

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------|----------|--------------------|-----------|
| 304 | 406N-1 | MADISON | 9 | 1 |
| | | ILLINOIS | CONTRACT NO. 76R47 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAP ROUTE 304 (US 67)
SECTION 406N-1
PROJECT NHPP-8H4D(252)
INTERSECTION IMPROVEMENT
MADISON COUNTY

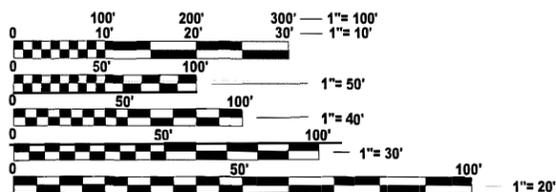
C-98-122-22

TRAFFIC DATA

2021 ADT = 16800 (ACTUAL)
2023 ADT = 17200 (ESTIMATED)
2043 ADT = 21800 (ESTIMATED)
SU = 1.9% MU = 1.8%

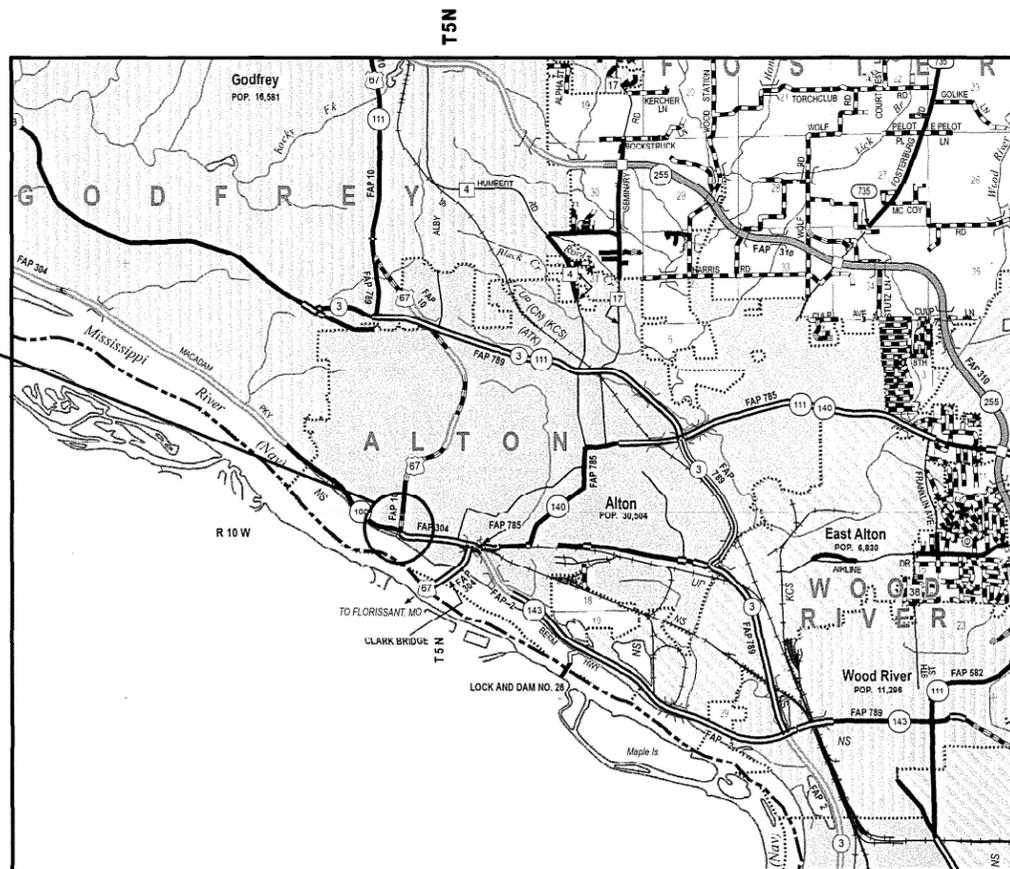


PROJECT LOCATION
LAT: 38.88930
LONG: -90.18558



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



GROSS LENGTH = 538 FT. = 0.102 MILE
NET LENGTH = 538 FT. = 0.102 MILE

PROJECT ENGINEER: BILLIE OWEN
PROJECT MANAGER: MIKE BERG

CONTRACT NO. 76R47

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 11 2023
[Signature]
REGIONAL ENGINEER

