

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-----------------|----------|--------------------|-----------|
| 41 | (11,12,13,14)RS | KANKAKEE | 9 | 1 |
| | | ILLINOIS | CONTRACT NO. 66N55 | |

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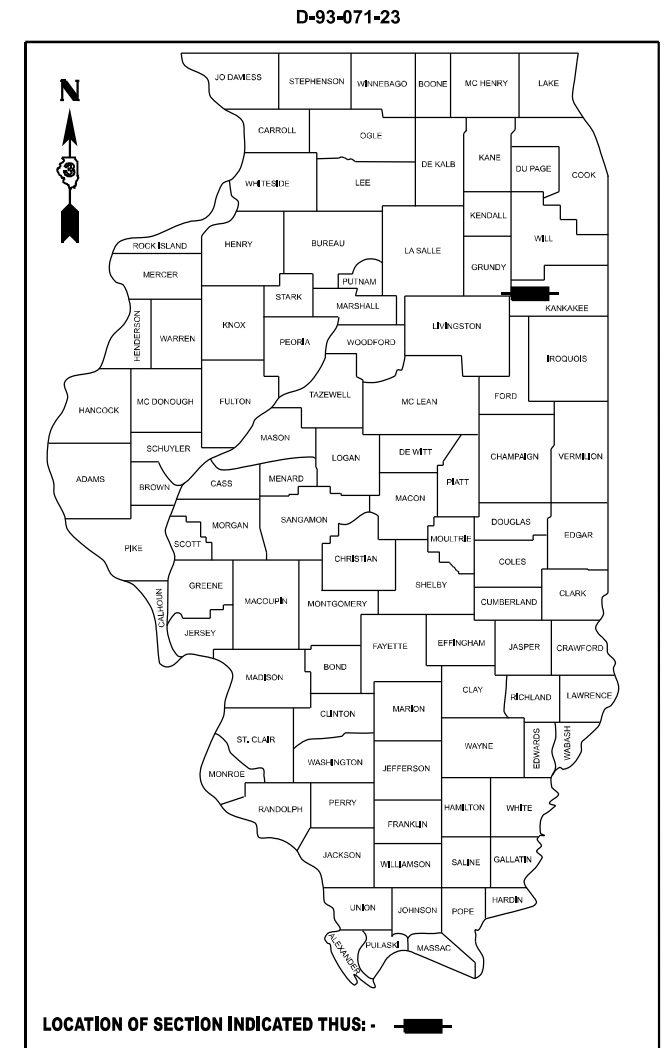
**PROPOSED
HIGHWAY PLANS**

**F.A.P. ROUTE 41 (IL 17)
SECTION (13,14)RS
CENTERLINE REPAIR
KANKAKEE COUNTY**

C-93-091-23

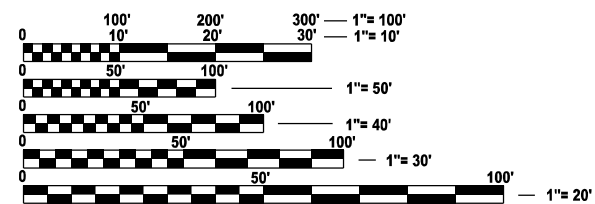
HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701901-08 TRAFFIC CONTROL DEVICES
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS



FUNCTIONAL CLASSIFICATION

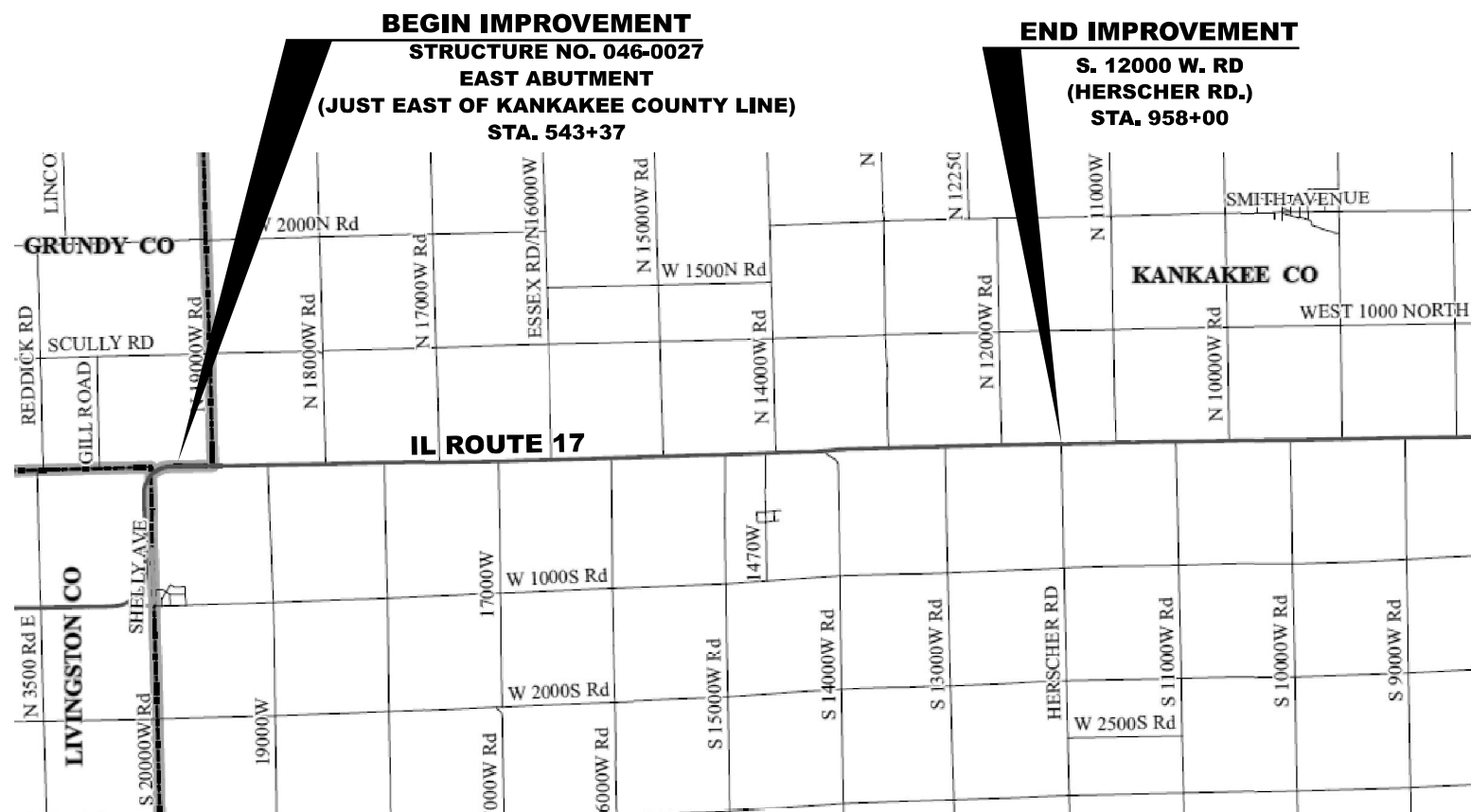
MINOR ARTERIAL
F.A.P. ROUTE 41 (IL 17)
2021 ADT = 2,450
P.V. 74.0 % S.U. 10.2 % M.U. 15.8 %



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

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

PROJECT ENGINEER: YOGESH PATEL P.E.
UNIT CHIEF: RON WOODSHANK
DISTRICT 3 (815) 434-6131
CONTRACT NO. 66N55



GROSS LENGTH = 41,466 FT. = 7.85 MILES
NET LENGTH = 36526 FT. = 6.9 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 19 2023

James Almond REGIONAL ENGINEER
June 30, 2023

John A. Elk ENGINEER OF DESIGN AND ENVIRONMENT
June 30, 2023

Stephen M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

GENERAL NOTES

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE MICRO-SURFACING AND WHEN THE ROADWAY WILL BE OPENED TO TRAFFIC.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE AGGREGATES FOR THE SURFACE LIFT OF MICRO-SURFACING SHALL MEET THE FRICTION AGGREGATE REQUIREMENTS FOR MIXTURE D IN ARTICLE 1004.03(a).

