

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.P. No. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------|---------|----------|--------------------|-----------|
| 322 | 9RS-8 | JACKSON | 15 | 1 |
| | | ILLINOIS | CONTRACT NO. 78702 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-6

**PROPOSED
HIGHWAY PLANS**

US 51 ROUTE US 51 (FAP 322)
SECTION 9RS-8
PROJECT NHPP-08Y6(206)
RESURFACING
JACKSON COUNTY

TRAFFIC DATA

ADT = 8,050 (2019), 10,020 (2039)
9% TRUCKS

**TOWNSHIPS
CARBONDALE
MAKANDA**

DESIGN DESIGNATION : NA

COORDINATE SYSTEM : ILLINOIS EAST

POSTED SPEED : 55 MPH

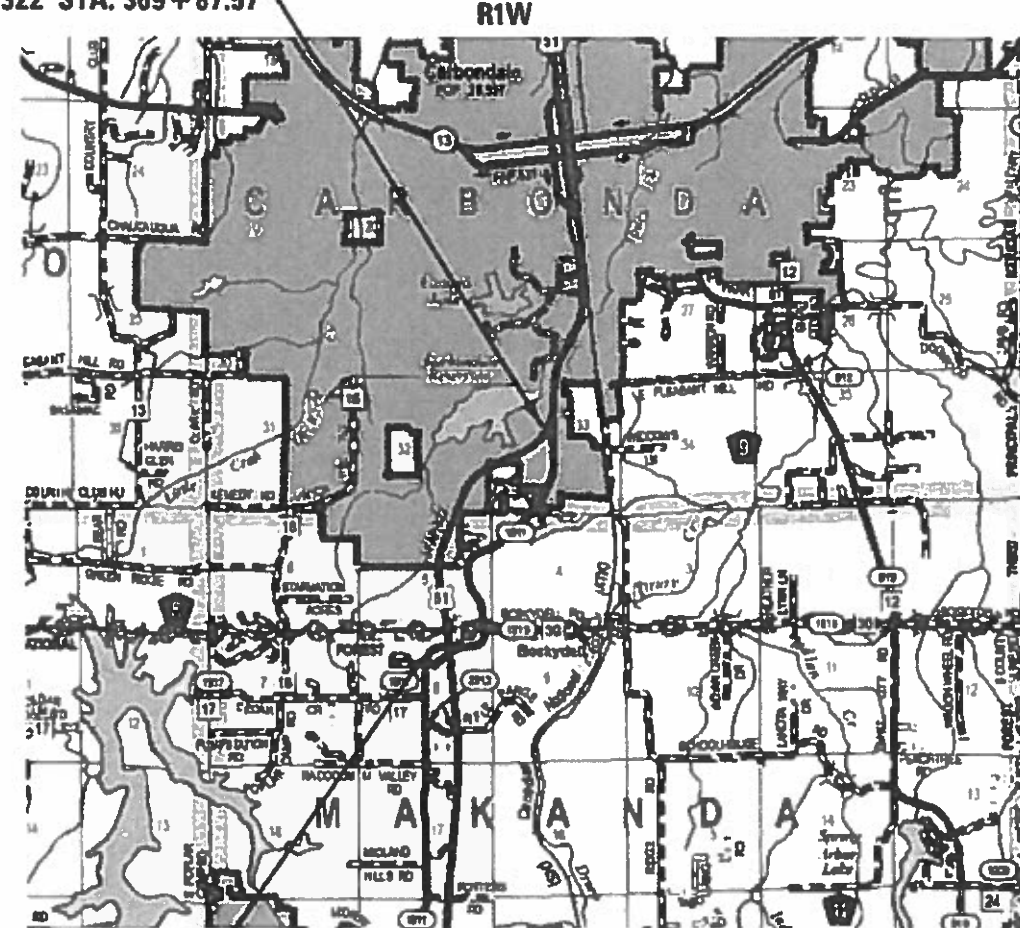
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: VALERIE ROLLA
PROJECT DESIGNER: ROBERT HANDY