June 30, 2023 *[Signature]*
ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2023 *[Signature]*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

INDEX OF SHEETS

- 1 COVER
- 2 HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6 SCHEDULE OF QUANTITIES
- 7 REMOVAL SHEET
- 8 PLAN & PAVEMENT MARKING SHEET
- 9 ELEVATIONS AND DETAILS SHEET

HIGHWAY STANDARDS

| | |
|-----------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 442101-09 | CLASS B PATCHES |
| 604051-04 | FRAME AND GRATE TYPE 11 |
| 604001-05 | FRAME AND LIDS TYPE 1 |
| 606001-08 | CONCRETE CURB TYPE B AND COMB. CONCRETE CURB AND GUTTER |
| 701601-09 | URBAN LANE CLOSURE, MULTILANE WITH NONTRAVERSABLE MEDIAN |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 782001-01 | CURB REFLECTORS |
| 420001-10 | PAVEMENT JOINTS |
| 420701-03 | PAVEMENT WELDED WIRED REINFORCEMENT |
| 606301-04 | PCC ISLANDS AND MEDIANS |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |

GENERAL NOTES

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

| | <u>ABOVE GROUND</u> | <u>BELOW GROUND</u> |
|--|---------------------|---------------------|
| CHARTER COMMUNICATIONS, INC. | X | X |
| AT&T ILLINOIS | X | X |
| ILLINOIS AMERICAN WATER CO. | | X |
| AMEREN ILLINOIS | X | X |
| CITY OF ALTON (SANITARY) | | X |
| CITY OF ALTON (LIGHTING) | X | X |
| WOOD RIVER DRAINAGE AND LEVEE DISTRICT | | X |

2. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

3. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.

4. ALL ELEVATIONS REFER TO THE USGS MEAN SEA LEVEL DATUM.

5. FOUR CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED FOR THIS CONTRACT. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

6. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

7. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.

COMMITMENTS

ALL LANES OF US 067 SHALL BE OPEN TO TRAFFIC DURING THE 2024 SOLAR ECLIPSE FROM 7:00 A.M. ON SATURDAY APRIL 6 2024 THROUGH 10:00 P.M ON MONDAY APRIL 8, 2024

REV. SK

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| | DRAWN - _____ | REVISED - _____ |
| PLOT SCALE = 0.16666633' / in. | CHECKED - _____ | REVISED - _____ |
| PLOT DATE = 5/11/2023 | DATE - _____ | REVISED - _____ |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX, STANDARDS,
GENERAL NOTES & COMMITMENTS**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------|---------|---------|--------------|-----------|
| 304 | 406N-1 | MADISON | 9 | 2 |
| CONTRACT NO. 76R47 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

80% FED
20% STATE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTR. CODE | |
|----------|---|-------|----------------|--------------|-------|
| | | | | ROADWAY 0005 | URBAN |
| 40200000 | AGGREGATE SURFACE COURSE, TYPE B | TON | 24 | 24 | |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 197 | 197 | |
| 44200050 | WELDED WIRE REINFORCEMENT | SQ YD | 184 | 184 | |
| 44200964 | CLASS B PATCHES, TYPE IV, 9 INCH | SQ YD | 184 | 184 | |
| 44201298 | DOWEL BARS 1 1/4" | EACH | 100 | 100 | |
| 44213200 | SAW CUTS | FOOT | 394 | 394 | |
| 44213204 | TIE BARS 3/4" | EACH | 120 | 120 | |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 1 | 1 | |
| 60403700 | LIDS, TYPE 1, OPEN LID | EACH | 1 | 1 | |
| 60404800 | FRAMES AND GRATES, TYPE 11 | EACH | 1 | 1 | |
| 60605900 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 | FOOT | 383 | 383 | |
| 60618300 | CONCRETE MEDIAN SURFACE, 4 INCH | SQ FT | 740 | 740 | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | |
| 70102630 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 | L SUM | 1 | 1 | |

80% FED
20% STATE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTR. CODE | |
|------------|---|--------|----------------|--------------|-------|
| | | | | ROADWAY 0005 | URBAN |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 14 | 14 | |
| 70107025 | CHANGEABLE MESSAGE SIGN | CAL DA | 56 | 56 | |
| 70300100 | SHORT TRM PAVFMENT MARKING | FOOT | 68 | 68 | |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 23 | 23 | |
| 70300221 | TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT | FOOT | 538 | 538 | |
| 70300261 | TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT | FOOT | 206 | 206 | |
| * 72400710 | RELOCATE SIGN PANEL - TYPE 1 | SQ FT | 5 | 5 | |
| * 78001110 | PAINT PAVEMENT MARKING - LINE 4" | FOOT | 538 | 538 | |
| * 78001150 | PAINT PAVEMENT MARKING - LINE 12" | FOOT | 206 | 206 | |
| 78200020 | CURB REFLECTORS | EACH | 10 | 10 | |
| 89502380 | REMOVE EXISTING HANDHOLE | EACH | 1 | 1 | |
| X0350810 | BOLLARD REMOVAL | EACH | 6 | 6 | |
| X4402020 | CONCRETE MEDIAN SURFACE REMOVAL | SQ FT | 413 | 413 | |
| X4403300 | CONCRETE MEDIAN REMOVAL | SQ FT | 152 | 152 | |

* SPECIALTY ITEM

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| DRAWN - | REVISIONS - | |
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| PLOT DATE = 5/11/2023 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. + TO STA. +

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|---------|--------------|-----------|
| 304 | 406N-1 | MADISON | 9 | 3 |
| CONTRACT NO. 76R47 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

80% FED
20% STATE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTR. CODE |
|----------|----------------------------------|------|----------------|--------------------------|
| | | | | ROADWAY 0005 URBAN |
| X6050500 | REMOVE FRAME AND GRATES, SPECIAL | EACH | 1 | 1 |
| X6350120 | DELINEATOR REMOVAL | EACH | 23 | 23 |

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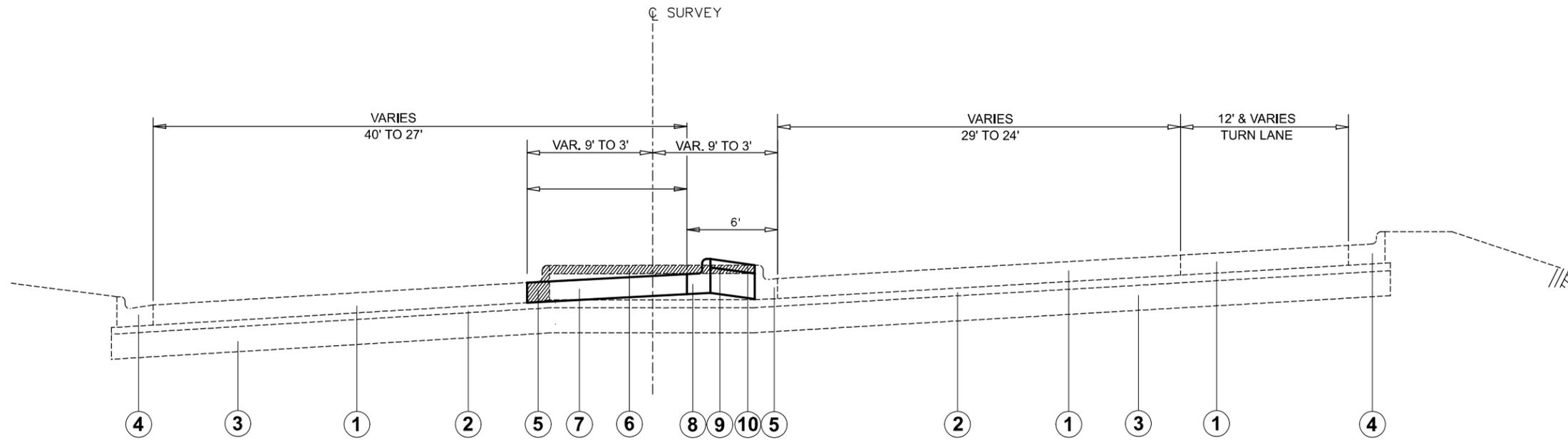
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| | DRAWN - | REVISED - |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

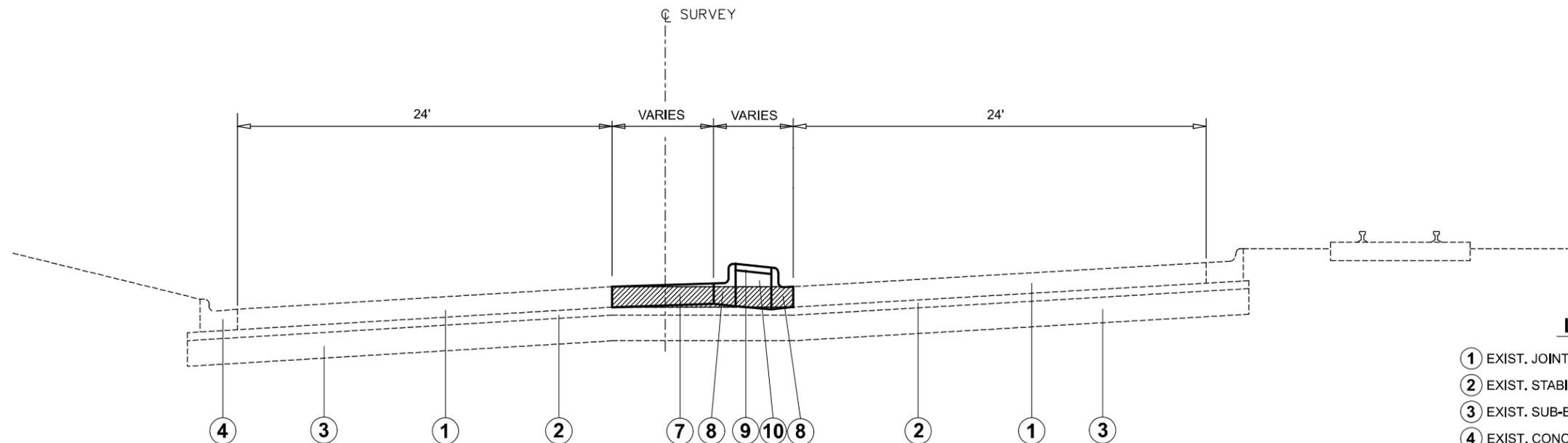
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|---------------------------|---------|---------|--------------|-----------|
| 304 | 406N-1 | MADISON | 9 | 4 |
| CONTRACT NO. 76R47 | | | | |
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TYPICAL SECTION
STA. 17+61.78 TO STA. 21+75.00

- TO BE REMOVED



TYPICAL SECTION
STA. 21+75.00 TO STA. 22+58.11

- TO BE REMOVED

LEGEND

- ① EXIST. JOINTED CEMENT CONCRETE PAVEMENT, 9"
- ② EXIST. STABILIZED SUB-BASE, 4"
- ③ EXIST. SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ④ EXIST. CONC. CURB & GUTTER, TYPE B 6.24
- ⑤ EXIST. CONC. CURB & GUTTER, TYPE B 9.12
- ⑥ EXIST. CONC. MEDIAN SURFACE, 4"
- ⑦ PROP. CLASS B PATCH, 9"
- ⑧ PROP. CONC. CURB & GUTTER, TYPE B 9.12
- ⑨ PROP. CONC. MEDIAN SURFACE, 4"
- ⑩ AGGREGATE SURFACE COURSE, TYPE B

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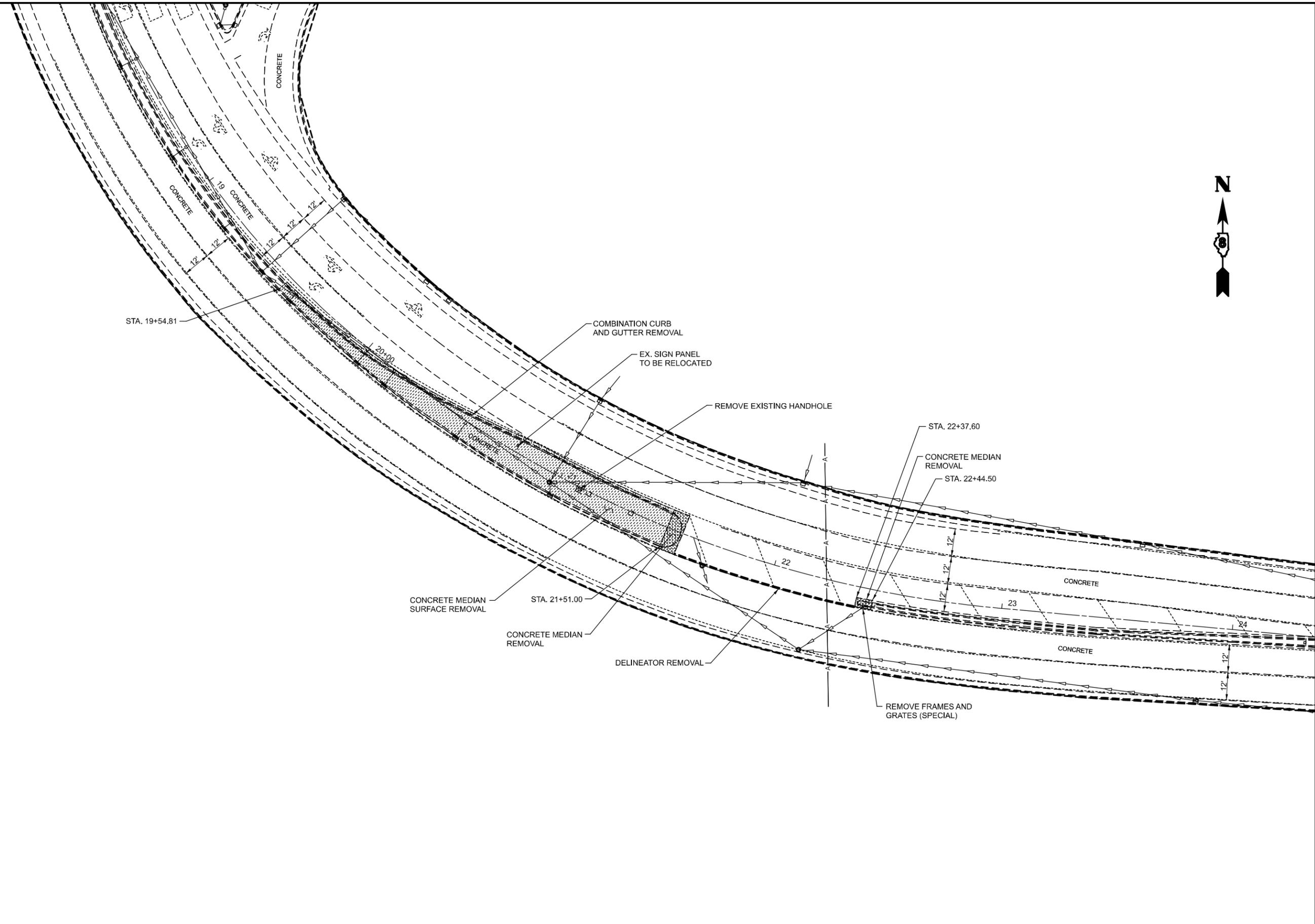
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

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|---------------------------|---------|---------|--------------|-----------|
| 304 | 406N-1 | MADISON | 9 | 5 |
| CONTRACT NO. 76R47 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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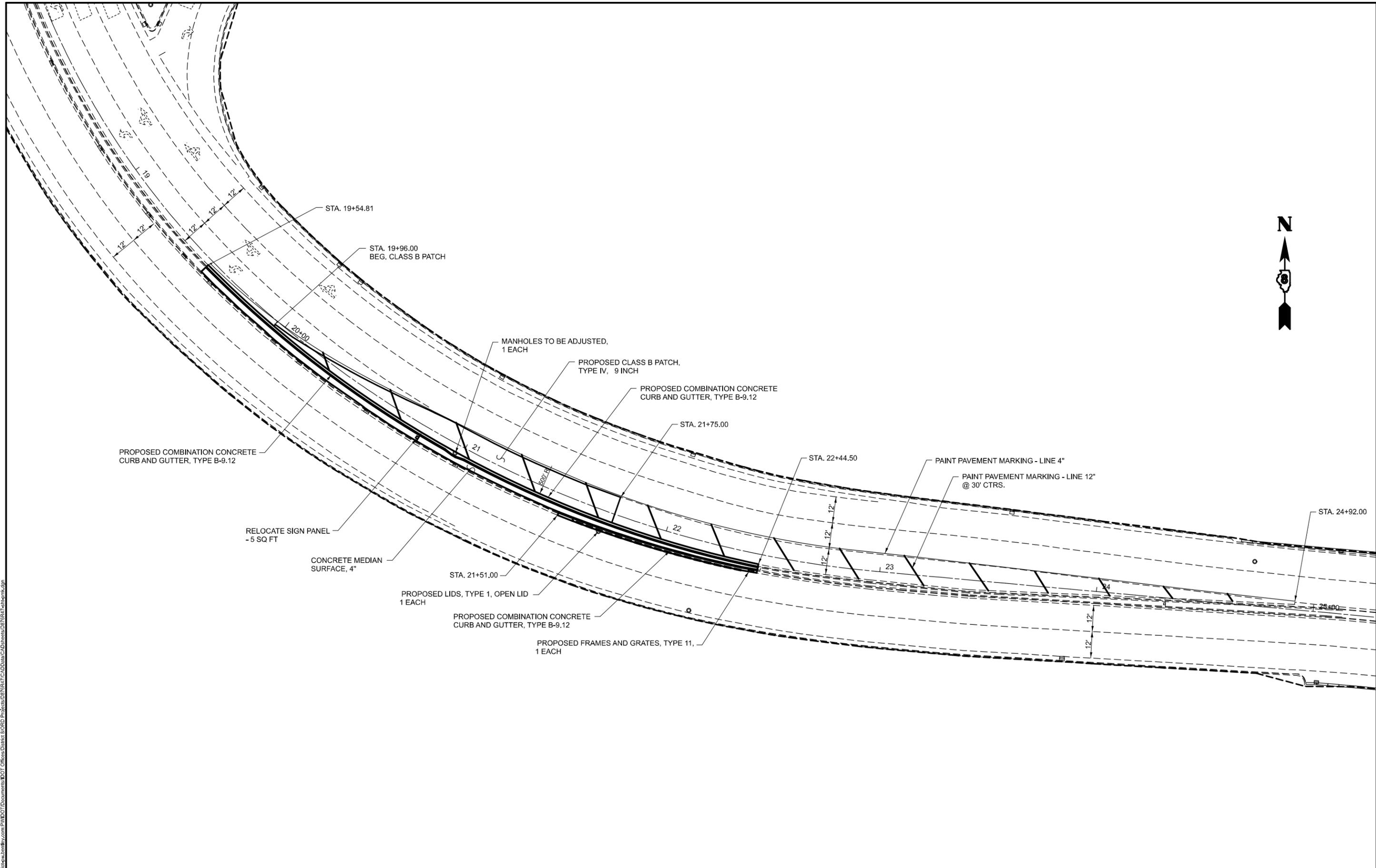
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEET

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|---------------------------|---------|---------|--------------|-----------|
| 304 | 406N-1 | MADISON | 9 | 7 |
| CONTRACT NO. 76R47 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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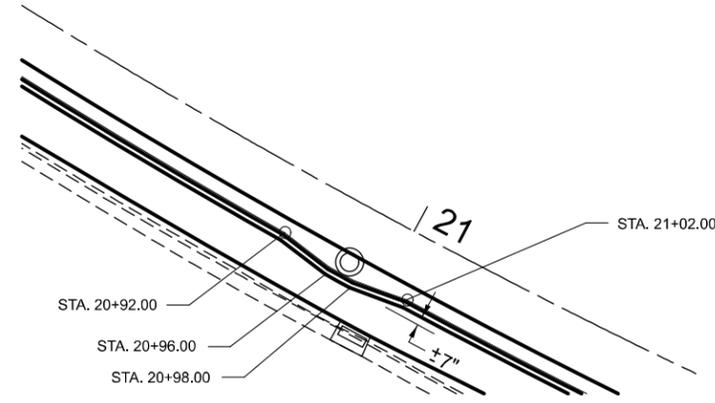
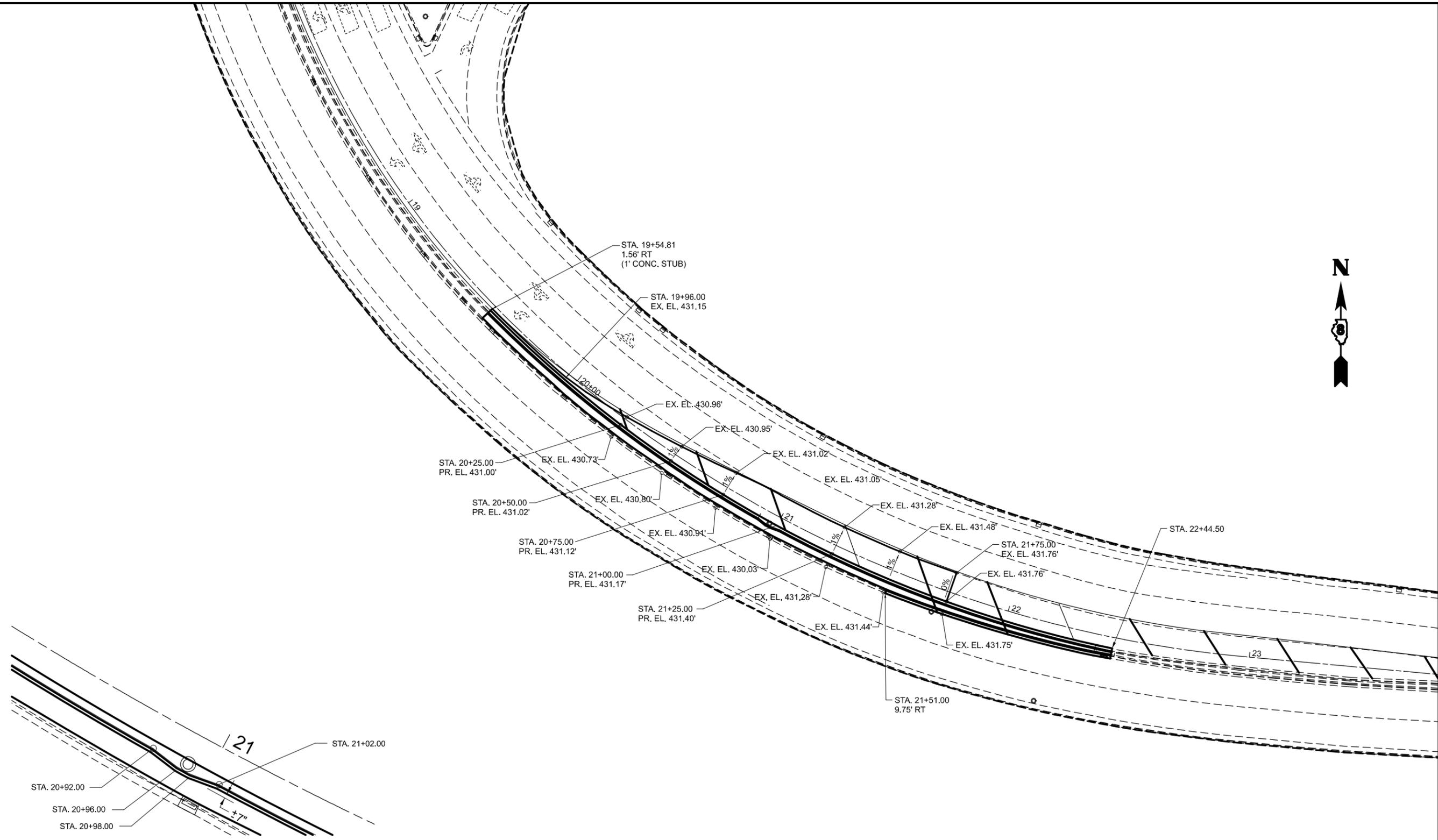
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STATE OF ILLINOIS
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PLAN & PAVEMENT
MARKING SHEET

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. +. TO STA. +.

| | | | | |
|---------------------------|---------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 304 | 406N-1 | MADISON | 9 | 8 |
| CONTRACT NO. 76R47 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTE: THE PROPOSED ELEVATIONS ARE GIVEN AT THE PROPOSED EDGE OF PAVEMENT.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ELEVATIONS
& DETAILS**

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