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

| | | |
|------------------------------|--------|---------------------------|
| MIX FOR CRACKS, JTS & FLGWYS | 0.0003 | TONS / SQ YD |
| MICRO-SURFACING, SINGLE PASS | 20 | LBS / SQ YD |
| HOT-MIX ASPHALT REURFACING | 112 | TONS / SQ YD |
| SHORT-TERM PAVEMENT MARKING | 10 | FT /100 FT OF APPLICATION |

THE TEMPORARY/SHORT-TERM PAVEMENT MARKING SHALL BE PLACED 3' OFF THE CENTERLINE IN THE ADJACENT LANE OF TRAFFIC FROM WHICH WORK IS BEING CONDUCTED PRIOR TO BEGINNING MILLING OPERATIONS.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

FINAL PAVEMENT MARKINGS INCLUDING STRIPING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE OFFSET FROM CENTERLINE 2".

COMMITMENTS

NONE

| HMA MIXTURE REQUIREMENT TABLE | |
|------------------------------------------|----------------------------------|
| LOCATION(S): | ENTIRE PROJECT CENTERLINE REPAIR |
| MIXTURE USE(S): | HMA SURFACE 2" |
| BINDER GRADE (PG): | PG64-22 |
| DESIGN AIR VOIDS: | 4.0% @ N50 |
| MIXTURE COMPOSITION: (MIXTURE GRADATION) | IL-9.5 |
| FRICTION AGGREGATE: | MIXTURE D |
| MIXTURE WEIGHT: | 112.0 LB/SY/IN |
| QUALITY MANAGEMENT PROGRAM: | QC/QA |
| SUBLOT SIZE: | N/A |
| DENSITY TEST METHOD: | CORED/NUCLEAR |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION**

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

**START & END DATES
OF CONSTRUCTION:**

INSPECTORS:

MODEL: D:\hull... FILE NAME: ...

| | | |
|------------------------------|------------------|-----------------|
| USER NAME = ronald.woodshank | DESIGNED - RW | REVISED - _____ |
| | DRAWN - RW | REVISED - _____ |
| PLOT SCALE = 100,000' / in. | CHECKED - YP | REVISED - _____ |
| PLOT DATE = 5/16/2023 | DATE - 4/29/2023 | REVISED - _____ |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|----------|--------------|-----------|
| 41 | (11,12,13,14)RS | KANKAKEE | 9 | 2 |
| CONTRACT NO. 66N55 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SCHEDULE - CENTERLINE REPAIR