CONTRACT NO. 78702

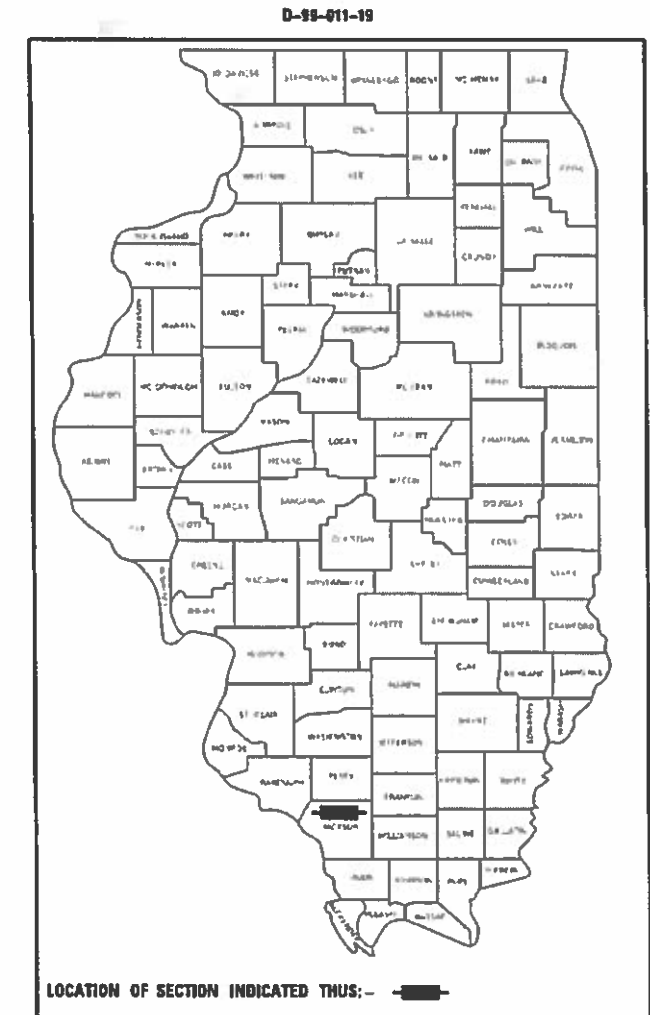
PROP. PROJECT ENDS
FAP 322 STA. 369 + 87.57

C-99-013-19



PROP. PROJECT BEGINS
FAP 322 STA. 266 + 04.86

GROSS LENGTH = 10,382.71 FT. = 1.97 MILES
NET LENGTH = 10,382.71 FT. = 1.97 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 29 20 19
Rishi Roberts
REGION FIVE ENGINEER

March 22 20 19
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

March 22 20 19
Paul P. Chif
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MOF01 - Default
FILE NAME: \\08481810\NETG\Illinois\gms\p\INDOT\Documents\DOT_Offices\District_9\Projects\78702\CAD\Drawings\CADSheet1.DWG - Sheets.dwg

Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Hill
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keelley
DISTRICT OPERATIONS ENGINEER

Examined By: Keith Roberts
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Daryl J. Muzik
DISTRICT CONSTRUCTION ENGINEER

Examined By: R. [Signature]
DISTRICT MATERIALS ENGINEER

| | | | | | | | | | | | | |
|------------------------------|------------|-----------|---|------------------------|-------|---------|------|---------------------------|---------|--------|-----------------|--------------|
| | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SIGNATURE SHEET | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| USER NAME = handjyr | DRAWN - | REVISED - | | 322 | 9R5-8 | JACKSON | 15 | 2 | | | | |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - | | CONTRACT NO. 78702 | | | | ILLINOIS FED. AID PROJECT | | | | |
| PLOT DATE = 1/8/2019 | DATE - | REVISED - | SCALE: | SHEET | OF | SHEETS | STA. | TO STA. | | | | |

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|--|
| 1 | COVER SHEET |
| 2 | SIGNATURE SHEET |
| 3 | INDEX OF SHEETS, STANDARDS, STATION EQUATIONS, MIXTURE DESIGN |
| 4 | GENERAL NOTES, COMMITMENTS, MTD |
| 5 - 6 | SUMMARY OF QUANTITIES |
| 7 - 8 | TYPICAL SECTION |
| 9 | US-51 MAINLINE RESURFACING SCHEDULE PAVEMENT PAVING / RUMBLE STRIPS SCHEDULE |
| 10 | PAVEMENT MARKING SCHEDULE PAVEMENT DELINEATION SCHEDULE |
| 11 - 14 | US-51 PLAN VIEW |
| 15 | CENTERLINE RUMBLE STRIP DETAIL UNEVEN LANE SIGN DETAIL ROUGH GROOVED SURFACE SIGNS |

STANDARDS

| | |
|-----------|-----------|
| 00001-07 | 701602-10 |
| 642006 | 701701-10 |
| 701006-05 | 701901-08 |
| 701011-04 | 780001-05 |
| 701301-04 | 781001-04 |
| 701306-04 | 886001-01 |
| 701311-03 | 886006-01 |

STATIONS EQUATIONS

NONE

HMA MIXTURE TABLE

| | |
|---------------------|--|
| Locations | Hot-Mix Asphalt Surface Course |
| Mixture Use(s): | Hot-Mix Asphalt Surface Course, Mix D, N90 |
| AB/PG: | PG64-22 |
| ABR % (Max): | See Special Provision |
| Design Air Voids: | 4.0 %, 90 Gyration Design |
| Mixture (Gradation) | IL-9.5mm |
| Friction Aggregate: | D Surface |
| Mixture Weight: | 112 lbs/Sq Yd/in |
| Quality | QCP |
| Program: | |
| Sublot Size: | TBD |

| | |
|---------------------|--|
| Locations | Hot-Mix Asphalt Shoulders |
| Mixture Use(s): | Hot-Mix Asphalt Surface Course, N30, IL-9.5L |
| AB/PG: | PG64-22 |
| ABR % (Max): | See Special Provision |
| Design Air Voids: | 4.0 %, 30 Gyration Design |
| Mixture (Gradation) | IL-9.5L |
| Friction Aggregate: | None |
| Mixture Weight: | 112 lbs/Sq Yd/in |
| Quality | QCQA |
| Program: | |
| Sublot Size: | NA |

MODEL: Default
 FILE NAME: \\s:\labroom\dot\illinois\spur\WIDOT\Documents\DOT Offices\District 9\projects\78702\CAD\data\CADsheets\9978702-Sheets.dgn

| | | |
|-------------------------------|------------|-----------|
| USER NAME = rollavr | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/12/2019 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, MIXTURE DESIGN
STANDARDS, COMMITMENTS, STATION EQUATIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|---------|--------------|-----------|
| 322 | 9RS-8 | JACKSON | 15 | 3 |
| CONTRACT NO. 78702 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMMARY OF QUANTITIES

| | |
|-----------|---------------------|
| COUNTY: | Jackson |
| ROUTE: | US-51 |
| FUNDING: | 80% FED / 20% STATE |
| LOCATION: | URBAN |

| CODE NUMBER | ITEM DESCRIPTION | UNIT | |
|-------------|---|--------|--------|
| | | | 0005 |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 23,820 |
| 40600990 | TEMPORARY RAMP | SQ YD | 186 |
| 40603345 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 | TON | 2,588 |
| 44000155 | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" | SQ YD | 52,912 |
| 48203100 | HOT-MIX ASPHALT SHOULDERS | TON | 1,880 |
| 64200108 | SHOULDER RUMBLE STRIPS, 8 INCH | FOOT | 17,506 |
| 67100100 | MOBILIZATION | L SUM | 1 |
| 70100460 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 | L SUM | 1 |
| 70102632 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 | L SUM | 1 |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 |
| 70107025 | CHANGEABLE MESSAGE SIGN | CAL DA | 50 |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 4,699 |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 1,568 |
| 70300210 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | SQ FT | 73 |

REV. - MS

MODEL: Default
 FILE NAME: P:\11084E8D\NTEG\Illinois.gov\PIWDOT\Documents\DOT Offices\District 9\Projects\78703\CADD\Drawings\CAD\Sheets\78703-Sheets.dgn

| USER NAME = handycr PLOT SCALE = 100.0000' / in. PLOT DATE = 1/30/2019 | DESIGNED - DRAWN - CHECKED - DATE - | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SCALE: SHEET OF SHEETS STA. TO STA. | <table border="1" style="border-collapse: collapse; font-size: small;"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>322</td> <td>9RS-8</td> <td>JACKSON</td> <td>15</td> <td>5</td> </tr> <tr> <td colspan="5" style="text-align: right;">CONTRACT NO. 78702</td> </tr> </table> | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | 322 | 9RS-8 | JACKSON | 15 | 5 | CONTRACT NO. 78702 | | | | |
|--|--|--|---|---|---|-------------|---------|--------|--------------|-----------|-----|-------|---------|----|---|--------------------|--|--|--|--|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | | | | | | | | | | | | | | |
| 322 | 9RS-8 | JACKSON | 15 | 5 | | | | | | | | | | | | | | | | |
| CONTRACT NO. 78702 | | | | | | | | | | | | | | | | | | | | |

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES - CONT

COUNTY: Jackson
 ROUTE: US-51
 FUNDING: 80% FED / 20% STATE
 LOCATION: URBAN

| CODE NUMBER | ITEM DESCRIPTION | UNIT | 0005 |
|-------------|--|-------|--------|
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 28,830 |
| 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 350 |
| 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 453 |
| * 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 73 |
| * 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 28,830 |
| * 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 350 |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 453 |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 188 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 188 |
| * 88600100 | DETECTOR LOOP, TYPE I | FOOT | 140 |
| X0326697 | CENTER LINE - RUMBLE STRIP - 8" | FOOT | 2,189 |
| X7030005 | TEMPORARY PAVEMENT MARKING REMOVAL | SQ FT | 1,568 |
| Z0033700 | LONGITUDINAL JOINT SEALANT | FOOT | 10,383 |
| Z0034105 | MATERIAL TRANSFER DEVICE | TON | 4,468 |

* SPECIALTY ITEM

REV. - MS

MODEL: Default
 FILE NAME: P:\1108\BAREID\NTEC\Illinois.gov\PIWDOT\Documents\DOT Offices\District 9\Projects\78702\CADD\Drawings\CAD\Sheets\DS78702_Sheets.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = handycr | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/30/2019 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

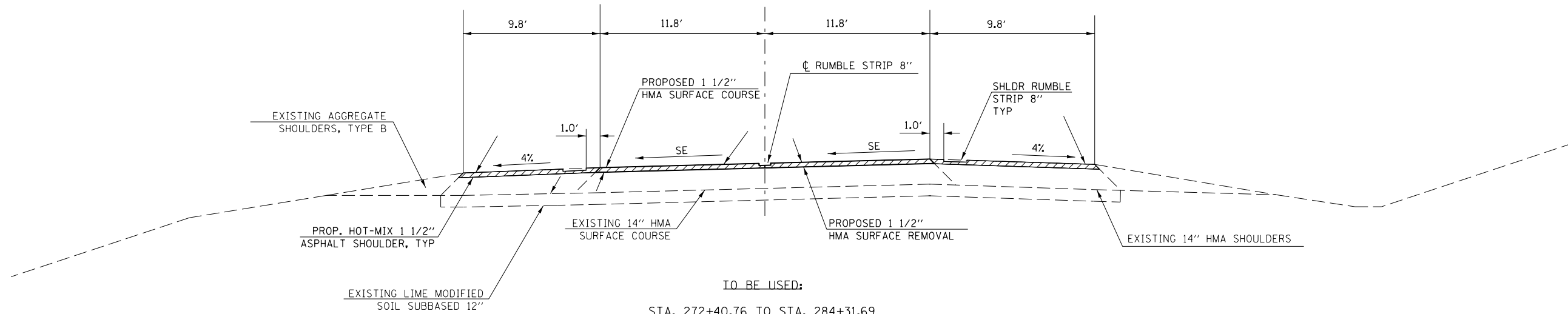
SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|---------|--------------|-----------|
| 322 | 9RS-8 | JACKSON | 15 | 6 |
| CONTRACT NO. 78702 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

TYPICAL SECTION

US-51 (FAP 322)
N.T.S

US-51
FAP 322



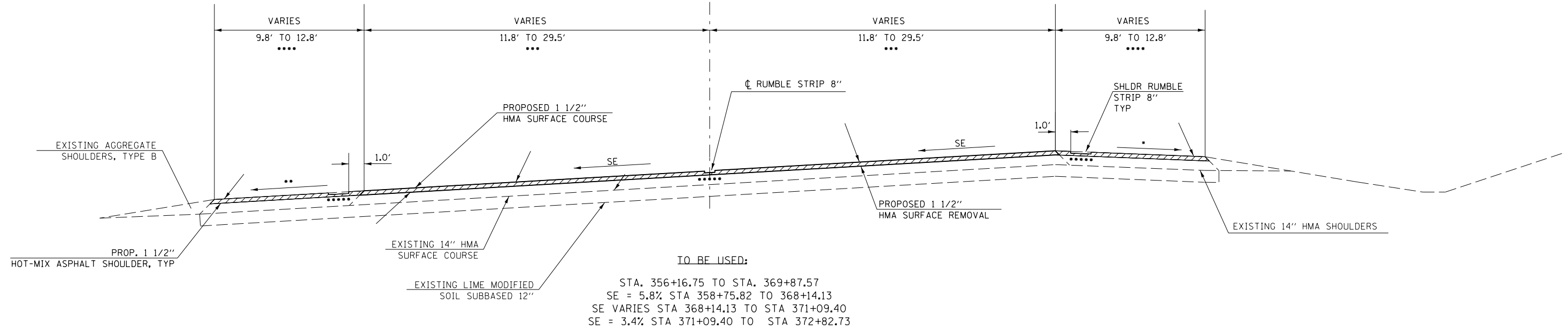
TO BE USED:

STA. 272+40.76 TO STA. 284+31.69
MAXIMUM SE = 2.6%

TYPICAL SECTION

US-51 (FAP 322)
N.T.S

US-51
FAP 322



TO BE USED:

STA. 356+16.75 TO STA. 369+87.57
SE = 5.8% STA 358+75.82 TO 368+14.13
SE VARIES STA 368+14.13 TO STA 371+09.40
SE = 3.4% STA 371+09.40 TO STA 372+82.73

- VARIES FROM 4% TO 2.2%
- VARIES FROM 4% TO 5.8%
- STA. 362+23.59 TO STA. 371+09.40
- STA. 369+43.17 TO STA. 369+87.57
- NO RUMBLE STRIPS--STA. 359+28.31 TO STA. 369+87.57

MODEL: Default
FILE: \\nas0101\B&E\BID\NTEC\Illinois\gov\FWID\DOT\Documents\10DOT Office\1011\18703\CaddData\CAD\Sheet\18703_Sheets.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = handycr | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 1/30/2019 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------|---------|-----------------|--------------|
| F.A.P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 322 | 9RS-8 | JACKSON | 15 | 8 |
| CONTRACT NO. 78702 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

MAINLINE RESURFACING SCHEDULE

| LOCATION STATION TO STATION JACKSON COUNTY | | | | LENGTH | ROADWAY WIDTH | *TEMP RAMP | HMA SUR. REMOVAL 1 1/2" | HOT-MIX ASP. SUR. CSE., MIX D, N 90 (1-1/2") | BIT. MAT. (TACK COAT) | LONG JOINT SEALANT ** | CENTERLINE RUMBLE STRIPS 8" | NOTES |
|--|-----------|----|-----------|-----------------------------------|------------------|---------------|----------------------------|---|--------------------------|-----------------------------|--------------------------------------|---|
| | | | | FOR INFORMATIONAL PURPOSE ONLY | | | | | | | | |
| | | | | FEET | FEET | | | | | | | |
| LT | 266+04.86 | TO | 268+23.38 | 219 | 29.5 | 38 | 717 | 61 | 323 | 219 | | |
| RT | 266+04.86 | TO | 268+23.38 | 219 | 17.7 | 68 | 430 | 37 | 194 | | | |
| LT | 268+23.38 | TO | 271+02.97 | 280 | 20.7 | | 644 | 55 | 290 | 280 | | AVG. ROADWAY WIDTH |
| RT | 268+23.38 | TO | 271+02.97 | 280 | 14.5 | | 451 | 39 | 203 | | | |
| LT | 271+02.97 | TO | 359+28.31 | 8,825 | 11.8 | | 11,572 | 978 | 5,207 | 8,825 | 2,189 | RUMBLE STRIPS 271+75.14 TO 359+28.31 |
| RT | 271+02.97 | TO | 359+28.31 | 8,825 | 11.8 | | 11,572 | 978 | 5,207 | | | |
| LT | 359+28.31 | TO | 368+14.24 | 886 | 20.7 | | 2,034 | 172 | 917 | 886 | | CURVE AREA MEASURE IN CADD |
| RT | 359+28.31 | TO | 368+14.24 | 886 | 20.7 | | 2,034 | 172 | 917 | | | |
| LT | 368+14.24 | TO | 369+87.57 | 173 | 29.5 | 33 | 569 | 48 | 256 | 173 | | |
| RT | 368+14.24 | TO | 369+87.57 | 173 | 29.5 | 47 | 569 | 48 | 256 | | | |
| MAINLINE TOTALS | | | | | | 186 | 30,592 | 2,588 | 13,770 | 10,383 | 2,189 | |

* INCLUDES SHOULDERS
 ** LJS LOCATED @ CENTERLINE JOINT

SHOULDER PAVING / RUMBLE STRIPS SCHEDULE

| LOCATION | | | | LENGTH | SHOULDER WIDTH | BIT. MATERIALS (TACK COAT) | HMA SUR. REMOVAL 1-1/2" | SHOULDER RUMBLE STRIPS 8" | HMA SHOULDERS 1-1/2" | NOTES |
|------------------------|-----------|----|-----------|-----------------------------------|----------------|----------------------------------|-------------------------------|------------------------------------|----------------------------|-------|
| | | | | FOR INFORMATIONAL PURPOSE ONLY | | | | | | |
| | | | | FEET | FEET | | | | | |
| LT | 266+04.86 | TO | 270+10.01 | 405 | 3.9 | 80 | 176 | 15 | | |
| RT | 266+04.86 | TO | 270+10.01 | 405 | 9.8 | 199 | 442 | 38 | | |
| LT | 270+10.01 | TO | 271+02.97 | 93 | 6.9 | 33 | 72 | 6 | | |
| RT | 270+10.01 | TO | 271+02.97 | 93 | 9.8 | 46 | 102 | 9 | | |
| LT | 271+02.97 | TO | 271+75.14 | 72 | 9.8 | 36 | 79 | 7 | | |
| RT | 271+02.97 | TO | 271+75.14 | 72 | 9.8 | 36 | 79 | 7 | | |
| LT | 271+75.14 | TO | 359+28.31 | 8,753 | 9.8 | 4,290 | 9,532 | 8,753 | 801 | |
| RT | 271+75.14 | TO | 359+28.31 | 8,753 | 9.8 | 4,290 | 9,532 | 8,753 | 801 | |
| LT | 359+28.31 | TO | 369+43.21 | 1,015 | 9.8 | 494 | 1,097 | 93 | CURVE AREA MEASURE IN CADD | |
| RT | 359+28.31 | TO | 369+43.21 | 1,015 | 9.8 | 494 | 1,097 | 93 | | |
| LT | 369+43.21 | TO | 369+87.57 | 44 | 11.3 | 26 | 56 | 5 | | |
| RT | 369+43.21 | TO | 369+87.57 | 44 | 11.3 | 26 | 56 | 5 | | |
| MAINLINE TOTALS | | | | | | 10,050 | 22,320 | 17,506 | 1,880 | |

MODEL: Default
 FILE: \\hulb08a\BEN\DOT\Illinois\proj\p1\DOT\Documents\DOT - Office\Director 9\Projects\178703\CaddData\CAD\Sheet\078703_Sheets.dgn

| | | |
|------------------------------|------------|-----------|
| USER NAME = handycr | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/30/2019 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RESURFACING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------|---------|-----------------|--------------|
| F.A.P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 322 | 9RS-8 | JACKSON | 15 | 9 |
| CONTRACT NO. 78702 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

PAVEMENT MARKING SCHEDULE

| LOCATION STATION TO STATION | LENGTH (INFO. ONLY) | THERMOPLASTIC PVT MARK LINE 4" | | | THERMO PLASTIC PVT MARK LINE 6" | THERMO PLASTIC PVT MARK LINE 6" | THERMO PLASTIC PVT MARK LINE 12" | THERMO PLASTIC L & S | SHORT TERM PVT MRK LINE 4" | | | SHORT TERM PAVEMENT MARKING REMOVAL |
|--------------------------------|---------------------------|--|--------------------------|----------------|--|--|--|----------------------------|-------------------------------------|------------------|----------------------------|--|
| | | WHITE | YELLOW | YELLOW | WHITE | WHITE | YELLOW | WHITE | YELLOW | WHITE | WHITE | |
| | | SOILD EDGE PMVT LT & RT SHLDR | MAINLINE SKIP DASH | DOUBLE LINE | SOLID | DASH | DIAGONAL | LETTERS AND SYMBOLS | MAINLINE SKIP DASH | EDGE DIAGONAL | INTERSECTION TURN LANES | |
| FAP 322 (US-51) | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | SQ FT | FOOT | FOOT | FOOT | SQ FT |
| MAINLINE | | | | | | | | | | | | |
| 266+04.86 TO 271+75.14 | 570 | 1,141 | | 2,042 | 180 | | 113 | 37 | 228 | 91 | 36 | 119 |
| 271+75.14 TO 359+28.31 | 8,753 | 17,507 | 2,189 | | | | | | 1,751 | 1,401 | | 1,051 |
| 359+28.31 TO 369+87.57 | 1,059 | 2,119 | | 3,832 | 120 | 50 | 340 | 36 | 963 | 169 | 59 | 398 |
| | | | | | | | | | | | | |
| SUBTOTALS | | 20,767 | 2,189 | 5,874 | 300 | 50 | | | 2,943 | 1,661 | 95 | |
| MAINLINE TOTAL | | | 28,830 | | 350 | | 453 | 73 | | 4,699 | | 1,568 |

PAVEMENT DELINEATION SCHEDULE

| LOCATION STATION TO STATION | LENGTH (INFORMATION ONLY) | RAISED PVMT MARKERS ONE-WAY AMBER | RAISED PVMT MARKERS TWO-WAY AMBER | RAISED PVMT MARKERS ONE-WAY CRYSTAL | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | NOTES |
|--------------------------------|---------------------------------|---|---|---|---|-------------|
| MAINLINE | | | | | | |
| | FEET | EACH | EACH | EACH | EACH | |
| 266+04.86 TO 271+75.14 | 570 | 30 | | | 30 | 40 FT @ C-C |
| 271+75.14 TO 362+23.17 | 9,048 | | 117 | | 117 | 80 FT @C-C |
| 362+23.17 TO 368+27.43 | 604 | 32 | | | 32 | 40 FT @ C-C |
| 368+27.43 TO 369+87.57 | 160 | | 5 | 4 | 9 | 40 FT @ C-C |
| SUB TOTAL | | | 62 | 122 | 4 | 188 |
| TOTAL | | | 188 | | 188 | |

MODEL: Default
FILE: \\nas01c.psu.edu\BEBIDN\TEC\Illinois\poc\p\11001\Documents\11001_01\Project\11001_CADD\11001_CADD\11001_Sheets.dgn

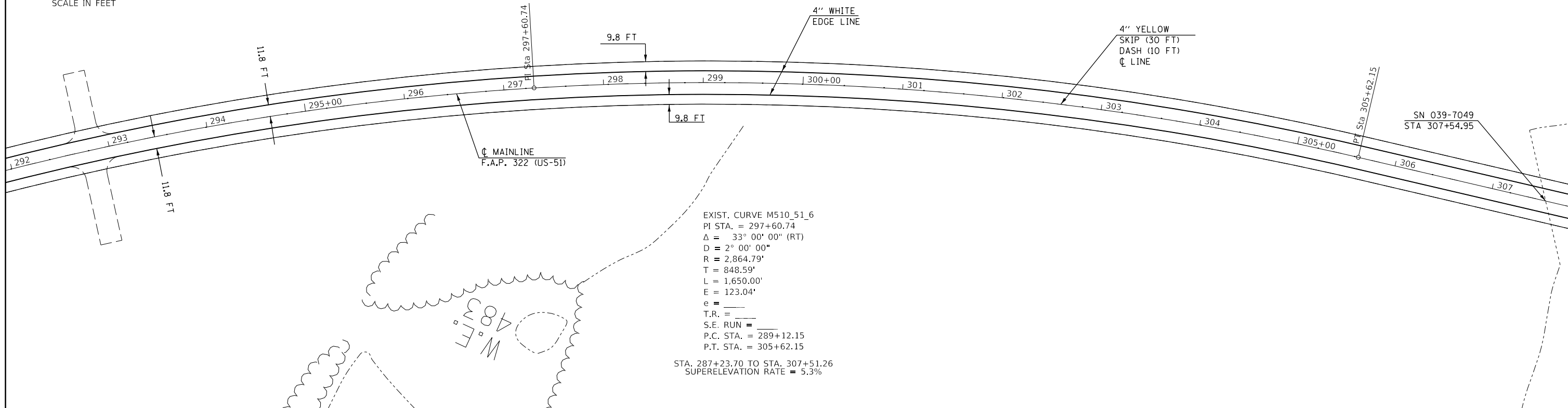
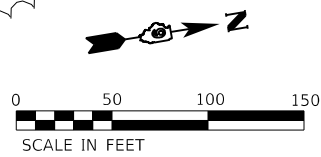
| | | |
|------------------------------|------------|-----------|
| USER NAME = handycr | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/30/2019 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

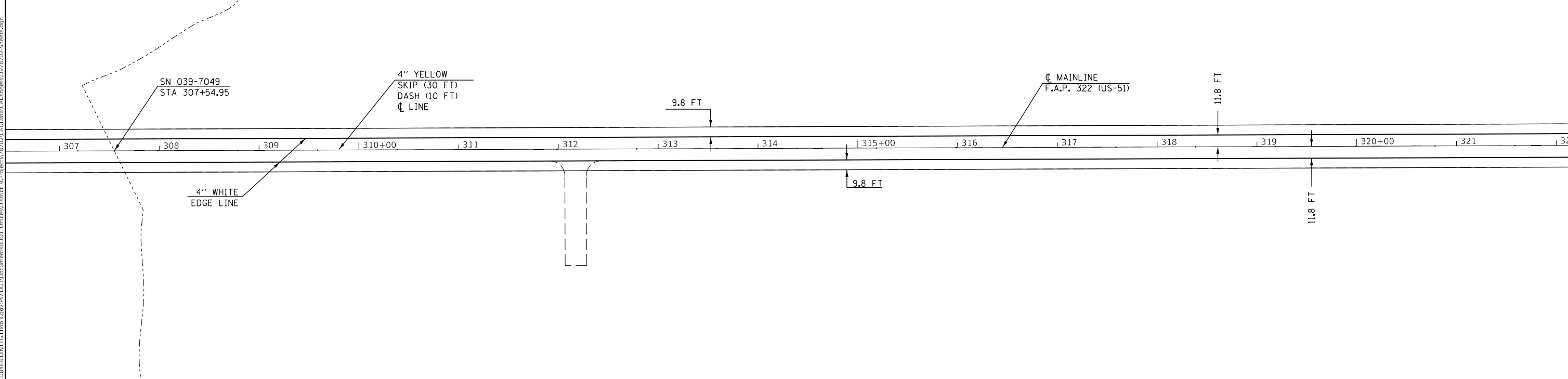
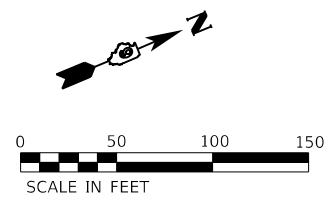
**SHOULDER & RUMBLE STRIPS SCHEDULE
PAVEMENT MARKING SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------|---------|-----------------|--------------|
| F.A.P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 322 | 9RS-8 | JACKSON | 15 | 10 |
| CONTRACT NO. 78702 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



EXIST. CURVE M510_51_6
 PI STA. = 297+60.74
 $\Delta = 33^\circ 00' 00''$ (RT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.79'$
 $T = 848.59'$
 $L = 1,650.00'$
 $E = 123.04'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 P.C. STA. = 289+12.15
 P.T. STA. = 305+62.15
 STA. 287+23.70 TO STA. 307+51.26
 SUPERELEVATION RATE = 5.3%



MODEL: Default
 FILE: h:\m\c\p\1108\B&E\BID\ITEC\Illinois.gov\PIWDOT\Documents\10DOT_Offices\1012\1012_CADD\1012_CADD\1012_Sheets.dgn

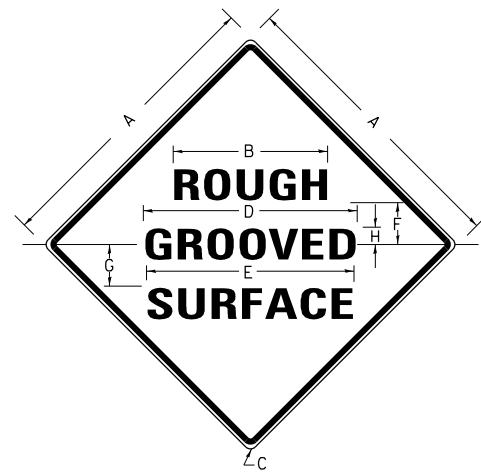
| | | |
|------------------------------|------------|-----------|
| USER NAME = handyc | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 1/30/2019 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-------------------|---------|-------------|----------------------------------|
| US-51 PLAN | | | |
| SCALE: 1 = 50 | SHEET 2 | OF 4 SHEETS | STA. 291+93.47 TO STA. 322+20.83 |

| | | | | |
|--------------------|---------------|----------------|---------------------------|--------------|
| F.A.P. RTE. 322 | SECTION 9RS-8 | COUNTY JACKSON | TOTAL SHEETS 15 | SHEET NO. 12 |
| CONTRACT NO. 78702 | | | ILLINOIS FED. AID PROJECT | |

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

| SIGN SIZE | DIMENSIONS | | | | | | | |
|-----------|------------|------|-----|------|------|-----|------|-----|
| | A | B | C | D | E | F | H | |
| 48X48 | 48.0 | 24.1 | 3.0 | 34.0 | 33.0 | 6.0 | 13.0 | 3.5 |

| SIGN SIZE | SERIES LINES | | | MARGIN | BORDER | BLANK STD. |
|-----------|--------------|----|----|--------|--------|------------|
| | 1 | 2 | 3 | | | |
| 48X48 | 7C | 7C | 7C | 0.8 | 1.2 | B4-48D |

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

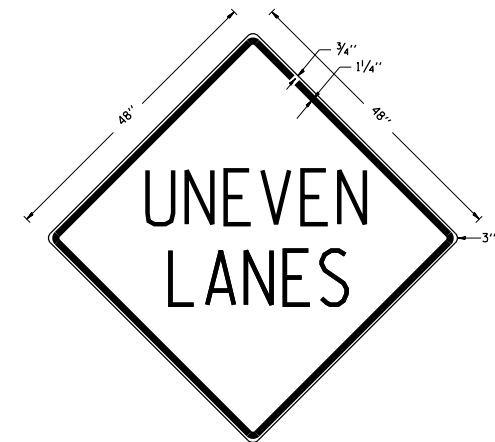
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

| REVISIONS | |
|-----------|---------|
| REDRAWN | 2-15-89 |
| REVISED | 4-6-93 |
| REVISED | 3-27-08 |
| REVIEWED | 5-17-13 |

STD. 9-39

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

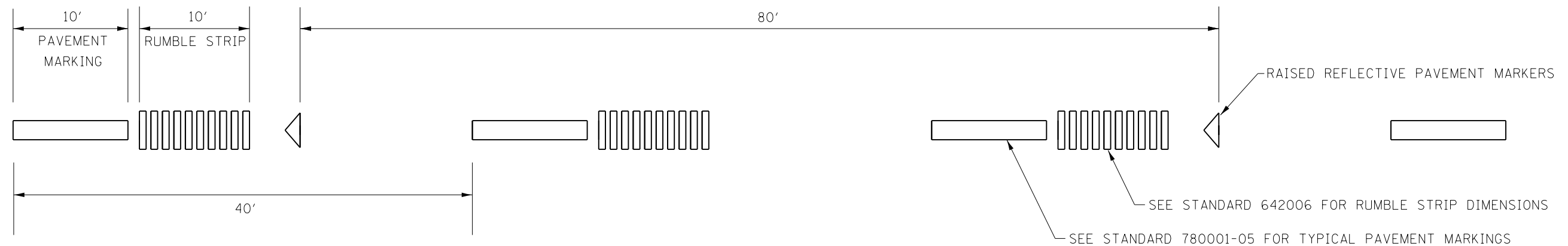
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

| REVISIONS | |
|------------|---------|
| DRAWN | 2-15-89 |
| REVISED | 4-06-93 |
| REDESIGNED | 7-23-04 |
| RESIZED | 5-08-08 |
| REVIEWED | 5-17-13 |

STD. 9-41

CENTERLINE RUMBLE STRIP DETAIL



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTERLINE RUMBLE STRIP DETAIL
ROUGH GROOVED SURFACE & UNEVEN LANES DETAILS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|---------|--------------|-----------|
| 322 | 9RS-8 | JACKSON | 15 | 15 |
| CONTRACT NO. 78702 | | | | |

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT