NEXT XX MILES PER IL MUTCD), ANY EXISTING PASSING ZONE SIGNS SHALL BE COVERED UNTIL PERMANENT PAVEMENT MARKING HAVE BEEN PLACED.
4. ALL WORK ASSOCIATED WITH MAINTENANCE OF TRAFFIC SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND SHORT TERM PAVEMENT MARKINGS.
5. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL SIGNING REQUIREMENTS DURING CONSTRUCTION OF BITUMINOUS SURFACE TREATMENT.

| | |
|----------|-----------|
| LAYOUT | 9/25/2013 |
| MOD | 1/17/2014 |
| DRAWN | 1/20/2014 |
| REVIEWED | |
| RLA | |
| KNB | |

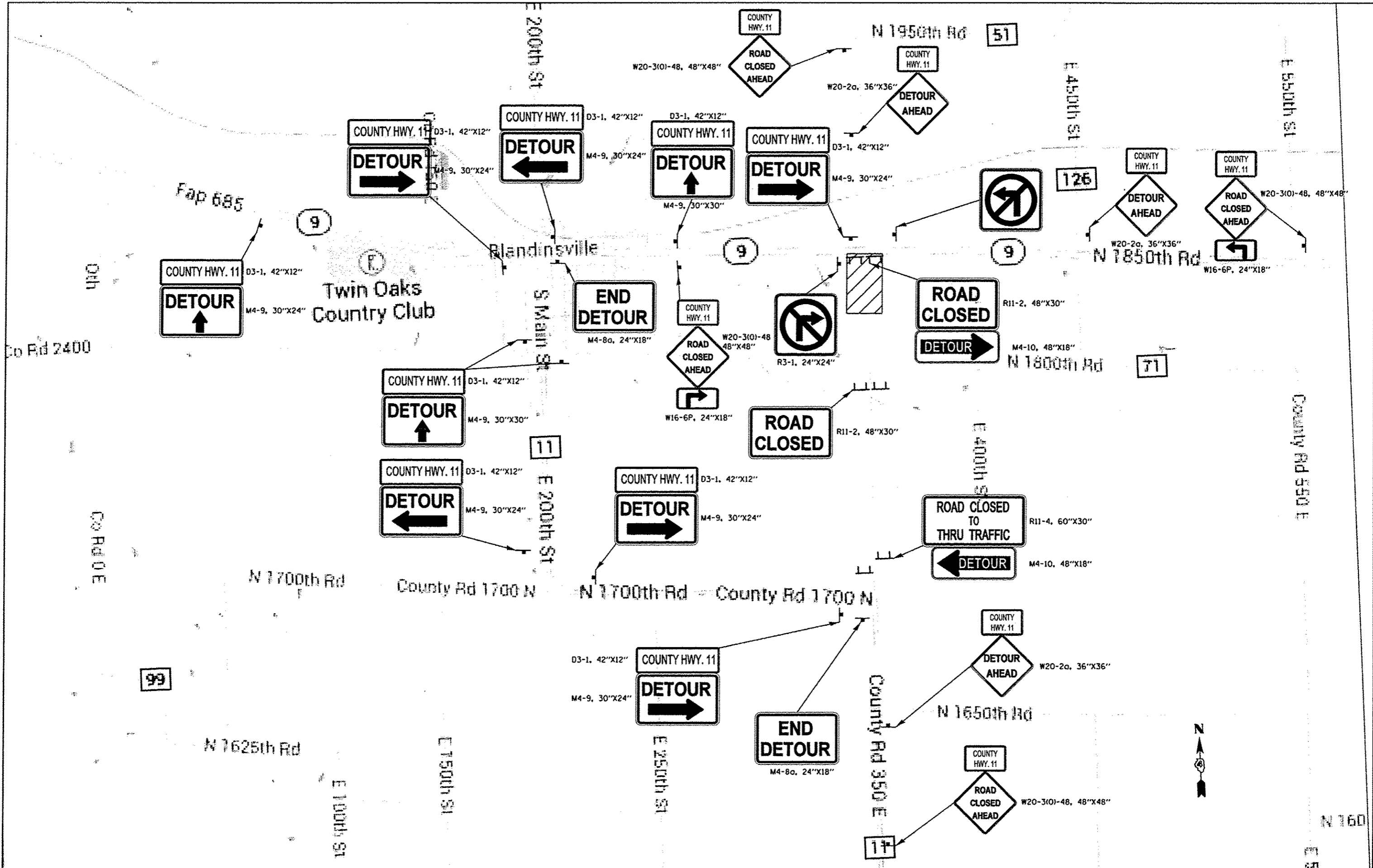
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| PLOT DATE = 8/1/2014 | | DATE - 1/21/2014 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TENNESSEE BLACKTOP (CH 11)
 COLD IN-PLACE RECYCLING OVERVIEW**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------------|---------------------------|---------------|-----------|
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 9 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | RS 1434 (106) | |
| | | CONTRACT NO. 89607 | | |



| | | | |
|-----------|-----------|-----------|-----------|
| 9/25/2013 | 9/25/2013 | 9/25/2013 | 9/25/2013 |
| MGD | RLA | KNB | KNB |
| DRAWN | CHECKED | REVIEWED | REVIEWED |

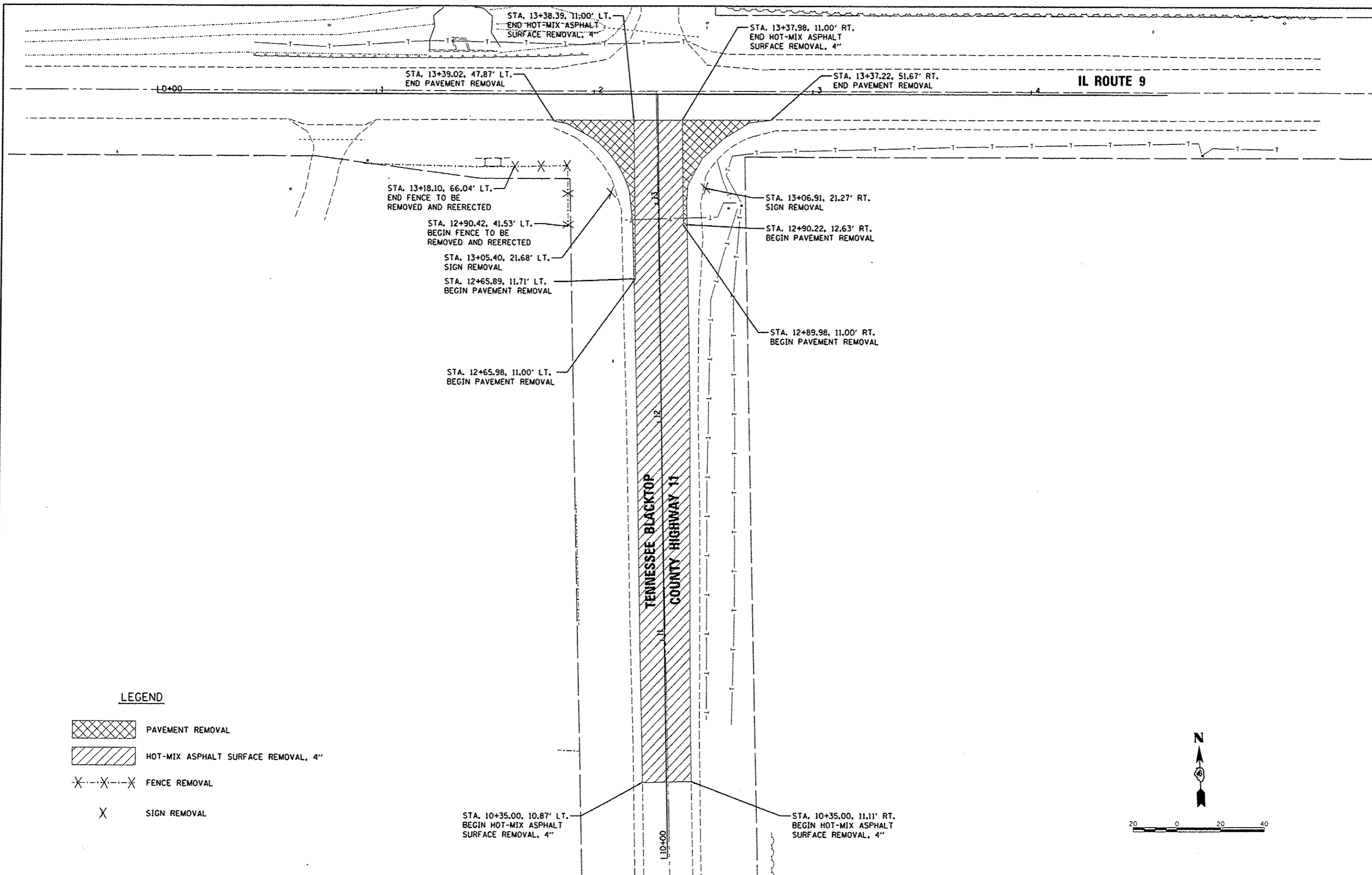
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| | | DATE : 1/21/2014 | REVISED : |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


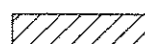
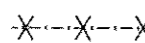

**TENNESSEE BLACKTOP (CH 11) & IL ROUTE 9 INTERSECTION
DETOUR PLAN**

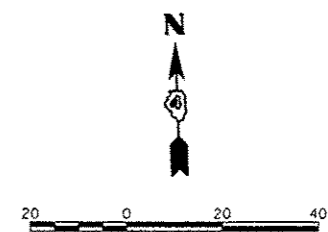
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| F.A.S. RTE. 1434 | SECTION 11-00101-00-RS | COUNTY McDONOUGH | TOTAL SHEETS 33 | SHEET NO. 10 |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. 89607 | | |
| | | RS 1434 11061 | | |



LEGEND

-  PAVEMENT REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL, 4"
-  FENCE REMOVAL
-  SIGN REMOVAL



| | | |
|----------|-----|-----------|
| LAYOUT | MGD | 9/25/2013 |
| DRAWN | RLA | 1/17/2014 |
| REVIEWED | KNB | 1/20/2014 |

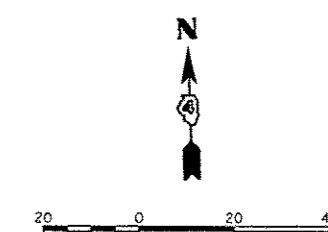
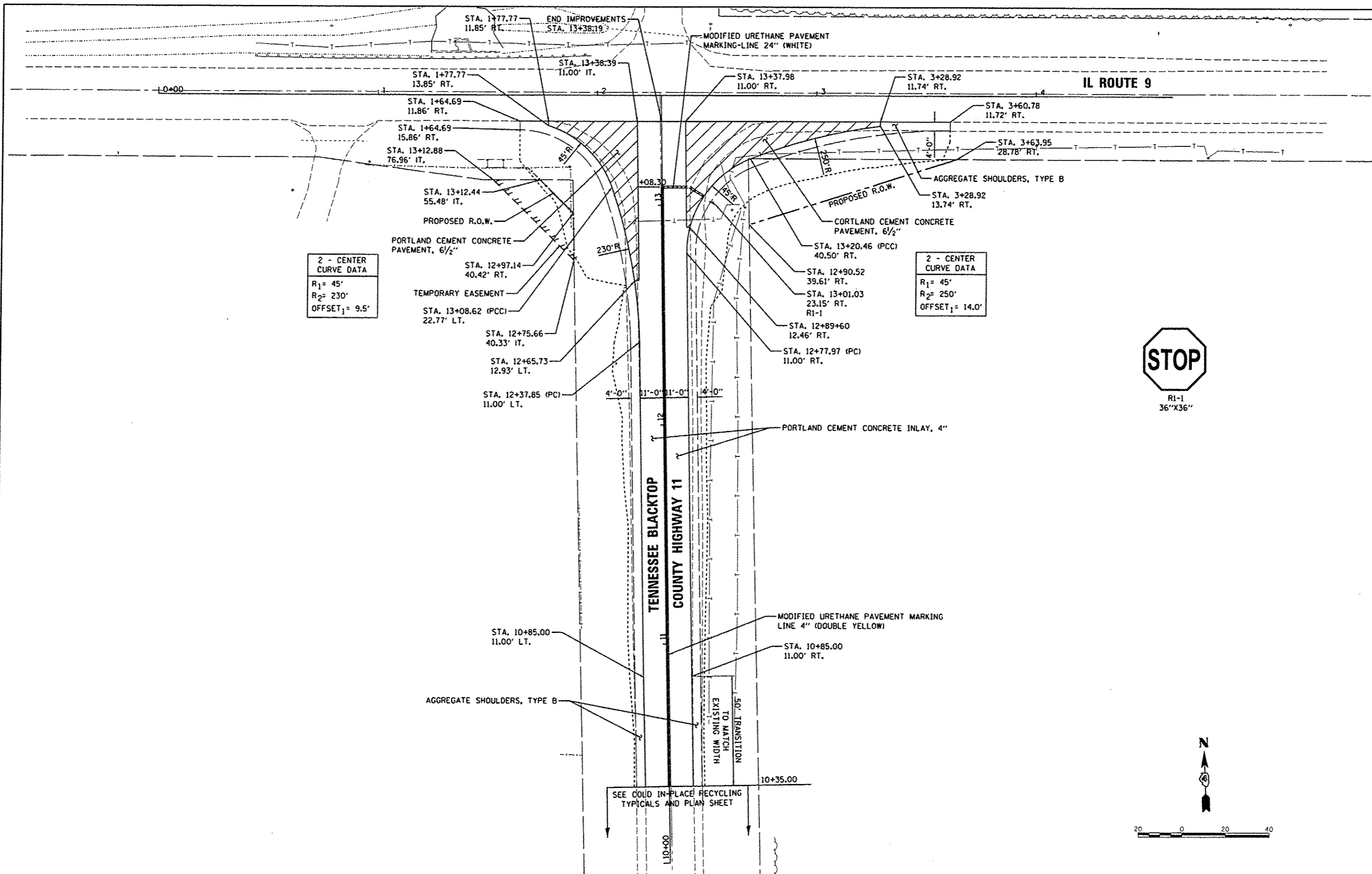
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| | | DATE - 1/21/2014 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TENNESSEE BLACKTOP (CH 11) & IL ROUTE 9 INTERSECTION
 REMOVAL PLAN**

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---|----------------|-----------|--------------------|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 11 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89607 | |
| | | | RS 1434 (106) | |



| | |
|----------|-----------|
| LAYOUT | 9/25/2013 |
| MOD | 1/17/2014 |
| DRAWN | RLA |
| REVIEWED | KNB |

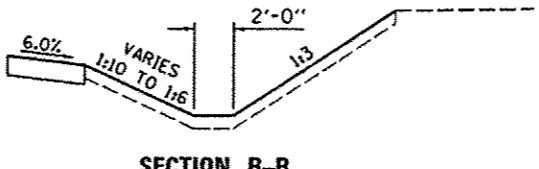
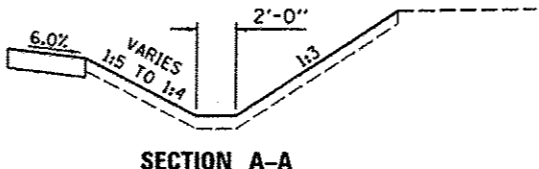
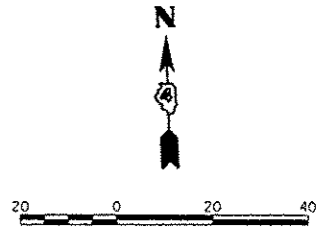
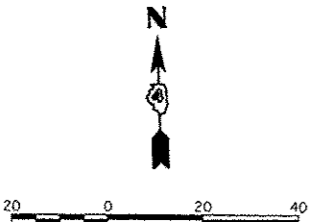
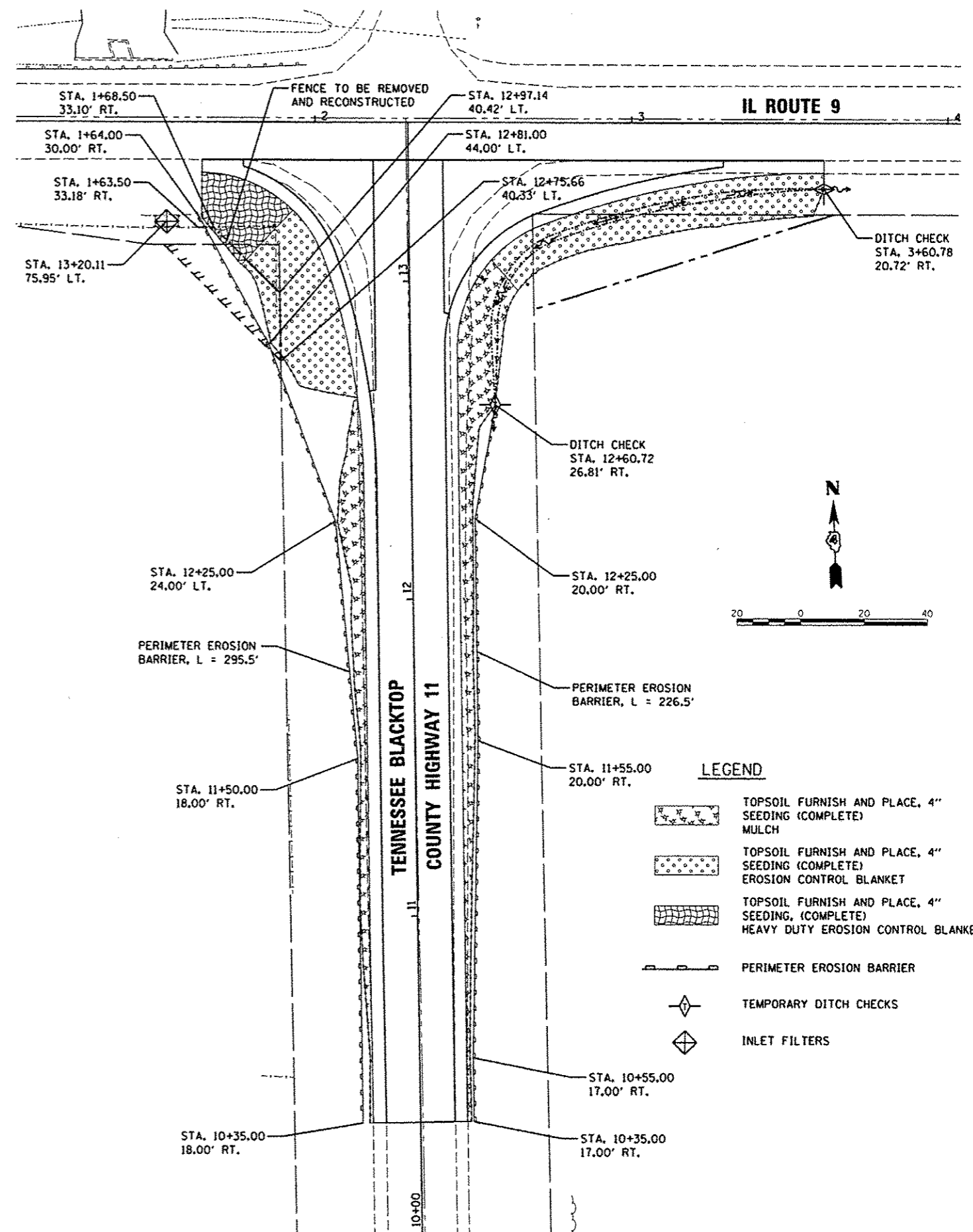
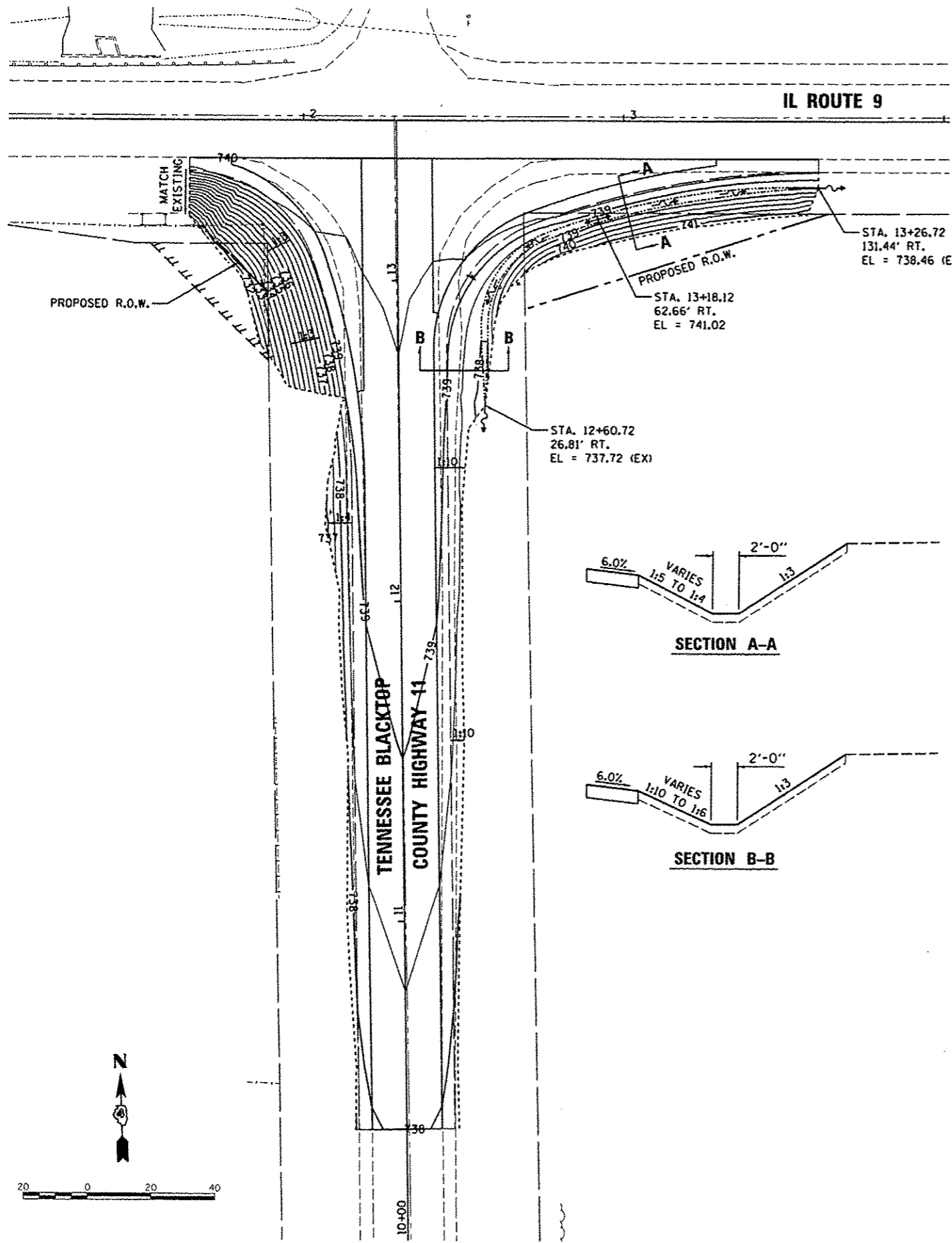
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| | | CHECKED - KNB | REVISED - |
| | | DATE - 1/21/2014 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TENNESSEE BLACKTOP (CH 11) & IL ROUTE 9 INTERSECTION
 ROADWAY PLAN**

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|--|------------------------|------------------|-----------------|--------------|
| F.A.S. RTE. 1434 | SECTION 11-00101-00-R5 | COUNTY McDONOUGH | TOTAL SHEETS 33 | SHEET NO. 12 |
| CONTRACT NO. 89607 | | | | |
| ILLINOIS FED. AID PROJECT RS 1434 (1061) | | | | |



- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4" SEEDING (COMPLETE) MULCH
 - TOPSOIL FURNISH AND PLACE, 4" SEEDING (COMPLETE) EROSION CONTROL BLANKET
 - TOPSOIL FURNISH AND PLACE, 4" SEEDING (COMPLETE) HEAVY DUTY EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECKS
 - INLET FILTERS

| | | |
|----------|-----|-----------|
| LAYOUT | MD | 9/25/2013 |
| DRAWN | RLA | 1/17/2014 |
| REVIEWED | KNS | 1/20/2014 |

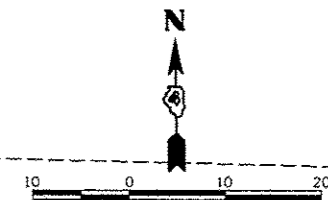
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| PLOT SCALE : | CHECKED : | DRAWN : | REVISED : |
| 1" = 39.9999' / 1" = 10' | KNB | RLA | - |
| PLOT DATE : | DATE : | REVISIONS : | REVISED : |
| 01/20/2014 | 1/21/2014 | | - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

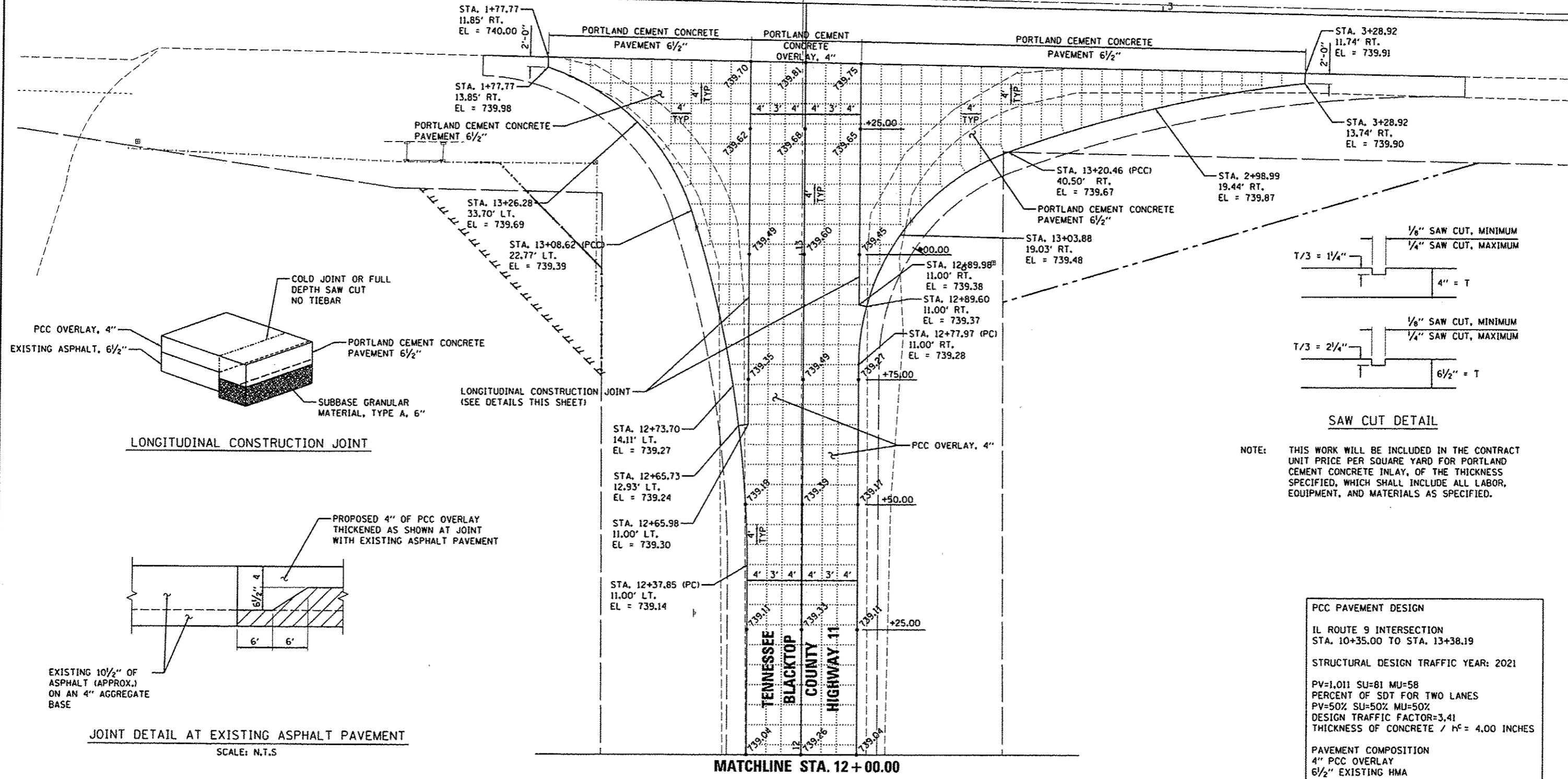
**TENNESSEE BLACKTOP (CH 11) & IL ROUTE 9 INTERSECTION
 SLOPE GRADING & EROSION CONTROL PLAN**

SCALE: 1"=10' SHEET NO. OF SHEETS STA. TO STA.

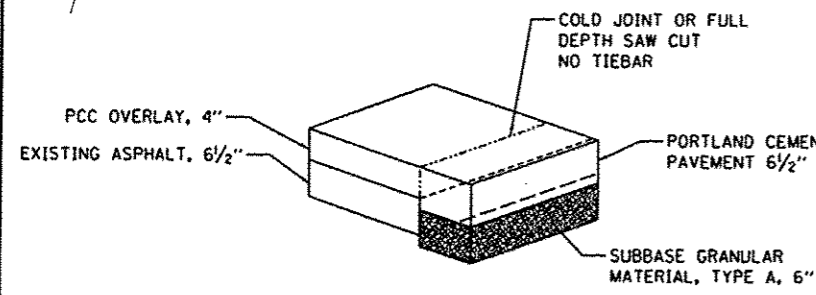
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| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 13 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89607 | |
| | | | RS 1434 (06) | |



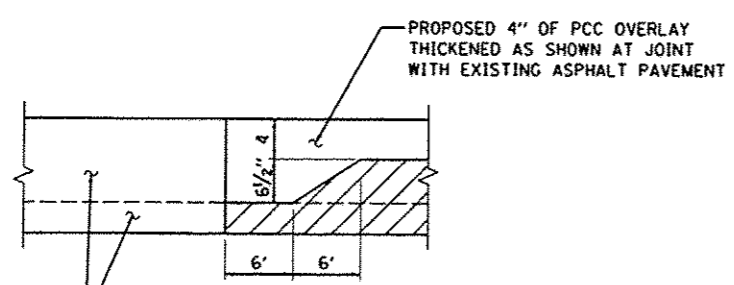
IL ROUTE 9



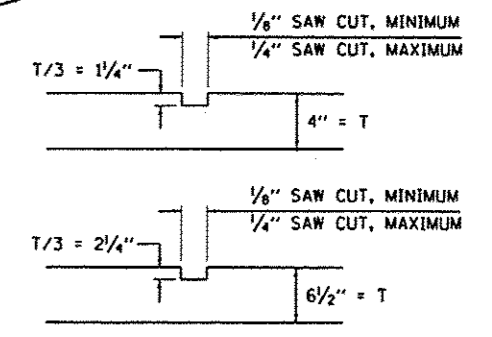
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LONGITUDINAL CONSTRUCTION JOINT



JOINT DETAIL AT EXISTING ASPHALT PAVEMENT
SCALE: N.T.S.



SAW CUT DETAIL

NOTE: THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PORTLAND CEMENT CONCRETE INLAY, OF THE THICKNESS SPECIFIED, WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS AS SPECIFIED.

PCC PAVEMENT DESIGN
 IL ROUTE 9 INTERSECTION
 STA. 10+35.00 TO STA. 13+38.19
 STRUCTURAL DESIGN TRAFFIC YEAR: 2021
 PV=1,011 SU=81 MU=58
 PERCENT OF SDT FOR TWO LANES
 PV=50% SU=50% MU=50%
 DESIGN TRAFFIC FACTOR=3.41
 THICKNESS OF CONCRETE / h^c = 4.00 INCHES
 PAVEMENT COMPOSITION
 4" PCC OVERLAY
 6 1/2" EXISTING HMA

MATCHLINE STA. 12+00.00

| | | |
|----------|-----|-----------|
| LAYOUT | MCD | 9/25/2013 |
| DRAWN | RLA | 1/17/2014 |
| REVIEWED | KNB | 1/20/2014 |

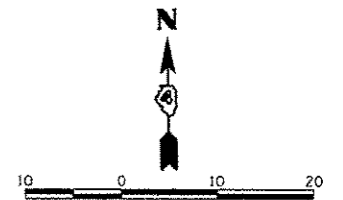
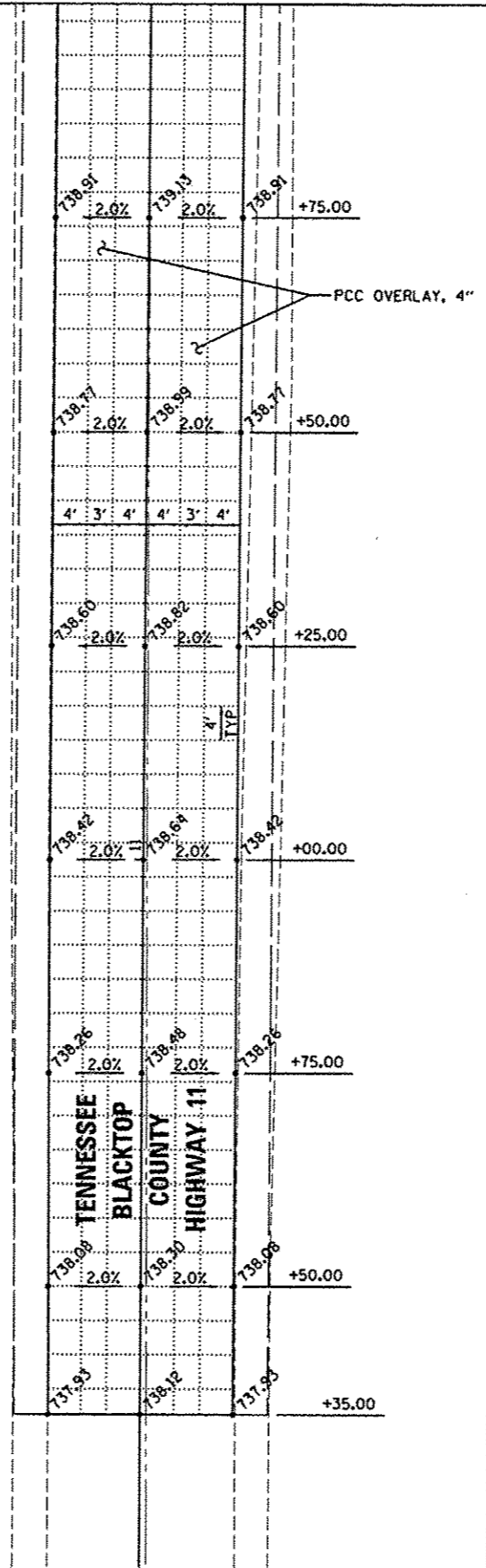
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| | | DATE - 1/21/2014 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|-----------|-----------|--------------|
| TENNESSEE BLACKTOP (CH 11) & IL ROUTE 9 INTERSECTION | | | |
| INTERSECTION GRADING AND JOINTING PLAN | | | |
| SCALE: 1"=10' | SHEET NO. | OF SHEETS | STA. TO STA. |

| | | | | |
|---------------------|----------------|-----------|---------------------------|---------------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | McDONOUGH | 33 | 14 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | RS 1434 (106) |
| | | | CONTRACT NO. 89607 | |

MATCHLINE STA. 12+00.00



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| | | |
|----------|-----|-----------|
| LAYOUT | MGD | 9/25/2013 |
| DRAWN | RLA | 1/17/2014 |
| REVIEWED | KIS | 1/20/2014 |

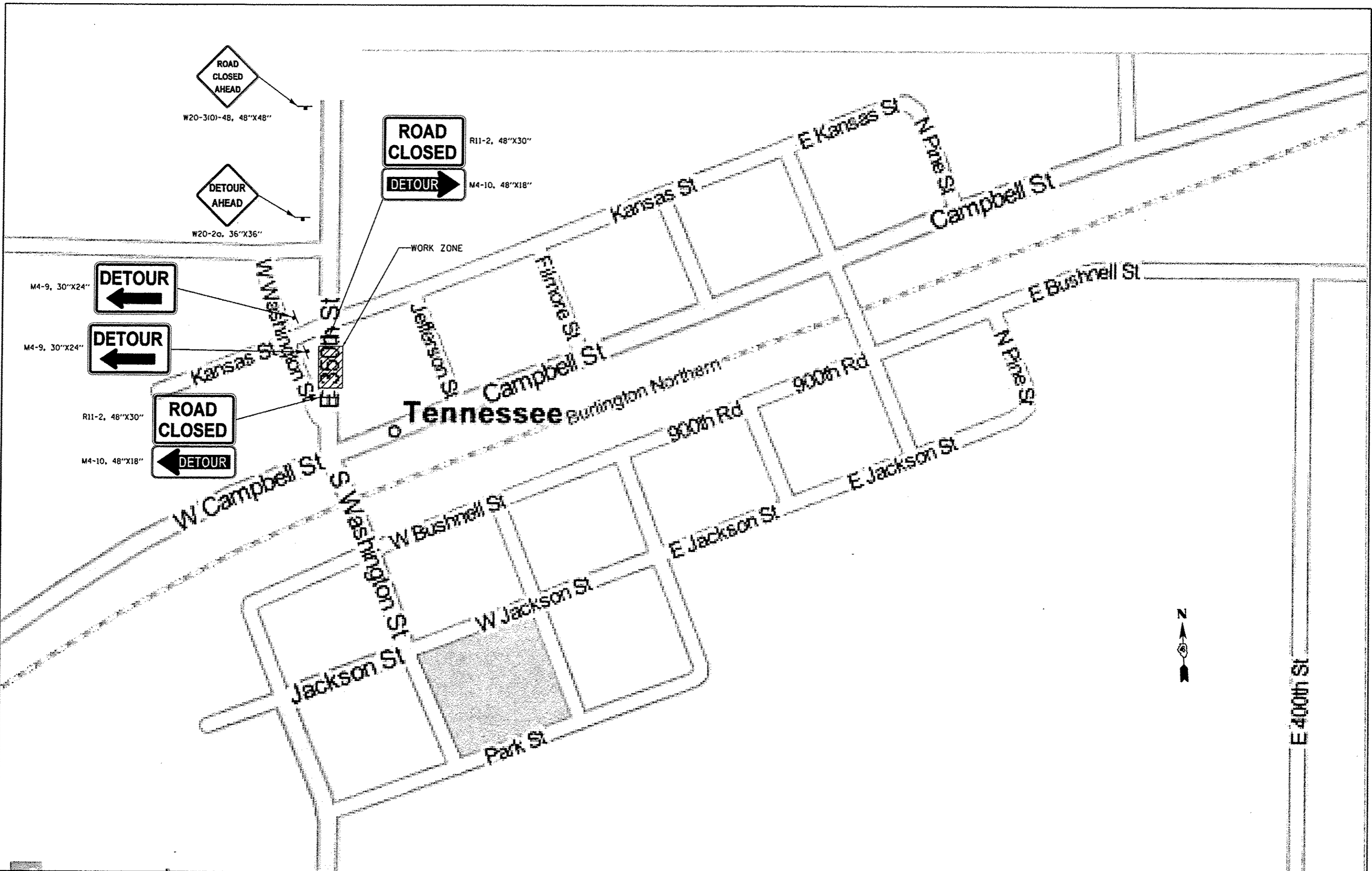
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| PLOT DATE = 01/20/2014 | DATE - 1/21/2014 | REVISED - | REVISED - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TENNESSEE BLACKTOP (CH 11) & IL ROUTE 9 INTERSECTION
 INTERSECTION GRADING AND JOINTING PLAN

SCALE: 1"=10' SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---|----------------|-----------|----------------------------------|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | McDONOUGH | 33 | 15 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89607 RS 1434 (106) | |



| | | |
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| LAYOUT | MOD | 9/25/2013 |
| DRAWN | RLA | 1/17/2014 |
| REVIEWED | KIB | 1/20/2014 |

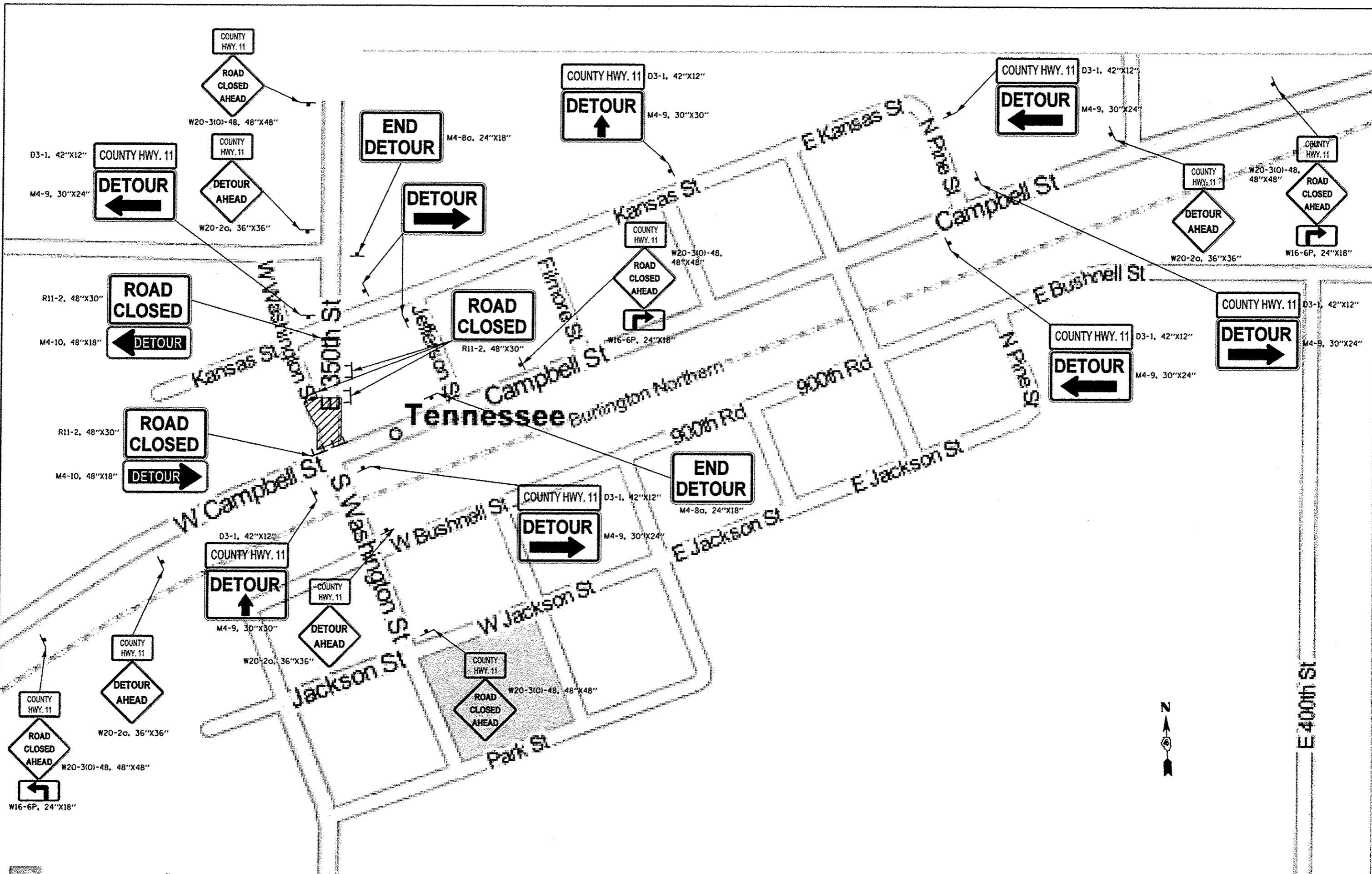
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| 39.9999 1/16" | KMB | RLA | - |
| PLOT DATE | DATE | CHECKED | REVISED |
| 8/20/2014 | 1/21/2014 | KMB | - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TENNESSEE BLACKTOP (CH 11) & US ROUTE 136 INTERSECTION
STAGE 1 CONSTRUCTION

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---------------------|---------------------------|--------------------|--------------|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-R5 | McDONOUGH | 33 | 16 |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. 89607 | | |
| | | RS 1434 (106) | | |



| | |
|----------|-----------|
| LAYOUT | 9/25/2013 |
| DRAWN | 1/17/2014 |
| REVIEWED | 1/20/2014 |
| DESIGNED | MCD |
| CHECKED | KNB |




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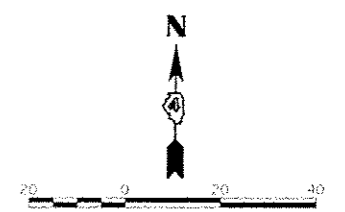
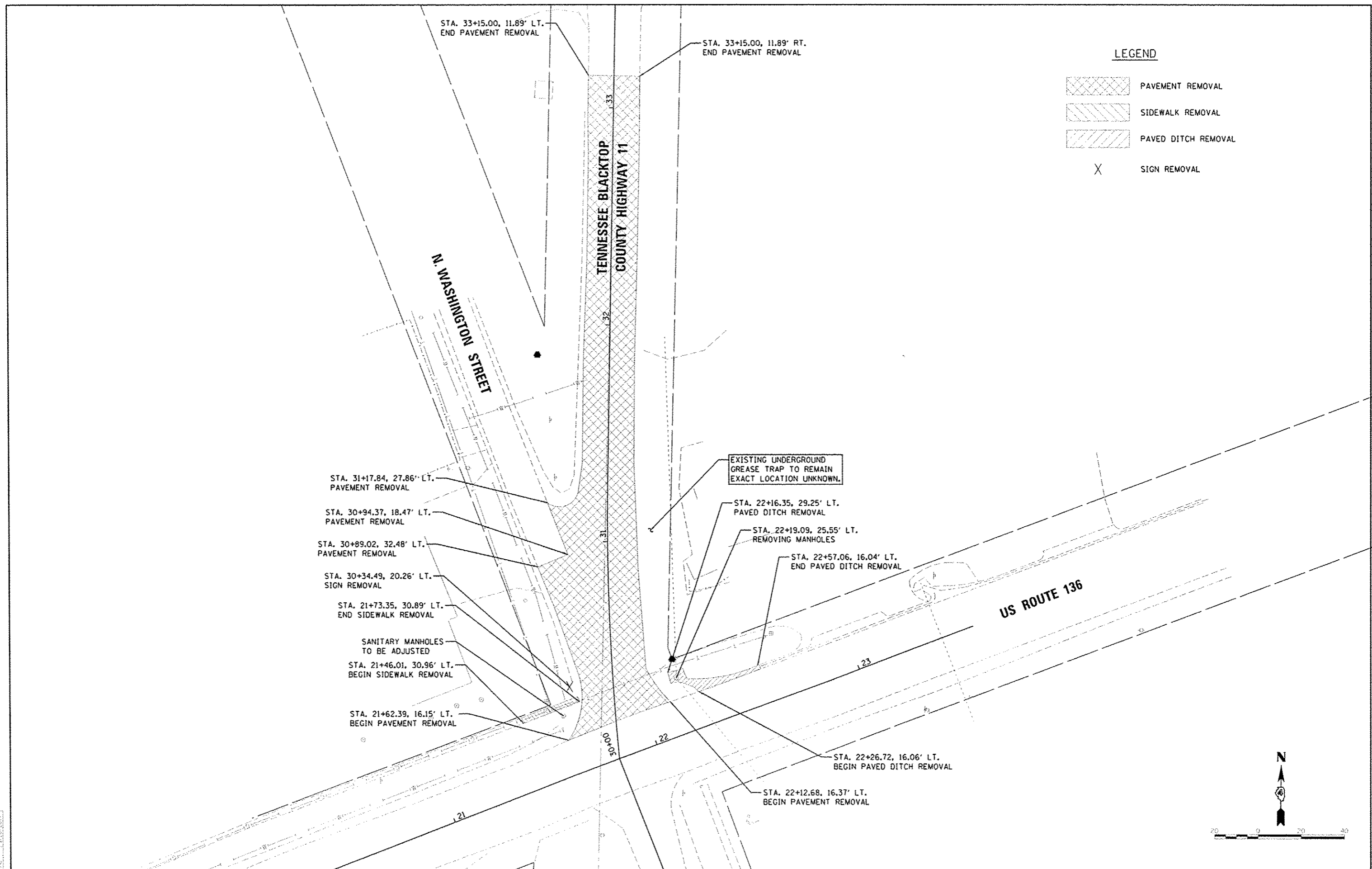
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
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| TENNESSEE BLACKTOP (CH 11) & US ROUTE 136 INTERSECTION | | | |
| STAGE 2 CONSTRUCTION | | | |
| SCALE: N/A | SHEET NO. | OF SHEETS | STA. TO STA. |

| | | | | |
|---|----------------|-----------|--------------|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | McDONOUGH | 33 | 17 |
| CONTRACT NO. 89607 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 85 1434 (106) | | | | |

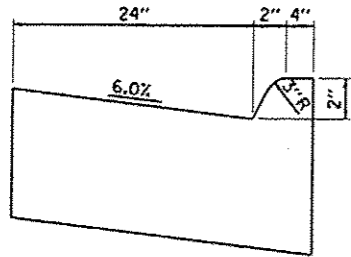
LEGEND

-  PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  PAVED DITCH REMOVAL
- X SIGN REMOVAL



| | | |
|----------|-----|-----------|
| CLASS | NO | DATE |
| DRAWN | RLA | 1/21/2014 |
| CHECKED | KNB | 1/21/2014 |
| DESIGNED | MGD | 1/21/2014 |

| | | | | | | | | | | | | |
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| 11-00101-00-RS | RLA | DRAWN | RLA | REVISED | | SCALE: 1"=20' | SHEET NO. OF SHEETS | 1434 | 11-00101-00-RS | McDONOUGH | 33 | 18 |
| DATE | CHECKED | DATE | DATE | DATE | | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | CONTRACT NO. 89607 | | RS 1434 11061 |
| 1/21/2014 | KNB | 1/21/2014 | 1/21/2014 | 1/21/2014 | | | | | | | | |



COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
(PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL))



| 2 - CENTER CURVE DATA | |
|-----------------------------|--|
| R ₁ = 30' | |
| R ₂ = 150' | |
| OFFSET ₁ = 10.2' | |

| 2 - CENTER CURVE DATA | |
|-----------------------------|--|
| R ₁ = 35' | |
| R ₂ = 225' | |
| OFFSET ₁ = 11.0' | |

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| | |
|----------|-----------|
| LAYOUT | 9/25/2013 |
| WDO | 1/17/2014 |
| DRAWN | RLA |
| REVIEWED | KNB |
| DATE | 1/20/2014 |

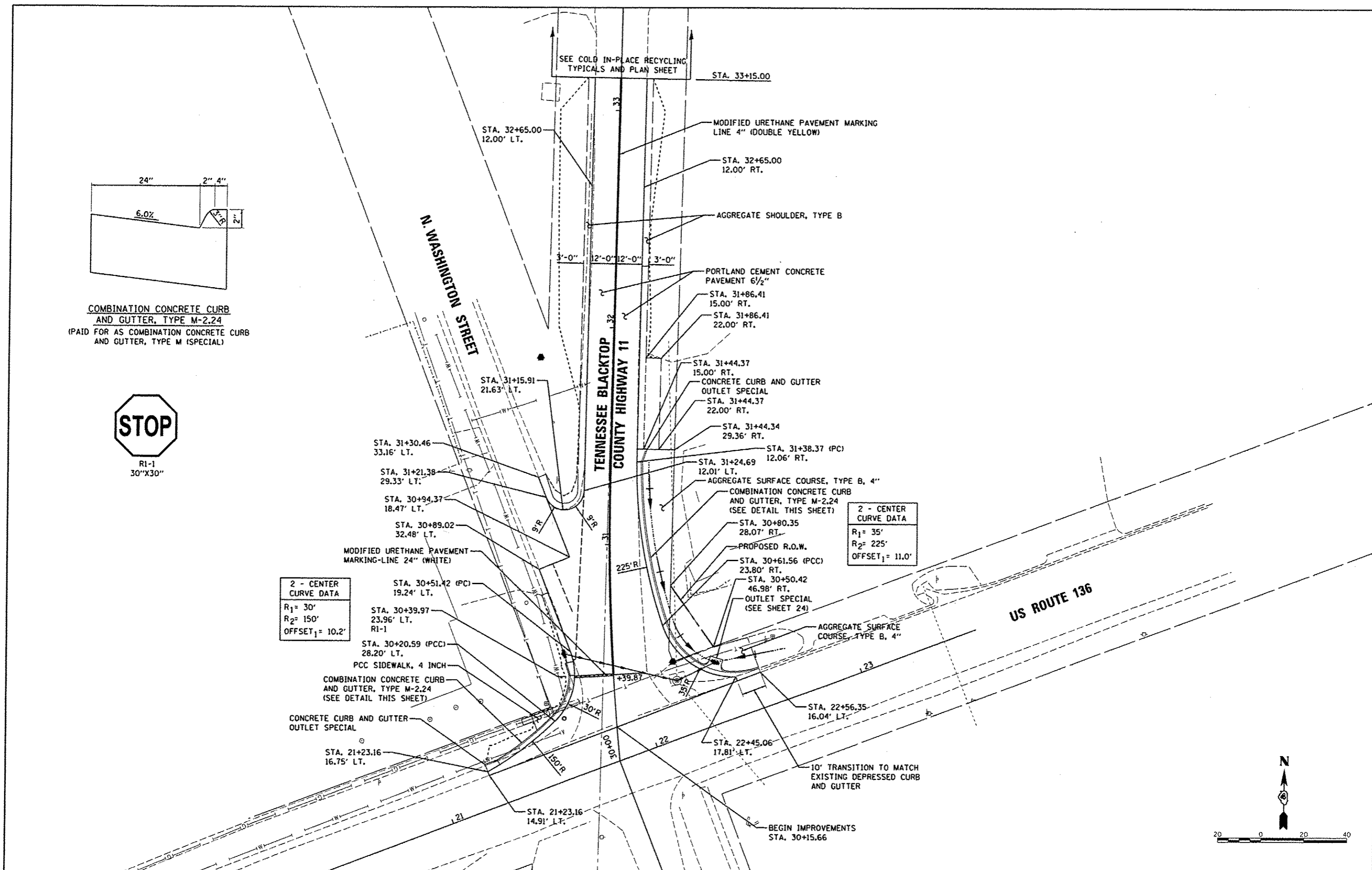
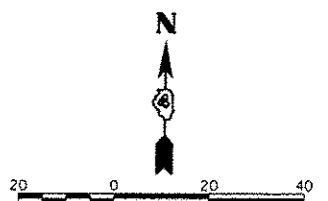
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| | | CHECKED - KNB | REVISED - |
| | | DATE - 1/21/2014 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TENNESSEE BLACKTOP (CH 11) & US ROUTE 136 INTERSECTION
ROADWAY PLAN**

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.




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| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | McDONOUGH | 33 | 19 |
| CONTRACT NO. 89607 | | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | RS 1434 0061 | | |

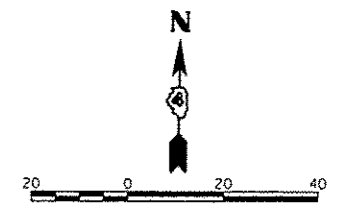
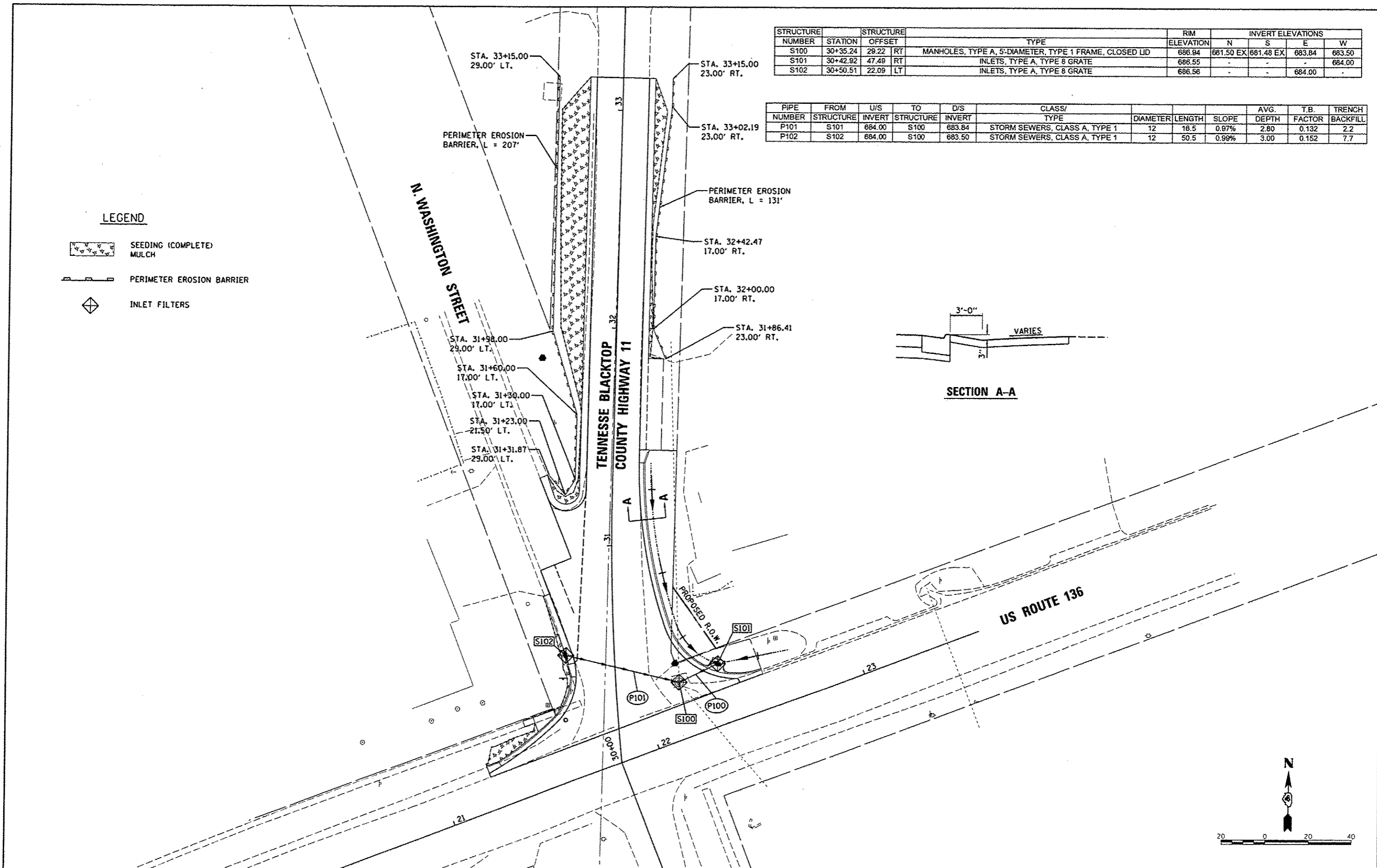
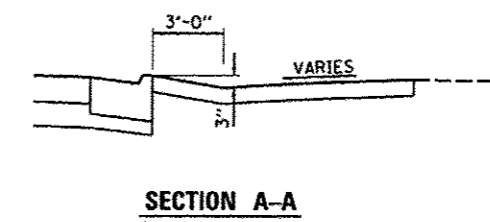


| STRUCTURE NUMBER | STATION | OFFSET | TYPE | RIM ELEVATION | INVERT ELEVATIONS | | | |
|------------------|----------|--------|------|---------------|-------------------|-----------|--------|--------|
| | | | | | N | S | E | W |
| S100 | 30+35.24 | 29.22 | RT | 686.94 | 681.50 EX | 681.48 EX | 683.84 | 683.50 |
| S101 | 30+42.92 | 47.49 | RT | 686.55 | - | - | - | 684.00 |
| S102 | 30+50.51 | 22.09 | LT | 686.56 | - | - | 684.00 | - |

| PIPE NUMBER | FROM STRUCTURE | U/S INVERT | TO STRUCTURE | D/S INVERT | CLASS/TYPE | DIAMETER | LENGTH | SLOPE | AVG. DEPTH | T.B. FACTOR | TRENCH BACKFILL |
|-------------|----------------|------------|--------------|------------|-------------------------------|----------|--------|-------|------------|-------------|-----------------|
| | | | | | | | | | | | |
| P102 | S102 | 684.00 | S100 | 683.50 | STORM SEWERS, CLASS A, TYPE 1 | 12 | 50.5 | 0.99% | 3.00 | 0.152 | 7.7 |

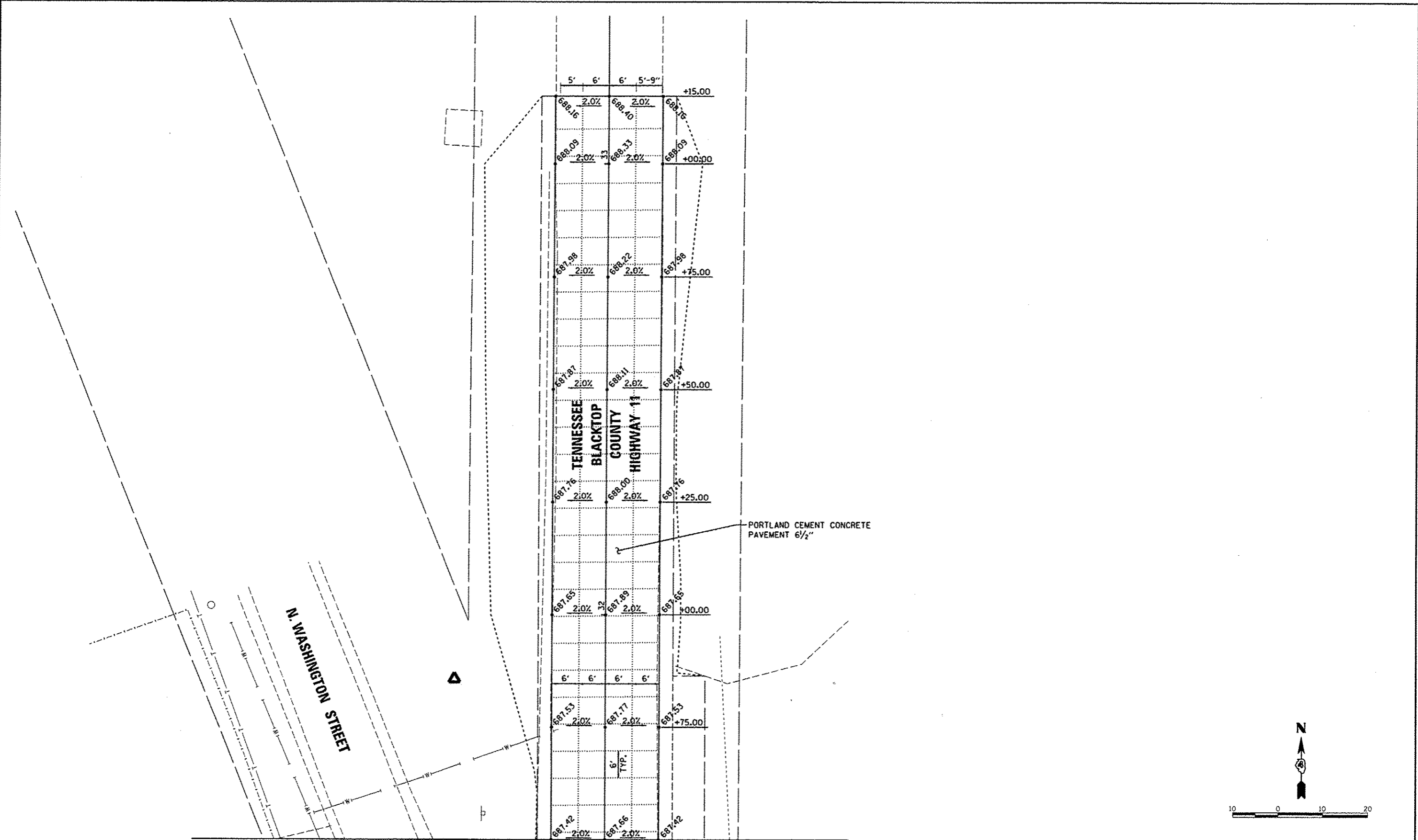
LEGEND

-  SEEDING (COMPLETE)
MULCH
-  PERIMETER EROSION BARRIER
-  INLET FILTERS



| | |
|----------|-----------|
| LAYOUT | 9/25/2013 |
| DRAWN | 1/17/2014 |
| REVIEWED | 1/20/2014 |

| | | | | | | | | | | |
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| FILE NAME = | USER NAME = mansk01398 | DESIGNED - MGD | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TENNESSEE BLACKTOP (CH 11) & US ROUTE 136 INTERSECTION DRAINAGE & EROSION CONTROL PLAN | F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| PLOT DATE = 8/12/2014 | DATE - 1/21/2014 | REVISED - | ILLINOIS FED. AID PROJECT RS 1434 (106) | | | | | | | |



MATCHLINE STA. 31 + 50.00

| | |
|----------|-----------|
| LAYOUT | 9/25/2013 |
| DRAWN | RLA |
| CHECKED | KNB |
| REVISION | 1/20/2014 |

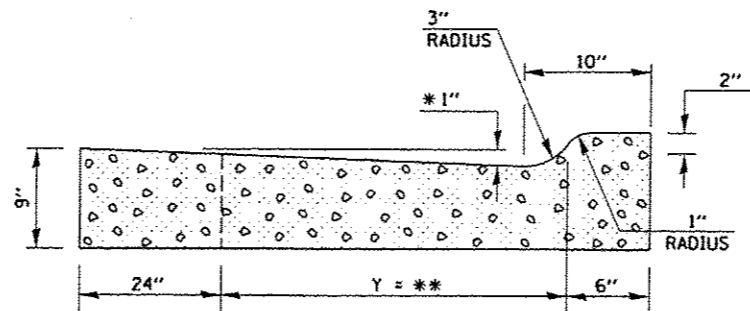
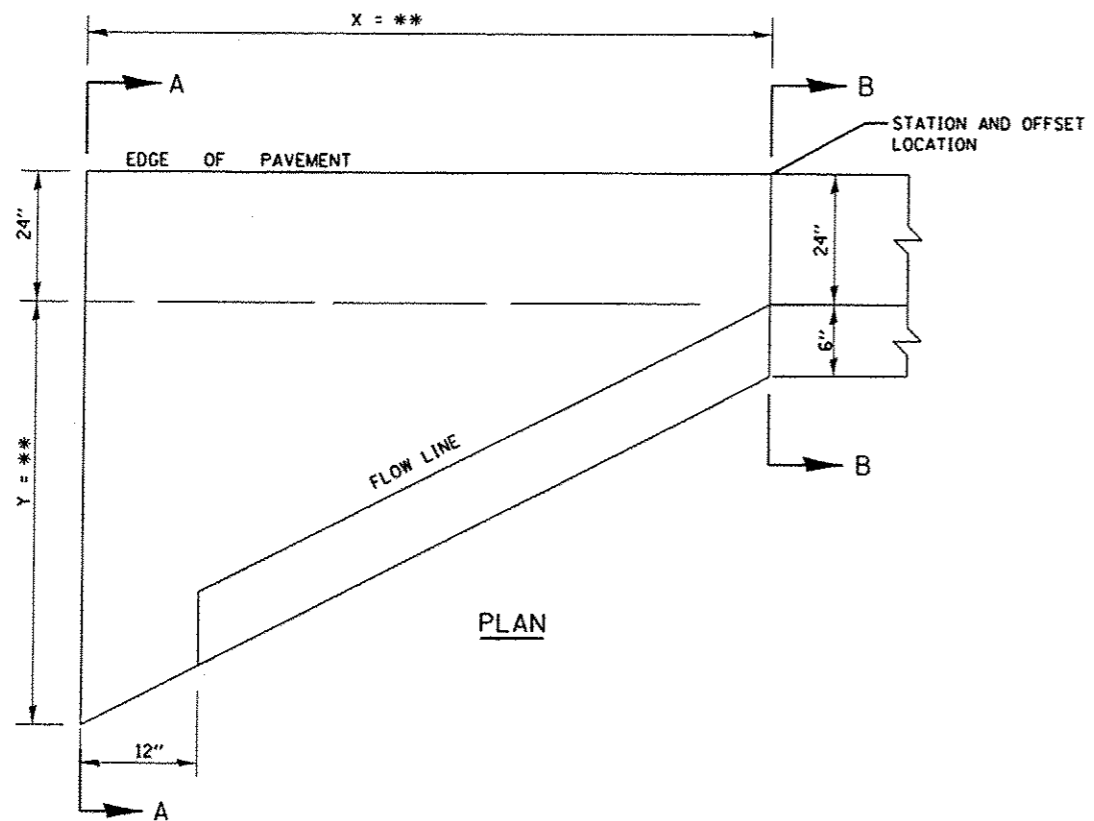
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| | | DATE - 1/21/2014 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

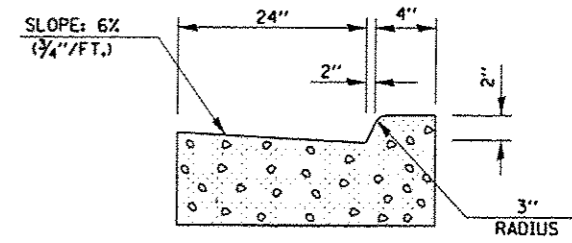
TENNESSEE BLACKTOP (CH 11) & US ROUTE 136 INTERSECTION
INTERSECTION GRADING AND JOINTING PLAN

SCALE: 1"=10' SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---|----------------|-----------|--------------------|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 22 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89607 | |
| | | | RS 1434 (106) | |



SECTION A-A



SECTION B-B

* INCREASE TO 2" (50 mm) WHERE IN THE PLANS IT IS SPECIFIED THAT THESE SPECIAL INLETS ARE TO BE CONSTRUCTED AS OUTLETS. ALL OUTLET LOCATIONS WILL BE CONFIRMED BY THE ENGINEER.
 ** SEE TABLE FOR EXACT DIMENSIONS BY LOCATIONS.

NOTES:

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR CURB AND GUTTER END OUTLET SPECIAL WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

| STATION | OFFSET | SIDE | X | Y |
|----------|--------|------|-------|-------|
| 21+29.53 | 17.89 | LT | 6'-0" | 1'-7" |
| 30+40.53 | 17.88 | LT | 6'-5" | 1'-9" |
| 31+38.27 | 12.06 | RT | 6'-0" | 2'-7" |

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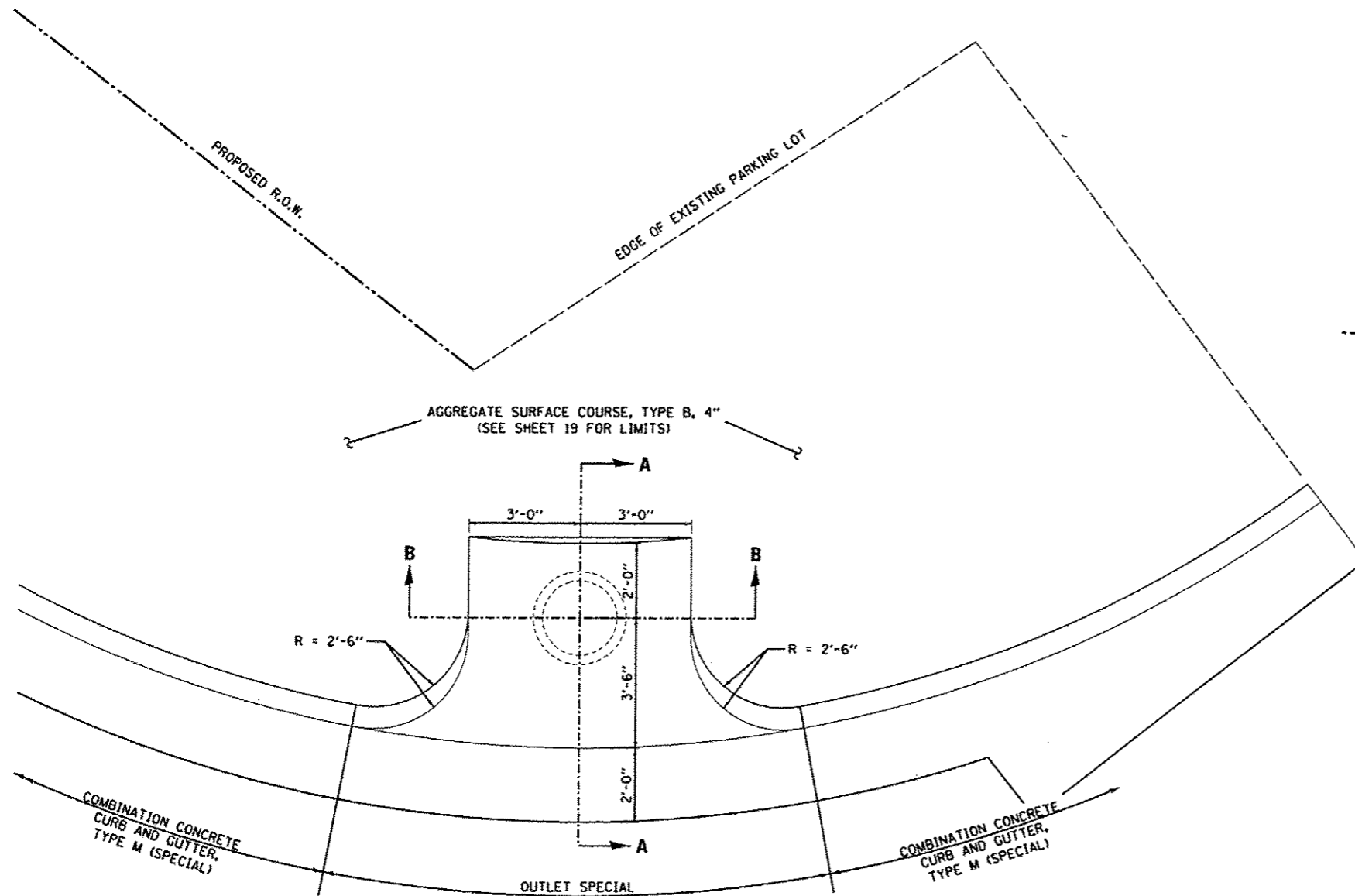
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|----------|-----------|
| LAYOUT | 9/25/2013 |
| DRAWN | 1/17/2014 |
| REVIEWED | 1/20/2014 |

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| | | CHECKED - KNB | REVISED - |
| | | DATE - 1/21/2014 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TENNESSEE BLACKTOP (CH 11) & US ROUTE 136 INTERSECTION
GUTTER OUTLET SPECIAL DETAILS

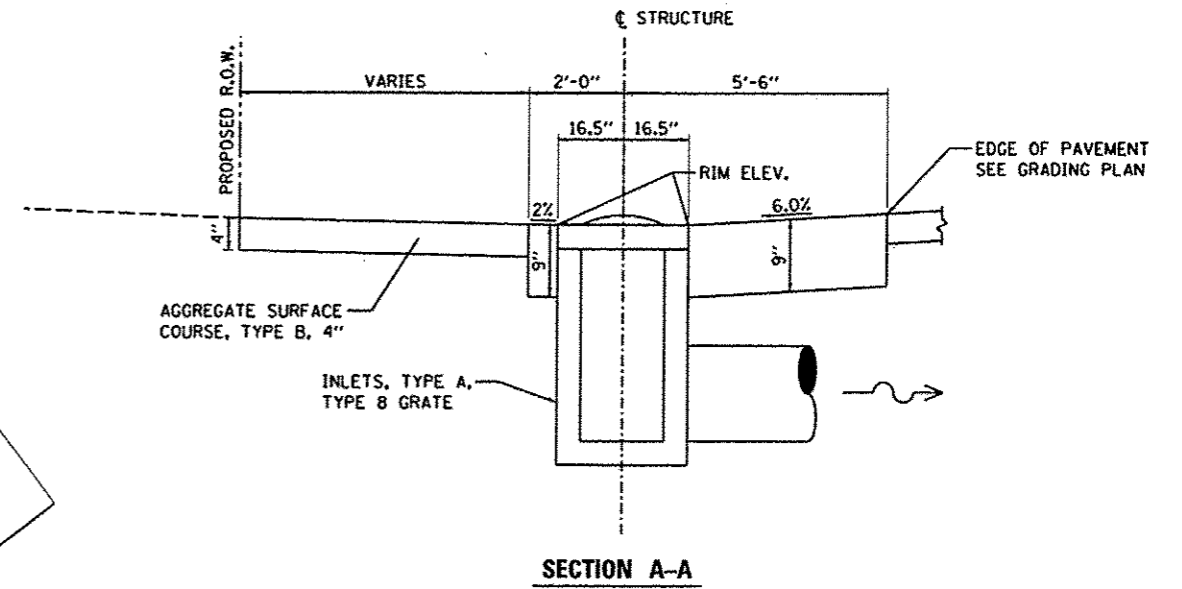
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| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | McDONOUGH | 33 | 23 |
| CONTRACT NO. 89607 | | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | RS 1434 (106) | | |



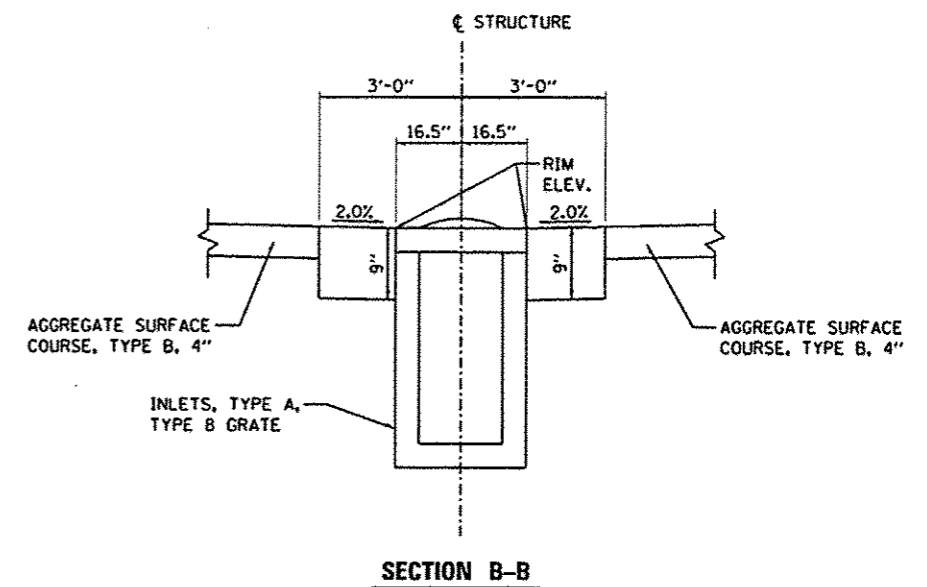
OUTLET SPECIAL - DETAIL

NOTES:

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWEL BAR CONFORMING TO ARTICLE 1006.11(b).
3. THIS WORK WILL BE PAID FOR AT THE CONTRACTOR UNIT PRICE PER EACH FOR OUTLET SPECIAL AND PER EACH FOR INLETS, TYPE A, TYPE B GRATE WHICH PRICES SHALL INCLUDE ALL LABOR AND MATERIAL AS SHOWN AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



SECTION A-A



SECTION B-B

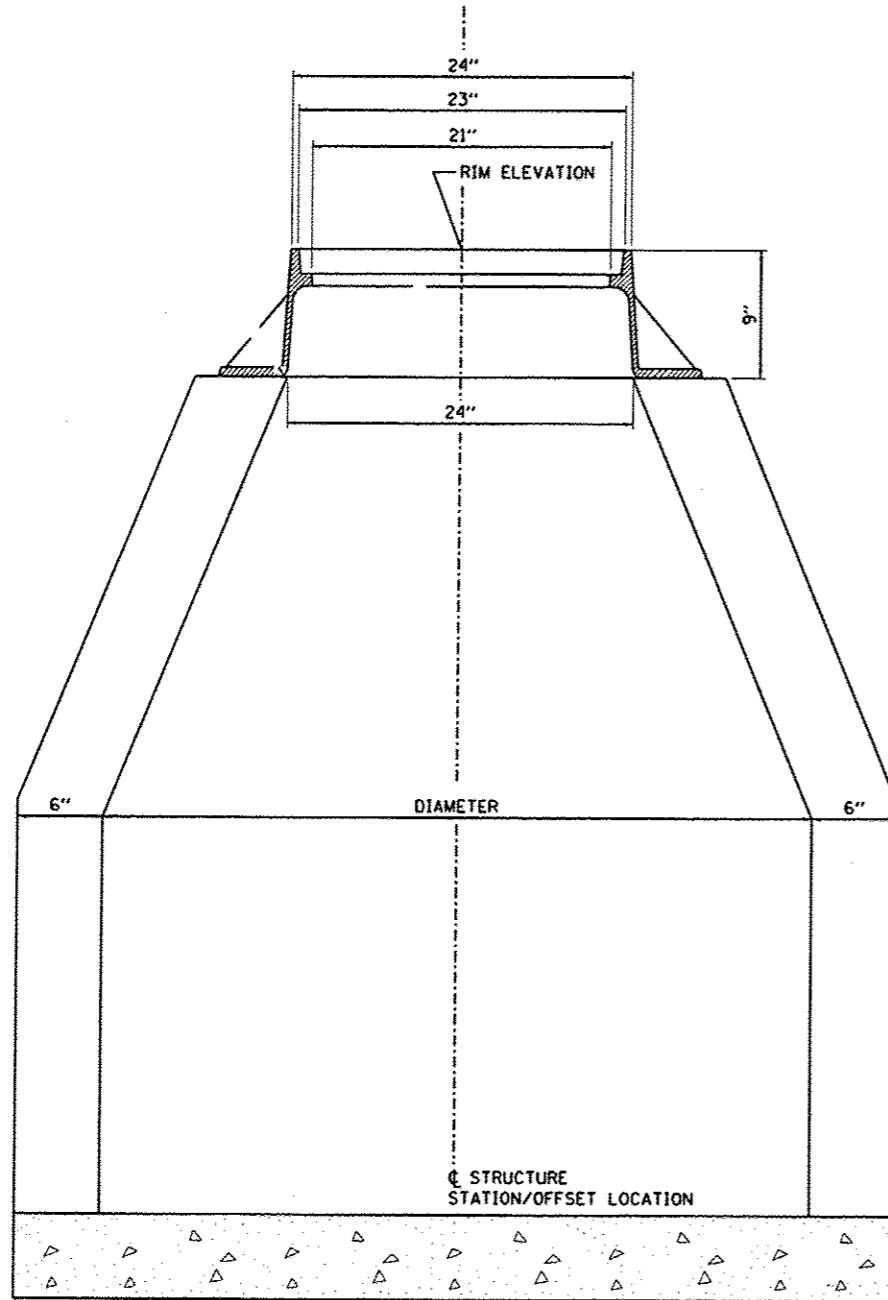
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| LAYOUT | MCD | 9/25/2013 |
| DRAWN | RLA | 1/17/2014 |
| REVIEWED | KNS | 1/20/2014 |

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| | | DATE - 1/21/2014 | REVISED - |

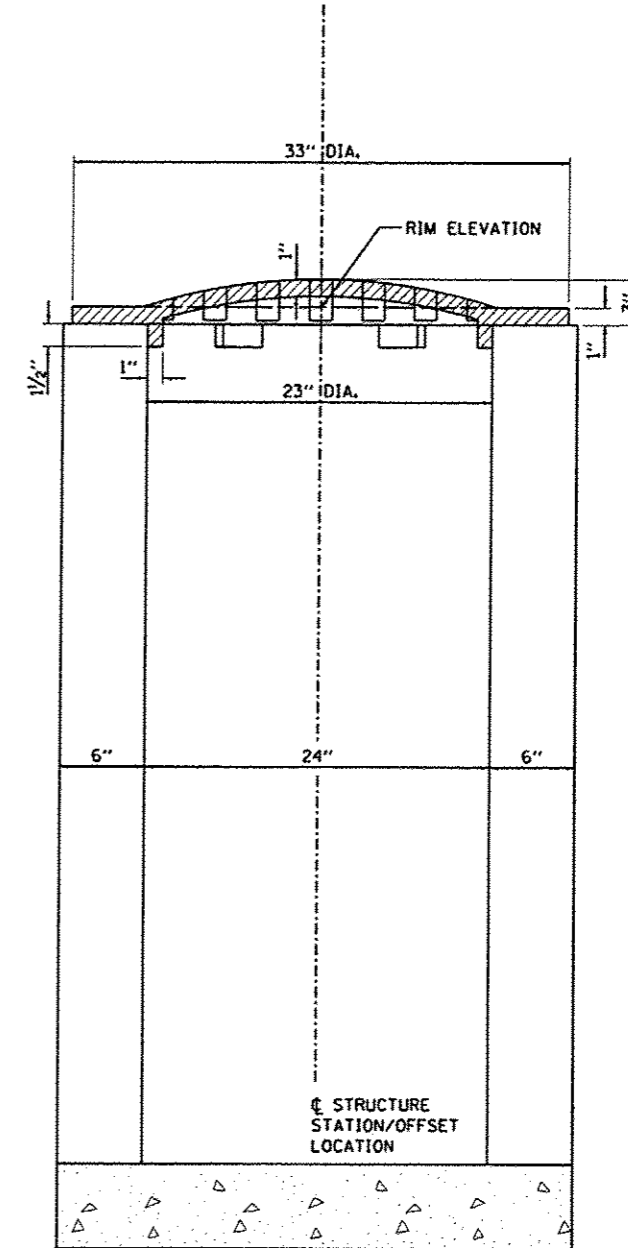
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TENNESSEE BLACKTOP (CH 11) & US ROUTE 136 INTERSECTION
 OUTLET SPECIAL DETAILS**

| | | | | | | | |
|------------|---------------------|--------------|---|------------------------|------------------|-----------------|--------------|
| SCALE: N/A | SHEET NO. OF SHEETS | STA. TO STA. | F.A.S. RTE. 1434 | SECTION 11-00101-00-RS | COUNTY McDONOUGH | TOTAL SHEETS 33 | SHEET NO. 24 |
| | | | CONTRACT NO. 89607 | | | | |
| | | | ILLINOIS FED. AID PROJECT RS 1434 (106) | | | | |



MANHOLE, TYPE A



INLET, TYPE A

NOTES:

1. DETAILS INCLUDED TO SHOW LOCATION OF RIM ELEVATIONS AND STATION/OFFSETS FOR EACH STRUCTURE TYPE. SEE IDOT STANDARD DRAWINGS FOR CONSTRUCTION OF STRUCTURES AND CASTINGS.

| | | |
|----------|-----|-----------|
| LAYOUT | MGD | 9/25/2013 |
| DRAWN | RLA | 1/17/2014 |
| REVIEWED | KNB | 1/20/2014 |

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| | | CHECKED - KNB | REVISED - |
| | | DATE - 1/21/2014 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TENNESSEE BLACKTOP (CH 11) & US ROUTE 136 INTERSECTION
 DRAINAGE STRUCTURE DETAILS**

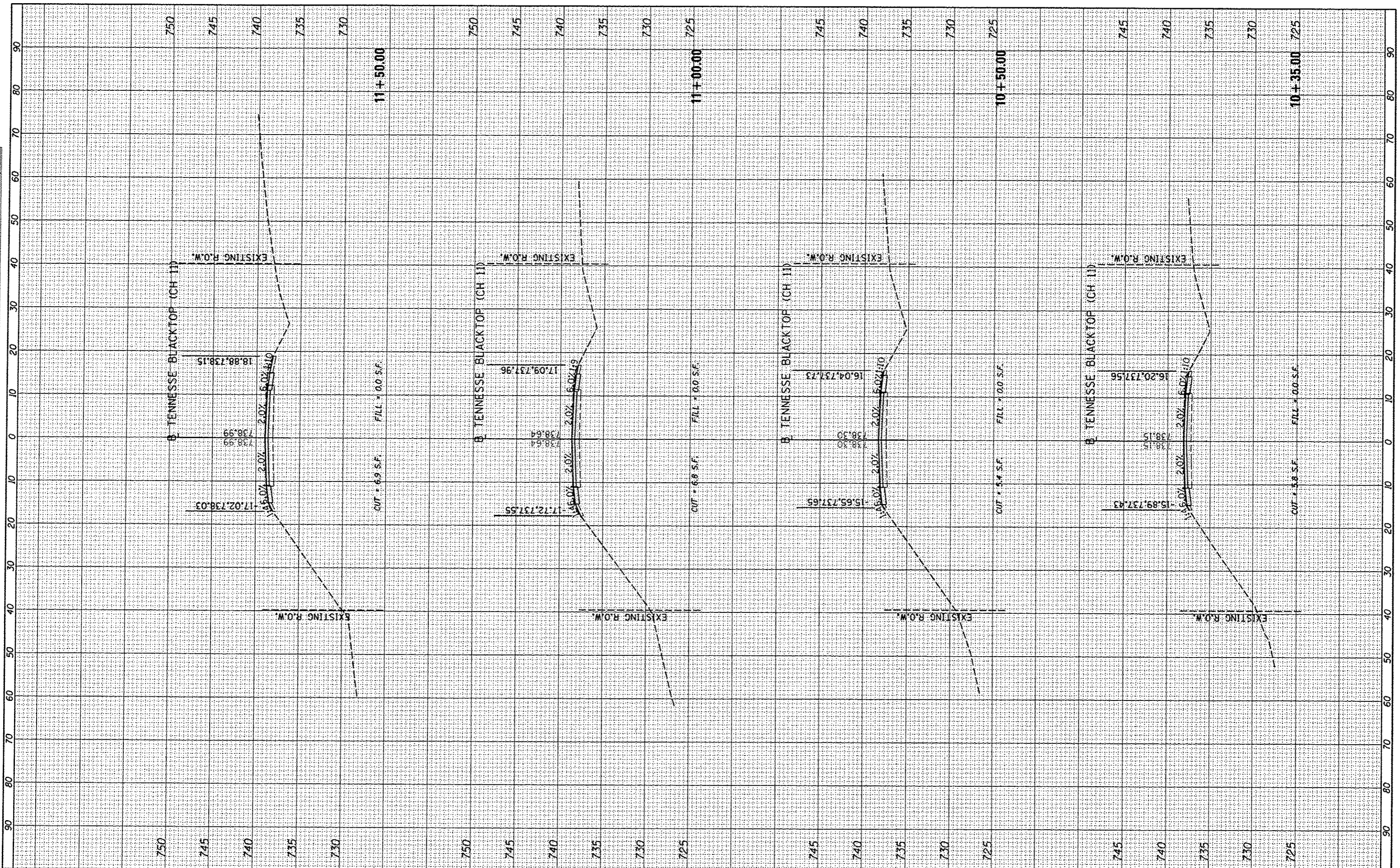
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| F.A.S. RTE. 1434 | SECTION 11-00101-00-RS | COUNTY McDONOUGH | TOTAL SHEETS 33 | SHEET NO. 25 |
| FED. ROAD DIST. NO. ILLINOIS | | FED. AID PROJECT | | RS 1434 (106) |

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| FINAL SURVEY | SURVEY | DATE |
| PLOTTED | PLOTTED | |
| NOTE BOOK | NOTE BOOK | |
| AREAS CHECKED | AREAS CHECKED | |



| | | |
|-----------------|---------------|------|
| ORIGINAL SURVEY | SURVEY | DATE |
| PLOTTED | PLOTTED | |
| NOTE BOOK | NOTE BOOK | |
| AREAS CHECKED | AREAS CHECKED | |



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 PLOT DATE: 01/20/2014

DESIGNED - MGD
 DRAWN - MGD
 CHECKED - KNB
 DATE - 1/21/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TENNESSEE BLACKTOP (CH 11) AT IL ROUTE 9 INTERSECTION
 CROSS SECTIONS**

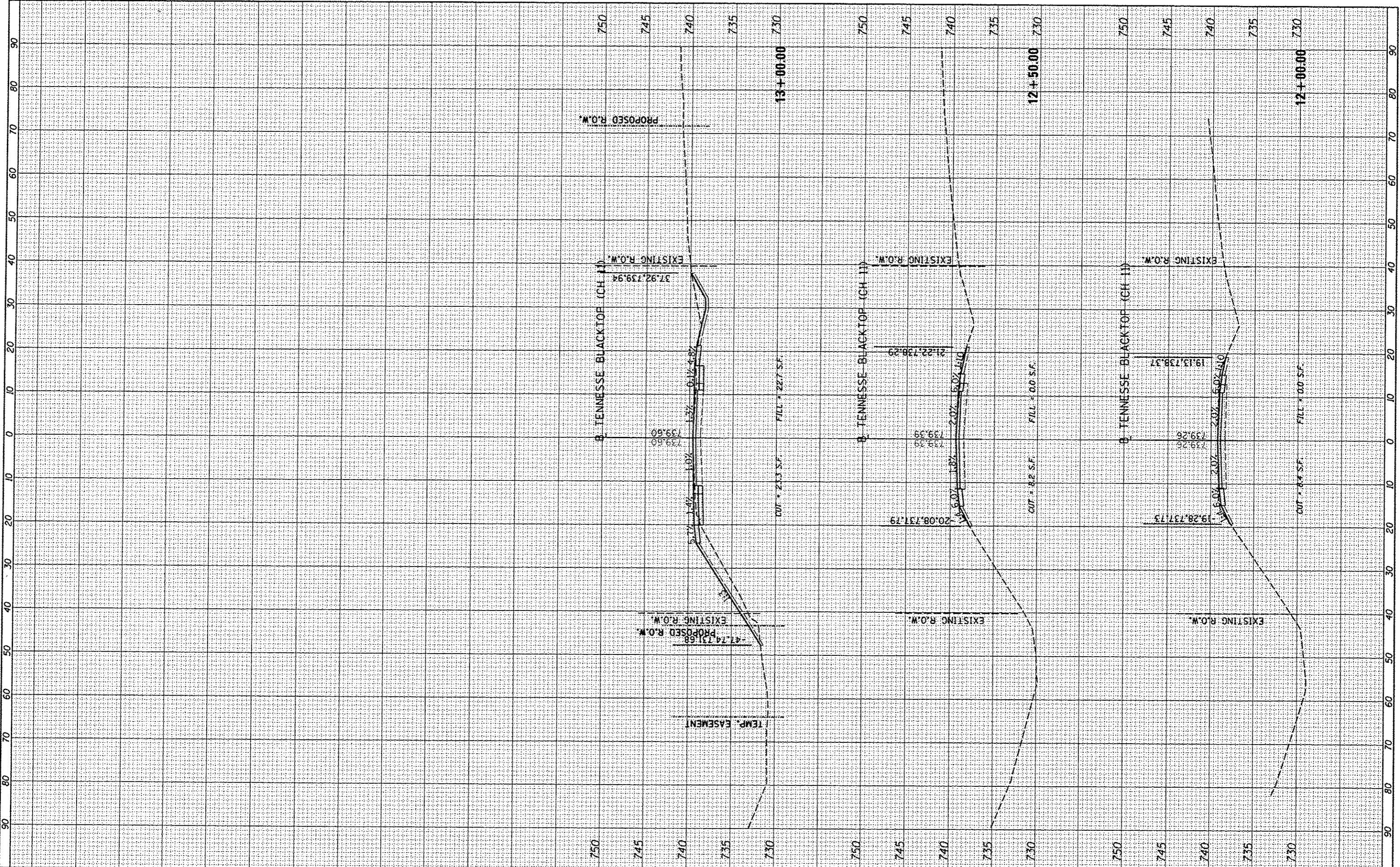
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| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 26 |
| CONTRACT NO. 89607 | | | ILLINOIS FED. AID PROJECT RS 1434 (106) | |

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| SURVEYED | BY |
| NOTED | |
| AREAS CHECKED | |
| NO. | |

| | |
|-----------------|------|
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| SURVEYED | BY |
| NOTED | |
| AREAS CHECKED | |
| NO. | |

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| DRAWN - MGD | REVISED - |
| CHECKED - KNB | REVISED - |
| DATE - 1/21/2014 | REVISED - |

| |
|------------------------------|
| STATE OF ILLINOIS |
| DEPARTMENT OF TRANSPORTATION |

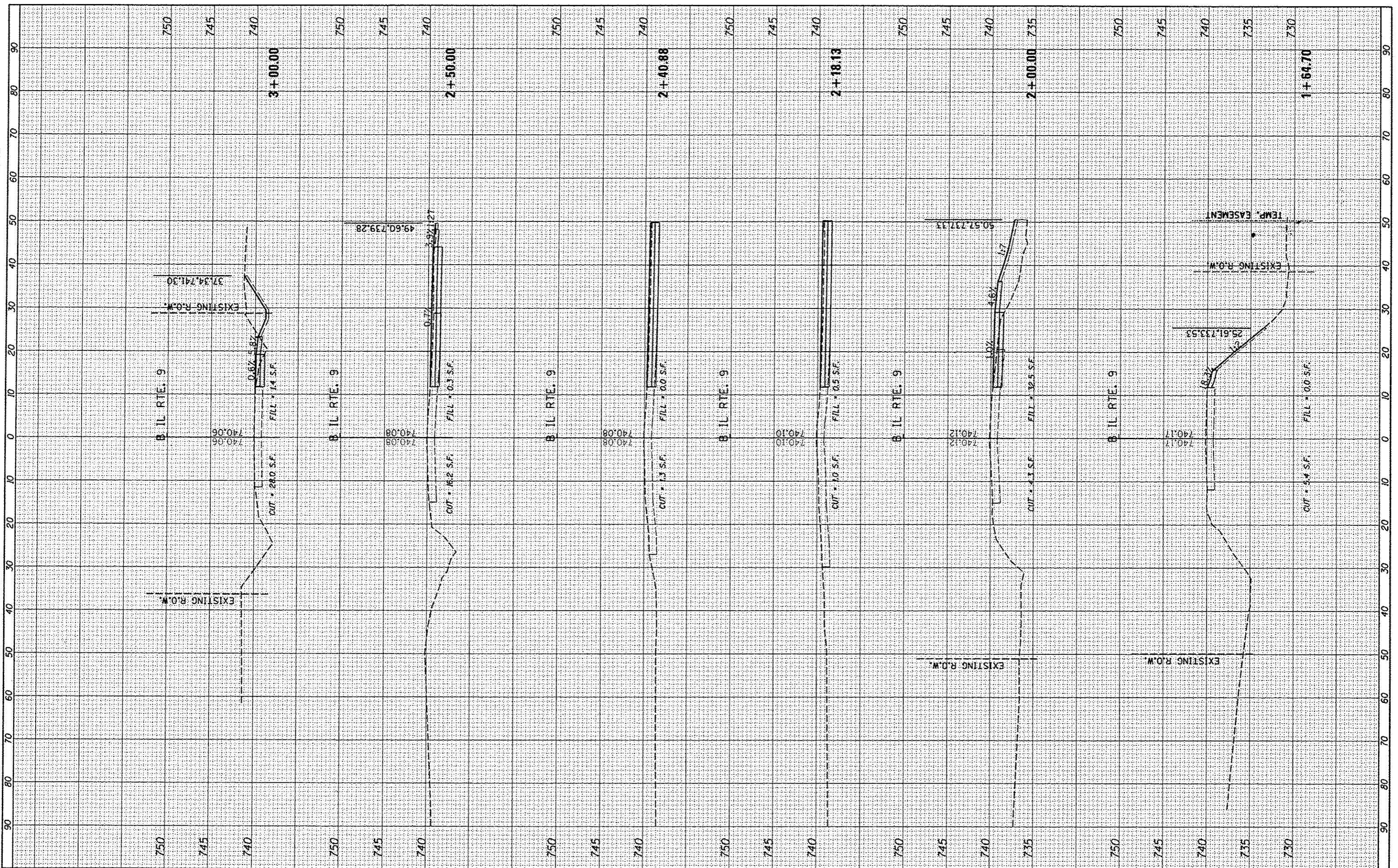
| | |
|---|--|
| TENNESSEE BLACKTOP (CH 11) AT IL ROUTE 9 INTERSECTION | |
| CROSS SECTIONS | |
| SCALE: | SHEET OF SHEETS STA. 12+00.00 TO STA. 13+00.00 |

| | | | | |
|---|----------------|-----------|--------------|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1435 | 11-00101-00-RS | MCDONOUGH | 33 | 27 |
| CONTRACT NO. 89607 | | | | |
| ILLINOIS FED. AID PROJECT RS 1434 (106) | | | | |

| | | | |
|-----------|---------------|----|------|
| FINAL | SURVEYED | BY | DATE |
| SHEET | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |



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| ORIGINAL | DATE |
| SHEET | |
| NOTE BOOK | |
| NO. | |



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 PLOT DATE: 01/20/2014

DESIGNED - MGD
 DRAWN - MGD
 CHECKED - KNB
 DATE - 1/21/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

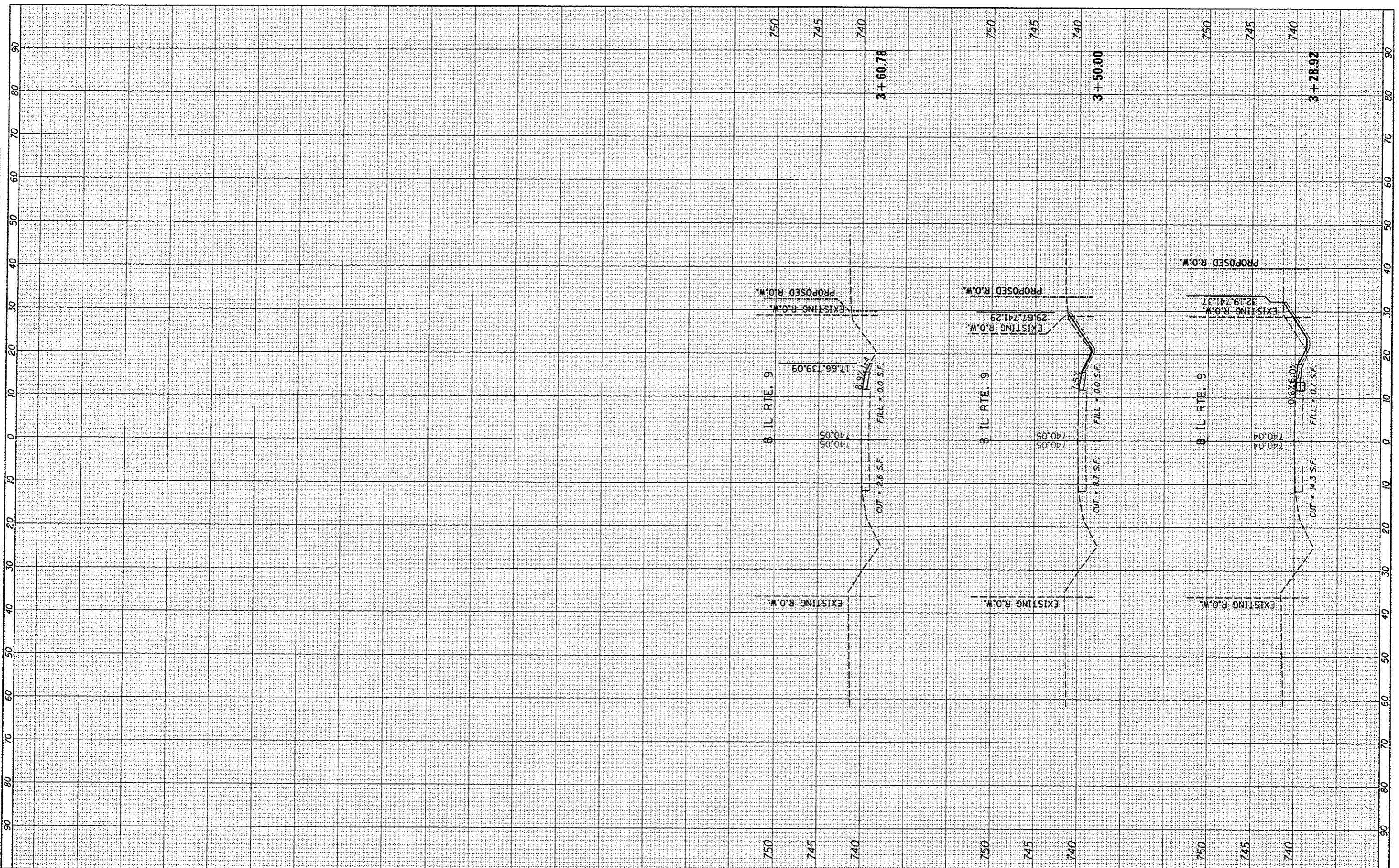
**IL ROUTE 9 INTERSECTION
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 1+64.70 TO STA. 3+00.00

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|-----------|--------------|-----------|
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 28 |
| CONTRACT NO. 89607 | | | | |
| ILLINOIS FED. AID PROJECT RS 1434 11061 | | | | |

| | |
|---------------|--|
| DATE | |
| BT | |
| SUBMITTED | |
| PLOTTED | |
| REVISIONS | |
| AREAS CHECKED | |
| NO. | |

| | |
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| DATE | |
| BT | |
| SUBMITTED | |
| PLOTTED | |
| REVISIONS | |
| AREAS CHECKED | |
| NO. | |



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 PLOT DATE * 01/20/2014

DESIGNED - MGD
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 CHECKED - KNB
 DATE - 1/21/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 9 INTERSECTION
 CROSS SECTIONS**

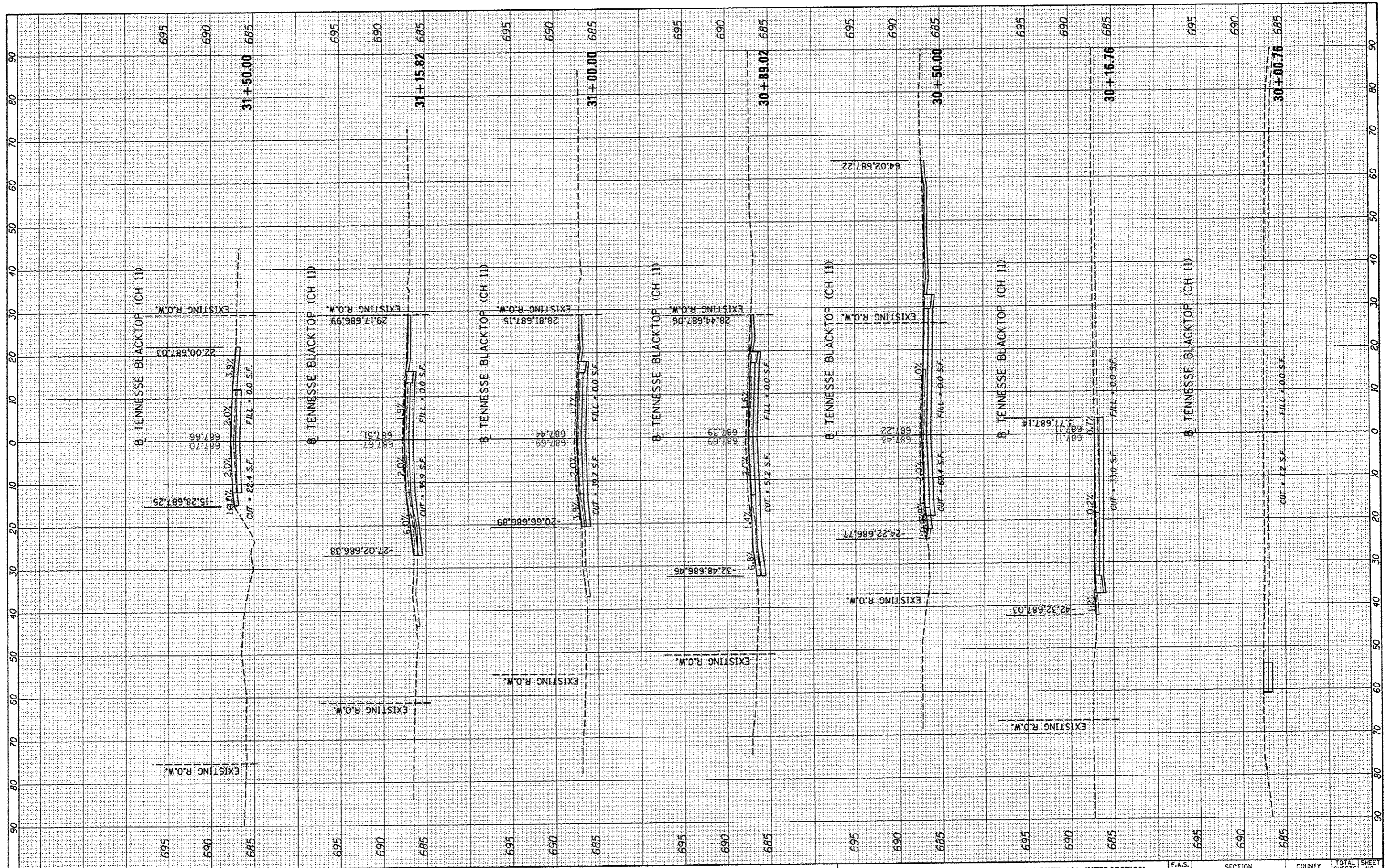
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| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|-----------|--|-----------|
| 1435 | 11-00101-00-RS | MCDONOUGH | 33 | 29 |
| CONTRACT NO. B9607 | | | ILLINOIS FED. AID PROJECT RS 1434 (06) | |

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|---------------|------|
| FINAL SURVEY | DATE |
| CONVERTED | |
| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| AREAS CHECKED | |



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|-----------------|------|
| ORIGINAL SURVEY | DATE |
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| PLOTTED | |
| TEMPLATE | |
| AREAS | |
| AREAS CHECKED | |



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 PLOT DATE: 01/20/2014

DESIGNED - MGD
 DRAWN - MGD
 CHECKED - KNB
 DATE - 1/21/2014

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TENNESSEE BLACKTOP (CH 11) AT US ROUTE 136 INTERSECTION
 CROSS SECTIONS

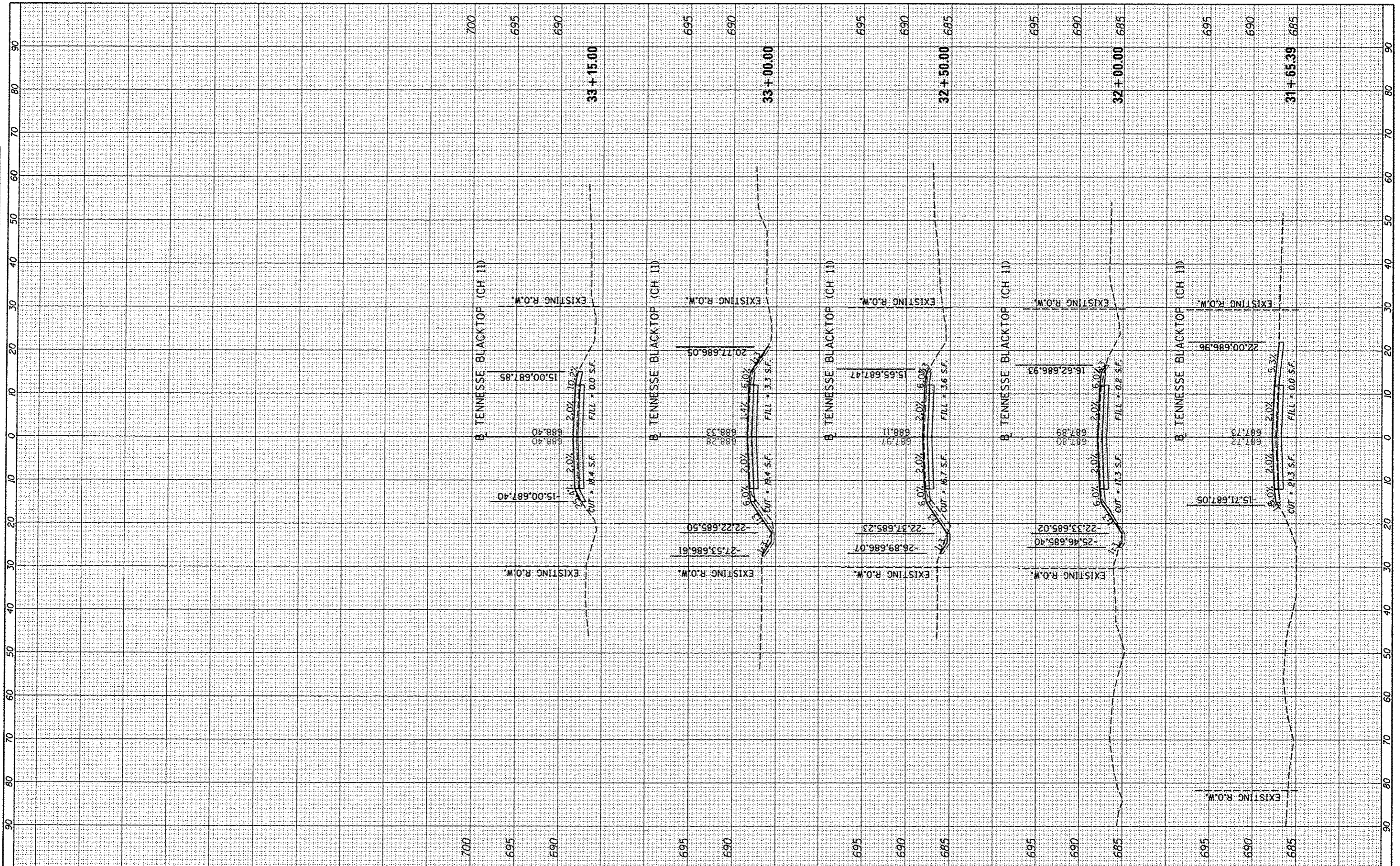
SCALE: SHEET OF SHEETS STA. 30+00.76 TO STA. 31+50.00

| | | | | |
|--------------------|----------------|-----------|--|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 30 |
| CONTRACT NO. B9607 | | | ILLINOIS FED. AID PROJECT RS 1434 (06) | |

| | | | |
|---------------|---------------|----|------|
| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| | AREAS CHECKED | | |



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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
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| | AREAS CHECKED | | |



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 PLOT DATE = 01/20/2014

DESIGNED - MGD
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 CHECKED - KNB
 DATE - 1/21/2014

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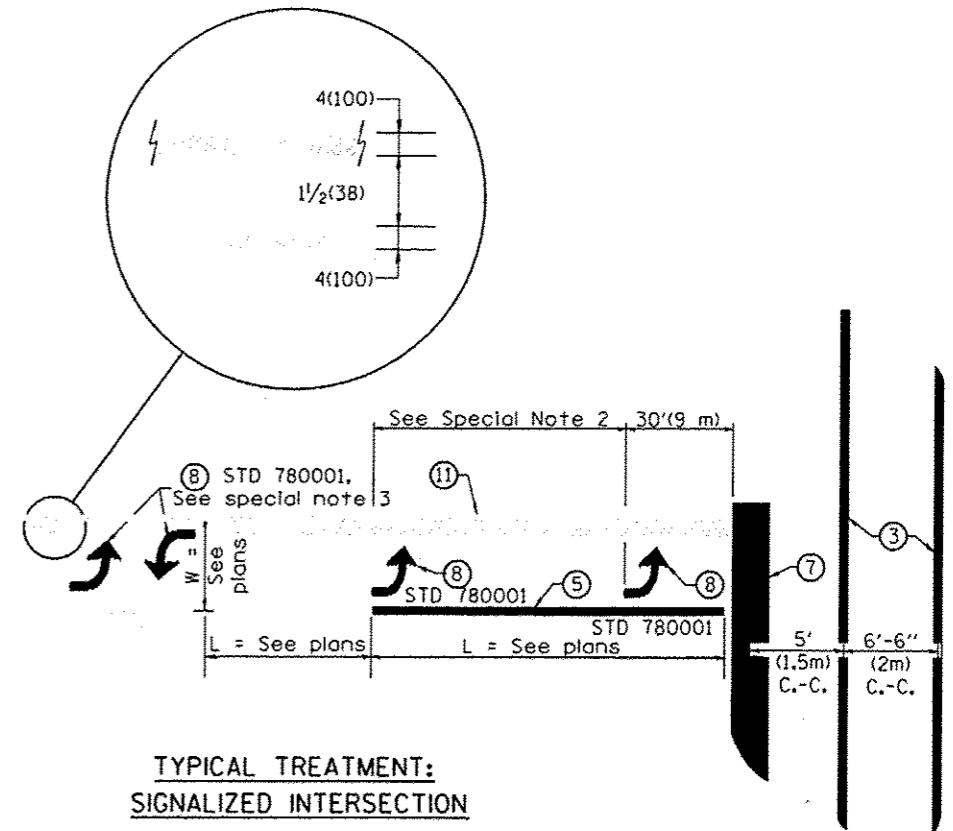
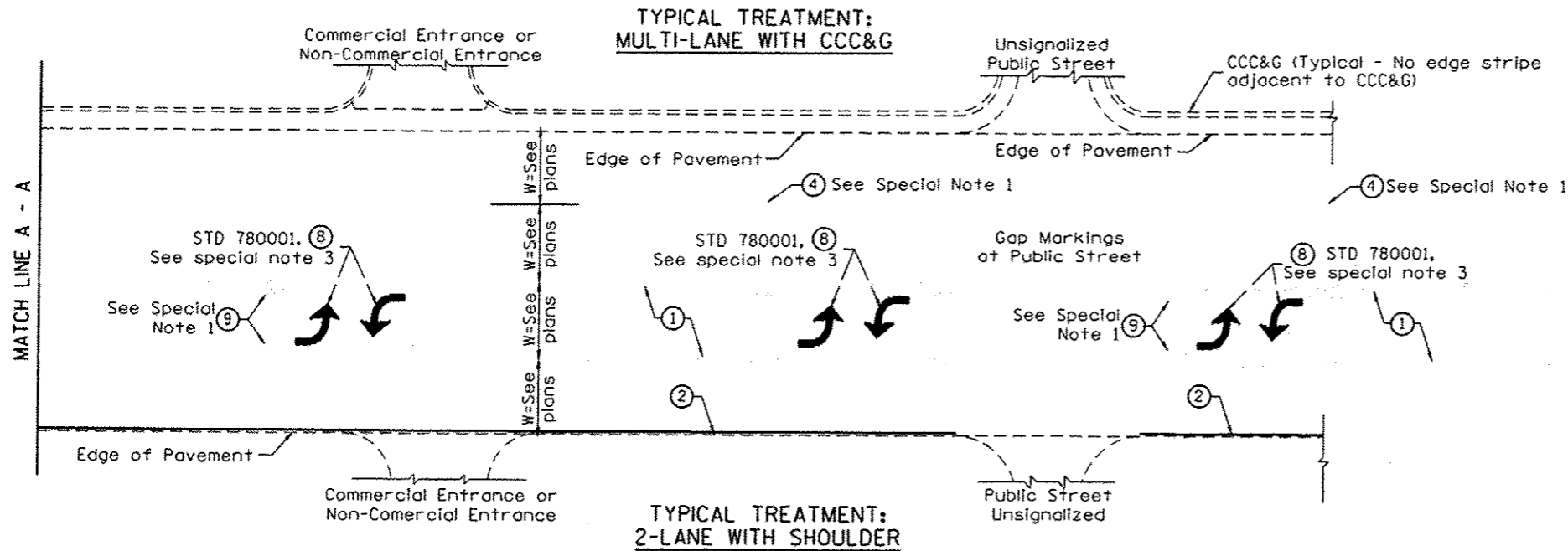
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TENNESSEE BLACKTOP (CH 11) AT US ROUTE 136 INTERSECTION
 CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 31+65.39 TO STA. 33+15.00

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|-----------|--------------|-----------|
| 1435 | 11-00101-00-RS | MCDONOUGH | 33 | 31 |
| CONTRACT NO. 89607 | | | | |
| ILLINOIS FED. AID PROJECT RS 1434 (106) | | | | |

DESIGNER NOTES:

1. Include State Standard 780001 (Typical Pavement Markings)



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

TYPICAL PAVEMENT MARKING LEGEND

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

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

SPECIAL NOTES

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

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

| | | | | |
|----------|----------------------------------|------|----------|-----------------------|
| 01-01-97 | RENUM. F-8.03, NEW REVISION BOX | T.P. | 10-16-06 | REVISED TO 2007 SPEC. |
| 02-07-97 | ADD BI DIRECTIONAL DIMENSION | J.A. | | |
| 10-97 | CORRECT BI DIRECTIONAL DIMENSION | J.A. | | |
| 08-02 | ADD CROSSWALK DIMS. WITH T.S. | M.A. | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

SHT. 1 OF 2
CADD STD. 780001-D4

| | | | | |
|---|----------------|-----------|--------------------|-----------|
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1434 | 11-00101-00-RS | MCDONOUGH | 33 | 32 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89607 | |
| | | | RS 1434 (106) | |