| LOCATION | | | | | LENGTH | AREA | LONGITUDINAL PARTIAL DEPTH REMOVAL 2" | BITUMINOUS MATERIALS (TACK COAT) | | MIXTURE FOR CRACKS JOINTS AND FLANGEWAYS | LONGITUDINAL PARTIAL DEPTH PATCHING | MICRO - SURFACING SINGLE PASS |
|---------------|---------|----|---------|----------|---------------|---------------|---------------------------------------------------|----------------------------------------|-----------------|------------------------------------------------------|----------------------------------------------|----------------------------------------|
| | | | | | | | | 0.05 LBS/SQFT | 0.025 LBS/SQ FT | | | |
| DESCRIPTION | STATION | TO | STATION | FEET | FOOT | SQ FT | FOOT | POUNDS | | TON | TON | SQ YD |
| S.N. 046-0027 | 543+34 | TO | 560+44 | 1,710 | 1,710 | 3,420 | 1,710 | 171 | 171 | 0.23 | 43 | 760 |
| N. 19000W RD. | 560+44 | TO | 574+17 | 1,373 | 1,373 | 2,746 | 1,373 | 137 | 137 | 0.18 | 34 | 610 |
| SN 046-0130 | 574+17 | TO | 575+79 | OMISSION | | | | | | | | |
| S. 19000W RD. | 575+79 | TO | 586+21 | 1,042 | 1,042 | 2,084 | 1,042 | 104 | 104 | 0.14 | 26 | 463 |
| N. 18000W RD. | 586+21 | TO | 613+43 | 2,722 | 2,722 | 5,444 | 2,722 | 272 | 272 | 0.36 | 68 | 1,210 |
| S. 18000W RD. | 613+43 | TO | 640+89 | 2,746 | 2,746 | 5,492 | 2,746 | 275 | 275 | 0.37 | 68 | 1,220 |
| SN 046-0132 | 640+89 | TO | 653+30 | OMISSION | | | | | | | | |
| N. 17000W RD. | 653+30 | TO | 666+71 | 1,341 | 1,341 | 2,682 | 1,341 | 134 | 134 | 0.18 | 33 | 596 |
| S. 17000W RD. | 666+71 | TO | 694+31 | 2,760 | 2,760 | 5,520 | 2,760 | 276 | 276 | 0.37 | 69 | 1,227 |
| N. 16000W RD. | 694+31 | TO | 719+25 | 2,494 | 2,494 | 4,988 | 2,494 | 249 | 249 | 0.33 | 62 | 1,108 |
| S. 16000W RD. | 719+25 | TO | 747+22 | 2,797 | 2,797 | 5,594 | 2,797 | 280 | 280 | 0.37 | 70 | 1,243 |
| N. 15000W RD. | 747+22 | TO | 771+94 | 2,472 | 2,472 | 4,944 | 2,472 | 247 | 247 | 0.33 | 62 | 1,099 |
| SN 046-0031 | 771+94 | TO | 790+21 | OMISSION | | | | | | | | |
| S. 15000W RD. | 790+21 | TO | 801+05 | 1,084 | 1,084 | 2,168 | 1,084 | 108 | 108 | 0.14 | 27 | 482 |
| S. 14700W RD. | 801+05 | TO | 819+65 | 1,860 | 1,860 | 3,720 | 1,860 | 186 | 186 | 0.25 | 46 | 827 |
| N. 14000W RD. | 819+65 | TO | 824+78 | 513 | 513 | 1,026 | 513 | 51 | 51 | 0.07 | 13 | 228 |
| S. 14000W RD. | 824+78 | TO | 848+00 | 2,322 | 2,322 | 4,644 | 2,322 | 232 | 232 | 0.31 | 58 | 1,032 |
| N. 13000W RD. | 848+00 | TO | 877+25 | 2,925 | 2,925 | 5,850 | 2,925 | 293 | 293 | 0.39 | 73 | 1,300 |
| S. 13000W RD. | 877+25 | TO | 903+73 | 2,648 | 2,648 | 5,296 | 2,648 | 265 | 265 | 0.35 | 66 | 1,177 |
| N. 12000W RD. | 903+73 | TO | 930+21 | 2,648 | 2,648 | 5,296 | 2,648 | 265 | 265 | 0.35 | 66 | 1,177 |
| S. 12000W RD. | 930+21 | TO | 958+00 | 2,779 | 2,779 | 5,558 | 2,779 | 278 | 278 | 0.37 | 69 | 1,235 |
| SUBTOTALS | | | | | | | | 3,823 | 3,823 | | | |
| TOTALS | | | | | 38,236 | 76,472 | 38,236 | 7,646 | | 5 | 953 | 16,994 |

MODEL: D:\infuit...
FILE NAME: D:\infuit...
PROJECT: 0388N55 CAD Date: 05/16/2023

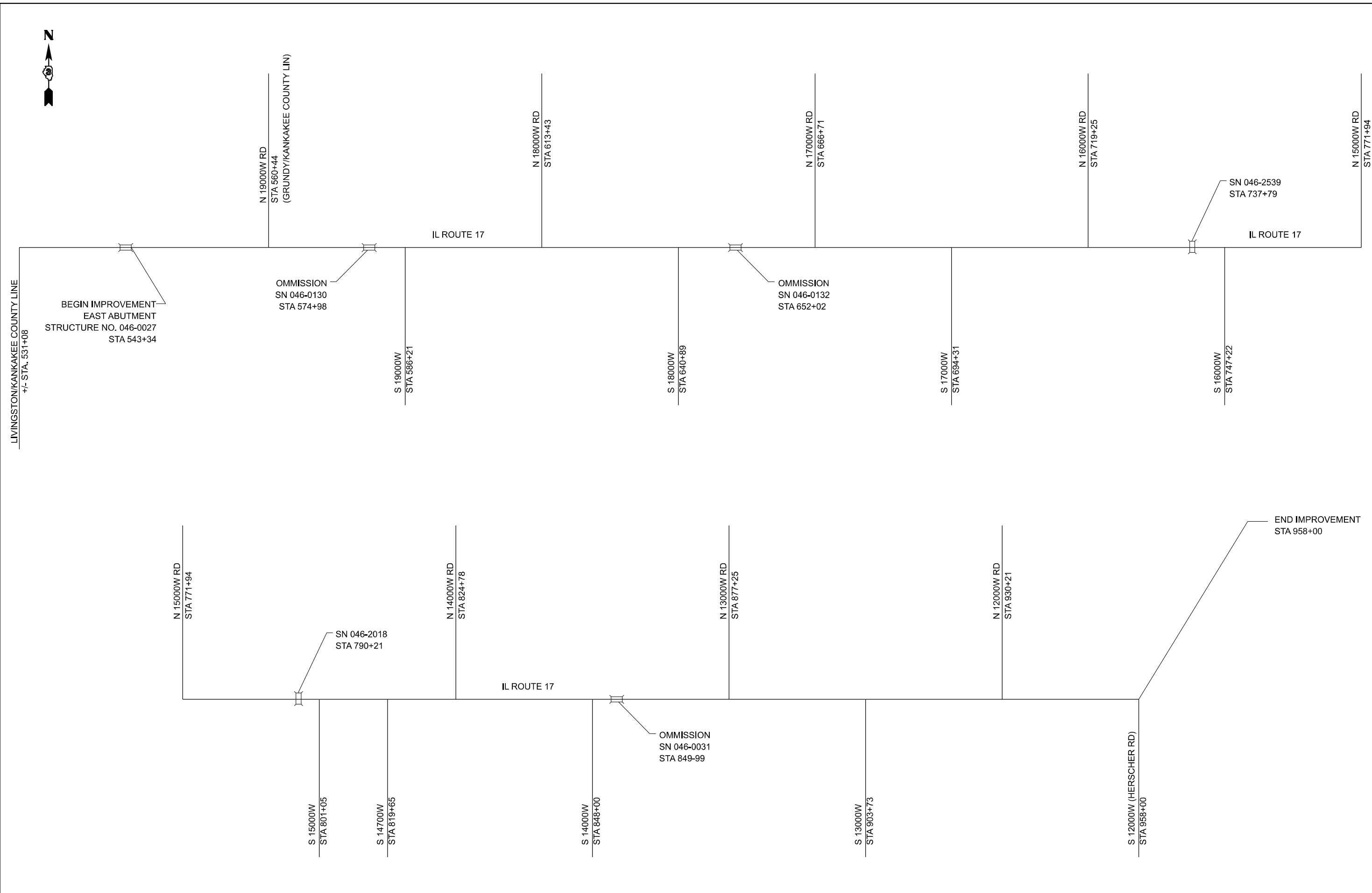
| | | |
|------------------------------|------------------|-----------------|
| USER NAME = ronald.woodshank | DESIGNED - RW | REVISED - _____ |
| DRAWN - RW | CHECKED - YP | REVISED - _____ |
| PLOT SCALE = 100,000' / 1" = | DATE - 4/29/2023 | REVISED - _____ |
| PLOT DATE = 5/16/2023 | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES
CENTERLINE REPAIR**

SCALE: _____ SHEET 2 OF 3 SHEETS STA. _____ TO STA. _____

| | | | | |
|---------------------------|-----------------|----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 41 | (11,12,13,14)RS | KANKAKEE | 9 | 6 |
| CONTRACT NO. 66N55 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



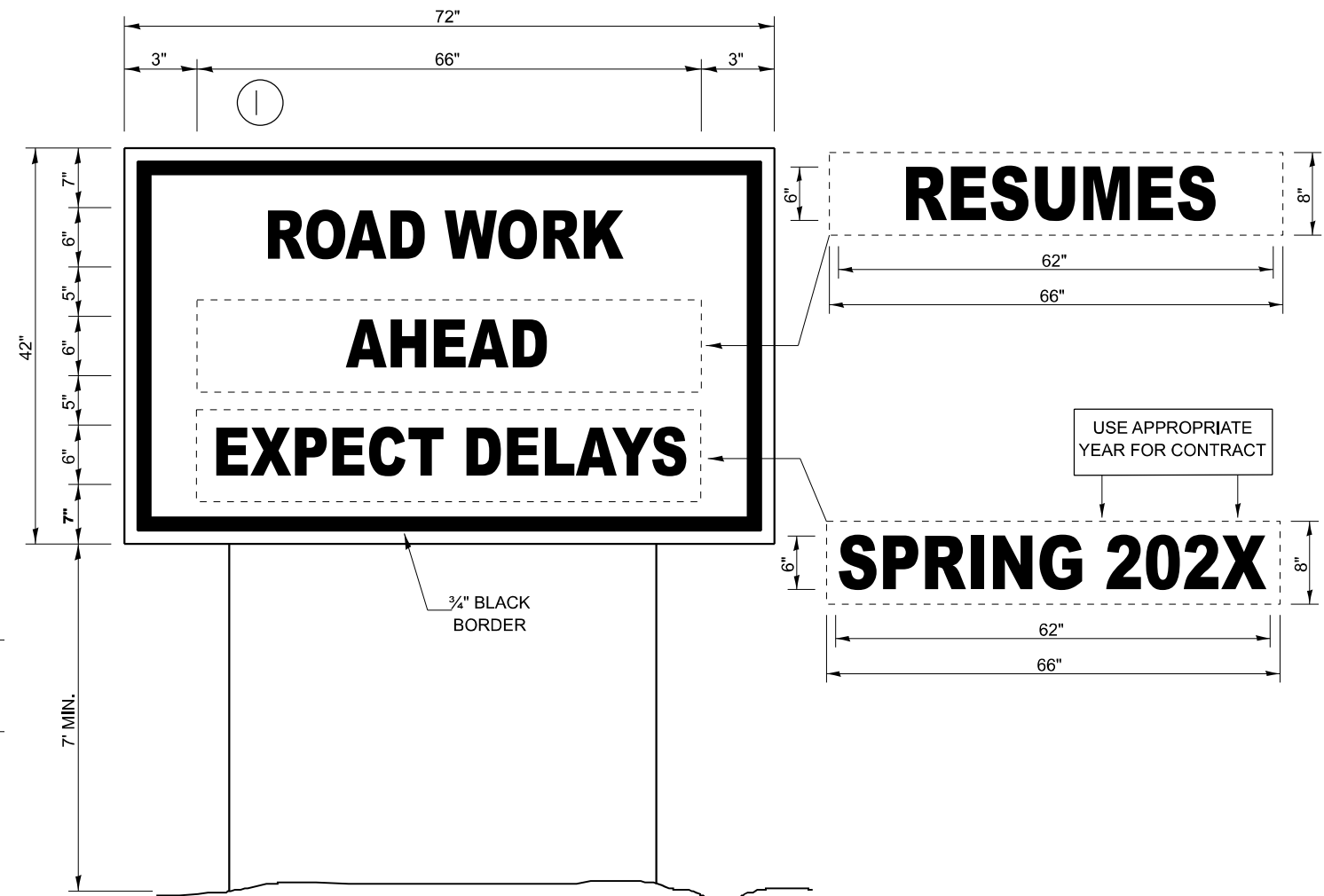
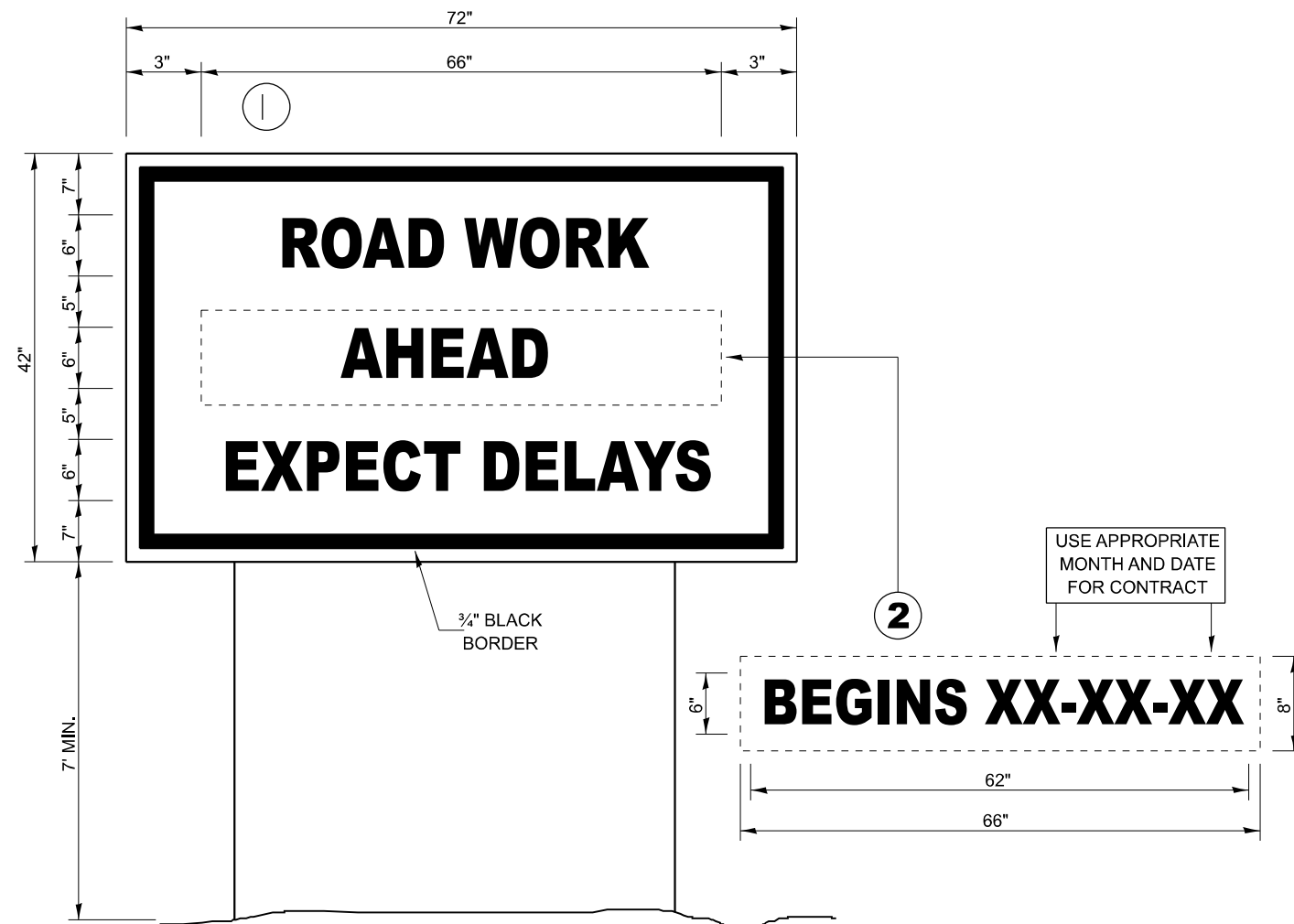
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| | | |
|------------------------------|------------------|-----------|
| USER NAME = ronald.woodshank | DESIGNED - RW | REVISED - |
| DRAWN - RW | REVISIONS - | |
| PLOT SCALE = 100,000' / 1" = | CHECKED - YP | REVISED - |
| PLOT DATE = 5/16/2023 | DATE - 4/29/2023 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | |
|-----------------------|----------------------------------------------|
| PROJECT LAYOUT | |
| SCALE: _____ | SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____ |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|----------|--------------|-----------|
| 41 | (11,12,13,14)RS | KANKAKEE | 9 | 7 |
| CONTRACT NO. 66N55 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



TEMPORARY INFORMATION SIGNING

WINTER SHUT DOWN SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

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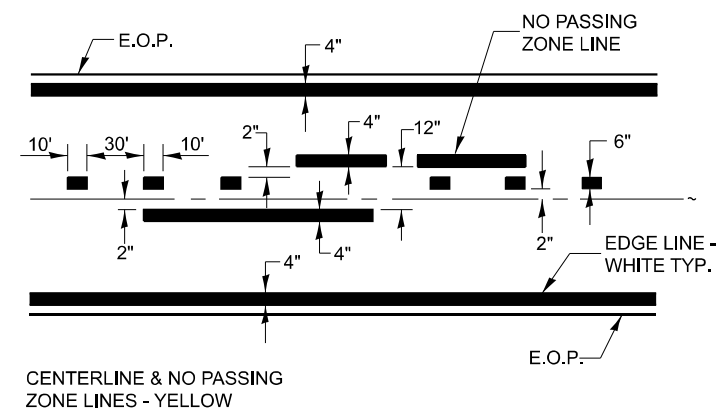
| | | |
|------------------------------|------------------|-----------------|
| USER NAME = ronald.woodshank | DESIGNED - RW | REVISED - _____ |
| PLOT SCALE = 100,000 / 1in. | DRAWN - RW | REVISED - _____ |
| PLOT DATE = 5/16/2023 | CHECKED - YP | REVISED - _____ |
| | DATE - 4/29/2023 | REVISED - _____ |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

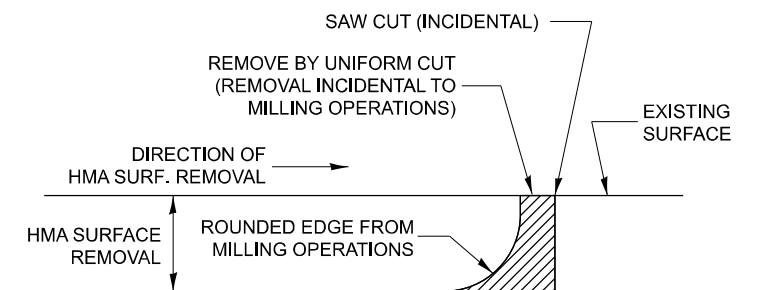
TEMPORARY INFORMATION SIGNING

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

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------|-----------------|----------|--------------|-----------|
| 41 | (11,12,13,14)RS | KANKAKEE | 9 | 8 |
| CONTRACT NO. 66N55 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



PAVEMENT MARKING



NOTE:
 WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,
 THEN A SAW CUT SHALL BE USED TO MANUFACTURE
 A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL.
 THE ENGINEER SHALL BE THE SOLE JUDGE
 CONCERNING THE USE OF THIS DETAIL

HMA DETAIL AT BUTT JOINTS

MODEL: D:\infuit
 FILE NAME: j:\work\pavement\pavement\DOT\Office\District 3\ORD Projects\0388N55\CAD\Detail\66N55.dgn

| | | |
|------------------------------|------------------|-----------------|
| USER NAME = ronald.woodshank | DESIGNED - RW | REVISED - _____ |
| | DRAWN - RW | REVISED - _____ |
| PLOT SCALE = 100,000 / 1in. | CHECKED - YP | REVISED - _____ |
| PLOT DATE = 5/16/2023 | DATE - 4/29/2023 | REVISED - _____ |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS

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

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|----------|--------------|-----------|
| 41 | (11,12,13,14)RS | KANKAKEE | 9 | 9 |
| CONTRACT NO. 66N55 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |