07-30-2021 LETTING ITEM 028

INDEX OF SHEETS

- . . COVER SHEET
- 2. GENERAL NOTES
- 3. SUMMARY OF QUANTITIES
- 4. TYPICAL SECTIONS
- 7. SCHEDULES
- 8. TRAFFIC CONTROL AND PROTECTION, STANDARD 701400
- 9 10 . CLASS A PATCHING DETAILS
 - 11. PAVEMENT MARKING

STANDARDS

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 000001-08 001001-02 AREAS OF REINFORCEMENT BARS 001006 DECIMAL OF AN INCH AND OF A FOOT OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY 701106-02 701401-12 LANE CLOSURE, FREEWAY/EXPRESSWAY 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION 701426-09 FOR SPEEDS ≥ 45 MPH TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY TRAFFIC CONTROL DEVICES APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY

0 100' 200' 300'— 1"= 100' 0 50' 100' 1"= 50' 0 50' 100' 1"= 40' 0 50' 100' - 1"= 30' 0 50' - 100' - 1"= 30' 0 50' - 100' - 1"= 20'

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.

 \circ

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1–800–892–0123

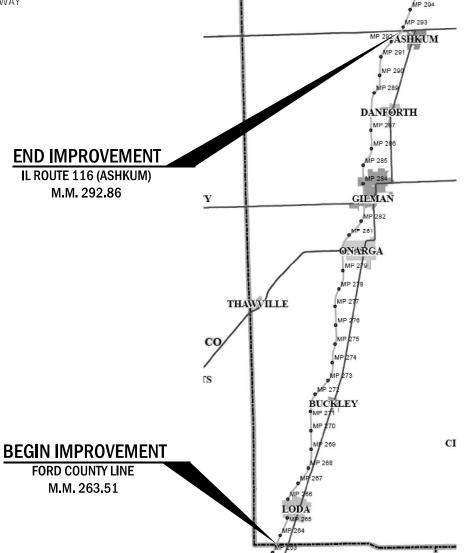
PROJECT ENGINEER: YOGESH PATEL UNIT CHIEF: RON WOODSHANK DISTRICT 3 NO. (815) 434–6131 CONTRACT NO. 66L83

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

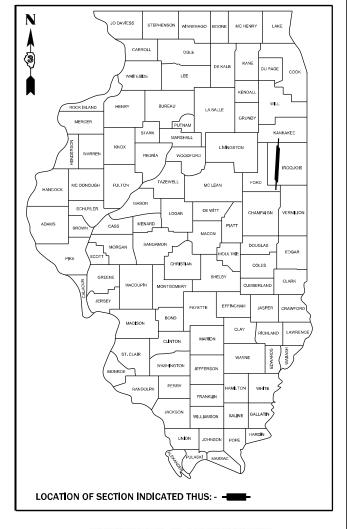
PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 57 (I-57) 38(3-9)PP-2 PAVEMENT PATCHING IROQUOIS

C-93-087-21



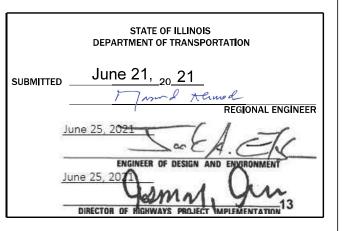
D-93-051-21



FUNCTIONAL CLASSIFICATION RURAL INTERSTATE

F.A.I. ROUTE 57 (I-57) 2019 ADT = 17900

P.V. 60.9% S.U. 3.9% M.U. 35.2%



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

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

COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

PREPARED BY:

DISTRICT STUDIES & PLANS ENGINEER

START & END DATES OF CONSTRUCTION:

DATE:

INSPECTORS:

SCALE:

EXAMINED BY: DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

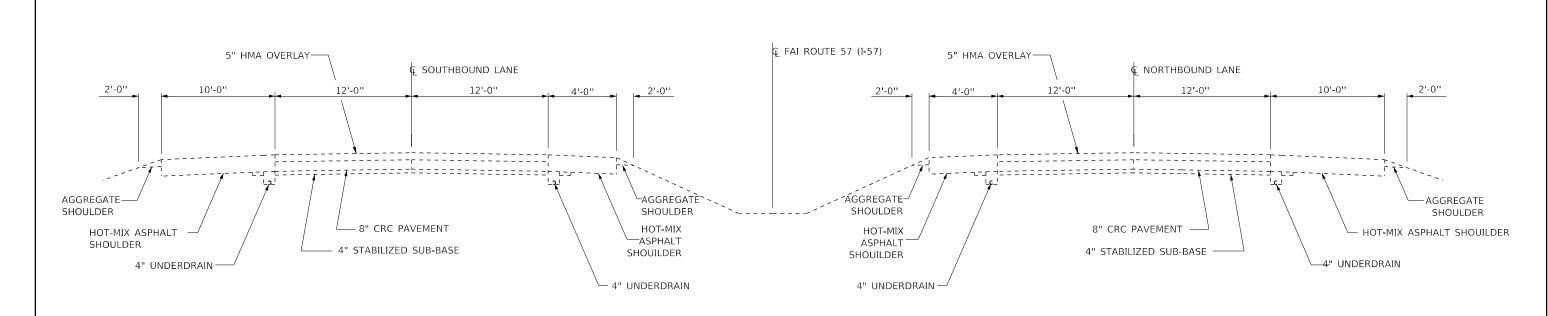
*= SPECIALTY ITEM

| | | | | | $\overline{}$ |
|---|-----------------------------|-------------|-------------|----------------|---------------|
| 9 | PLOT DATE = 3/8/2021 | DATE 3/8/20 | 021 REVISED | +1 | |
| | PLOT SCALE = 100.0000 / in. | CHECKED YP | REVISED | () | |
| | | DRAWN - RW | REVISED | 8 | |
| | USER NAME = woodshankrl | DESIGNED RW | REVISED | = 1 | |

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

| SUMMARY OF QUANTITIES | | | | | | | | | |
|-----------------------|---|---------|----|----------|--------|---------|----|--|--|
| | 3 | UIVIIVI | AK | T OF QUA | MILLES | | 57 | | |
| | | | | | | | | | |
| SHEET | 1 | OF | 1 | SHEETS | STA. | TO STA. | | | |

CONSTRUCTION CODE
CONTRACT MAINTENANCE



TYPICAL SECTION

M.M. 263,51 TO M.M. 292,86 IROQUOIS COUNTY

| USER NAME = woodshankrl | DESIGNED - | RW | REVISED - | |
|-----------------------------|------------|----------|-----------|--|
| | DRAWN - | RW | REVISED - | |
| PLOT SCALE = 100.0000 / in. | CHECKED - | YP | REVISED - | |
| PLOT DATE = 3/8/2021 | DATE - | 3/8/2021 | REVISED - | |

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

SCALE:

| | | | 73.0 | | | 10N | | F.A.I. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------------|--|--|------|-----|---------|------|---------|---------------|-----------------|------------|-----------------|--------------|
| | | | IYI | PIC | AL SECT | ION | | 57 | 38(3-9)PP-2 | IROQUOIS | 11 | 4 |
| | | | | | | | | | | CONTRAC | T NO. 6 | 6L83 |
| SHEET 1 OF 1 SHEETS STA. TO STA. | | | | | | STA. | TO STA. | | ILLINOIS FED. A | ID PROJECT | | |

PATCHING SCHEDULE IROQUOIS COUNTY - NORTHBOUND LANES

| | | | | PASSING L | LANE | | | DRIVING LANE | | | | | | | |
|------------------|----------|-------|-------|--|---------------|-------|--------|--------------|------------|-------|-----------|---------------|--|------------|--|
| | | CLAS | S A | CLASS A | PATCH | SAW | TIE | | CLAS | S A | CLASS A | PATCH | SAW | TIE | |
| LOCATION | РАТСН | TYPE | TYPE | PATCH | REINFORCEMENT | CUTS | BARS | PATCH | TYPE | TYPE | РАТСН | REINFORCEMENT | CUTS | BARS | |
| | LENGTH | ΙΙ | III | EXPANSION | | | | LENGTH | | III | EXPANSION | | | | |
| | LLINGTII | 13" | 13" | | | | | LLINGIII | 13" | | | | | | |
| | | | | JOINT | | | | | | 13" | JOINT | 00.00 | | | |
| MILE MARKER | FEET | SQ YD | SQ YD | FOOT | SQ YD | FOOT | EACH | FEET 6 | SQ YD 8 | SQ YD | FOOT | SQ YD | FOOT 36 | EACH 44 | |
| 265.30 265.60 | 12 | | 16 | | 16 | 48 | 44 | 0 | 0 | | | 0 | 30 | 44 | |
| 265.65 | 1.2 | | 10 | | 10 | 10 | S-1201 | 6 | 8 | | | 8 | 36 | 44 | |
| 265.70 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 265.75 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 265.80 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 265.90 | 86 1000 | 8 (9) | | | | 100 2 | | 6 | 8 | | | 8 | 36 | 44 | |
| 266.80 | 10 | 13 | | | 13 | 44 | 44 | | | | | | 2.6 | 4.4 | |
| 268.50 | | | | <u> </u> | | | | 6 | 8 | | | 8 | 36 36 | 44 | |
| 268.60 271.50 | 6 | 8 | | | 8 | 36 | 44 | 0 | 0 | | | 0 | 30 | 44 | |
| 271.60 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | | |
| 271.70 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | | |
| 273.80 | 12 | | 16 | 12 | 16 | 48 | 44 | 12 | | 16 | 12 | 16 | 48 | 44 | |
| 277.30 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 277.35 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 277.40 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 277.50 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 277.60 | | | | | | | | 10 | 13 13 | | | 13 13 | 44 | 44 | |
| 279.40 280.20 | | | | | | | | 10 | 13 | | | 13 | 44 | 44 | |
| 281.80 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | | |
| 282.70 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 283.00 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | | |
| 283.90 | | | | | | | | 8 | 11 | | | 11 | 40 | 44 | |
| 284.10 | | | | | | | | 10 | 13 | | | 13 | 44 | 44 | |
| 284.30 | | | | <u> </u> | | | | 6 | 8 | 1.0 | | 8 | 36 | 44 | |
| 285.00 | | | | | | | | 12 | 0 | 16 | | 16 8 | 48 | 44 | |
| 285.10 285.70 | 6 | 8 | | | 8 | 36 | 44 | 6 | 8 | | | 0 | 36 | 44 | |
| 287.70 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | | |
| 289.40 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 290.25 | | | | | | | | 10 | 13 | | | 13 | 44 | 44 | |
| 290.30 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 290.30 | 12 | | 16 | | 16 | 48 | 44 | | | | | | | | |
| 290.35 | | | | | | | | 14 | _ | 19 | | 19 | 52 | 44 | |
| 290.40 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 | |
| 291.50 | 6 | 0 | | | 0 | 26 | 44 | 6 | 8 | | | 8 | 36 | 44 | |
| 291.50 292.20 | 6 | 8 | | | 8 | 36 | 44 | 6 | 8 | | | 8 | 36 | 44 | |
| 292.20 | 94 | 77 | 48 | 12 | 125 | 476 | 528 | 216 | 236 | 51 | 12 | 287 | 1128 | 1276 | |
| TOTALS | 310 | 313 | 99 | 24 | 412 | 1604 | 1804 | _10 | | | | | -120 | , - | |

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| Deign | Æ: 9 | l |

| USER NAME = woodshankrl | DESIGNED - RI | W | REVISED | - |
|-----------------------------|---------------|---------|---------|---|
| | DRAWN - RV | W | REVISED | - |
| PLOT SCALE = 100.0000 / in. | CHECKED - YF | P | REVISED | - |
| PLOT DATE = 3/8/2021 | DATE 3/ | (8/2021 | REVISED | |

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

| CONTROLLED MORTHROUND LANEO | F.A.I. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
|----------------------------------|---------------|-------------|----------|-----------------|--------------|------|
| SCHEDULES - NORTHBOUND LANES | 57 | 38(3-9)PP-2 | IROQUOIS | 11 | 5 | |
| | | | | CONTRAC | T NO. 6 | 6L83 |
| SHEET 1 OF 1 SHEETS STA. TO STA. | | ILLINOIS | FED. AI | D PROJECT | | |

PATCHING SCHEDULE IROQUOIS COUNTY - NORTHBOUND LANES

| | | | | PASSING I | LANE | | | DRIVING LANE | | | | | | |
|-----------------------|----------|---------------------------------------|-------|--|---------------|----------|-------|--------------|------------|--------|-----------|---------------|------------|--|
| | | CLAS | S A | CLASS A | PATCH | SAW | TIE | | CLAS | S A | CLASS A | PATCH | SAW | TIE |
| LOCATION | PATCH | TYPF | TYPE | PATCH | REINFORCEMENT | CUTS | BARS | PATCH | TYPF | TYPF | PATCH | REINFORCEMENT | CUTS | BARS |
| | LENGTH | | | EXPANSION | | | | LENGTH | | III | EXPANSION | | | |
| | LLINGTH | 1 1 | 111 | | | | | LENGIII | 1 1 | 111 | | | | |
| MALE MARKER | | 60 VD | 60 VD | JOINT | CO VP | FOOT | FACIL | | 50 VD | 60. VD | JOINT | 60 VP | FOOT | FACIL |
| MILE MARKER 291.10 | FEET | SQ YD | SQ YD | FOOT | SQ YD | FOOT | EACH | FEET 6 | SQ YD 8 | SQ YD | FOOT | SQ YD | FOOT 36 | EACH 44 |
| 291.10 | 6 | 8 | | | 8 | 36 | 44 | 0 | 0 | | | 0 | 30 | |
| 290.80 | | 196 | | | | VP9-CORD | | 6 | 8 | | | 8 | 36 | 44 |
| 290.40 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 290.40 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | 12.12 |
| 290.30 | | 8 | | | 0 | 26 | 44 | 6 | 8 | | | 8 | 36 | 44 |
| 290.30 289.90 | 6 | 8 | | | 8 8 | 36 36 | 44 | - | | | | | | \vdash |
| 289.20 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | |
| 289.10 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 288.20 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | |
| 287.30 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | 44 |
| 285.50 | | 0 | | | 0 | 2.6 | 4.4 | 6 | 8 | | | 8 | 36 | 44 |
| 284.90 | 6 | 8 | | | 8 8 | 36 36 | 44 | | | | | | | |
| 283.80 | | 0 | | | 0 | 30 | 44 | 20 | | | | 27 | 64 | 50 |
| 283.70 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | |
| 283.10 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 282.60 | | | | | | | | | | | | | | |
| 282.40 | | | | | | 26 | | 6 | 8 | | | 8 | 36 | 44 |
| 282.20 | 6 | 8 | | | 8 | 36 | 44 | 10 | 13 | | | 13 | 44 | 44 |
| 281.95 | | | | | | | | 10 8 | 11 | | | 11 | 40 | 44 |
| 281.85 | 6 | 8 | | | 8 | 36 | 44 | | | | | ~ ~ ~ | | † |
| 281.10 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | |
| 280.90 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | |
| 280.40 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 278.40 277.50 | 12 | | 16 | | 16 | 48 | 44 | 6 | 8 | | | 8 | 36 | 44 |
| 276.60 | 12 | | 10 | | 10 | 40 | 44 | 6 | 8 | | | 8 | 36 | 44 |
| 276.50 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 276.40 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 276.20 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 275.90 | 6 | 8 | | | 8 | 36 | 44 | ~ | | | | | 3.5 | |
| 275.90 275.60 | | | | | | | | 6 | 8 | | | 8 8 | 36 36 | 44 |
| 275.60 | 6 | 8 | | | 8 | 36 | 44 | ь | 0 | | | 0 | 30 | 44 |
| 275.50 | | , , , , , , , , , , , , , , , , , , , | | | Ŭ . | 30 | | 6 | 8 | | | 8 | 36 | 44 |
| 275.20 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 275.00 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 274.90 | | 900 | | | | 1000 | | 6 | 8 | | | 8 | 36 | 44 |
| 274.90 | 6 | 8 | | | 8 | 36 | 44 | | 0 | | | | 20 | 4.4 |
| 274.80 SUBTOTALS | 114 | 136 | 16 | | 152 | 660 | 792 | 6 164 | 8 192 | | | 8 219 | 36 904 | 44 1106 |
| TOTALS | 278 | 328 | 16 | | 371 | 1564 | 1898 | 104 | 132 | | <u>I</u> | 213 | 304 | 1100 |

| | Offices\District 3 | |
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| 100000 | NAME: p | |

| USER NAME = woodshankrl | DESIGNED - RW | REVISED - |
|-----------------------------|---------------|-----------|
| | DRAWN - RW | REVISED - |
| PLOT SCALE = 100.0000 / in. | CHECKED - YP | REVISED - |
| PLOT DATE = 3/8/2021 | DATE 3/8/2021 | REVISED |

| OCUEDINES CONTUROUND LANGO | F.A.I. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------------|---------------|----------------|-------------|-----------------|--------------|
| SCHEDULES - SOUTHBOUND LANES | 57 | 57 38(3-9)PP-2 | | 11 | 6 |
| | | | CONTRAC | T NO. 6 | 6L83 |
| SHEET 1 OF 2 SHEETS STA. TO STA. | | ILLINOIS FED. | AID PROJECT | | |

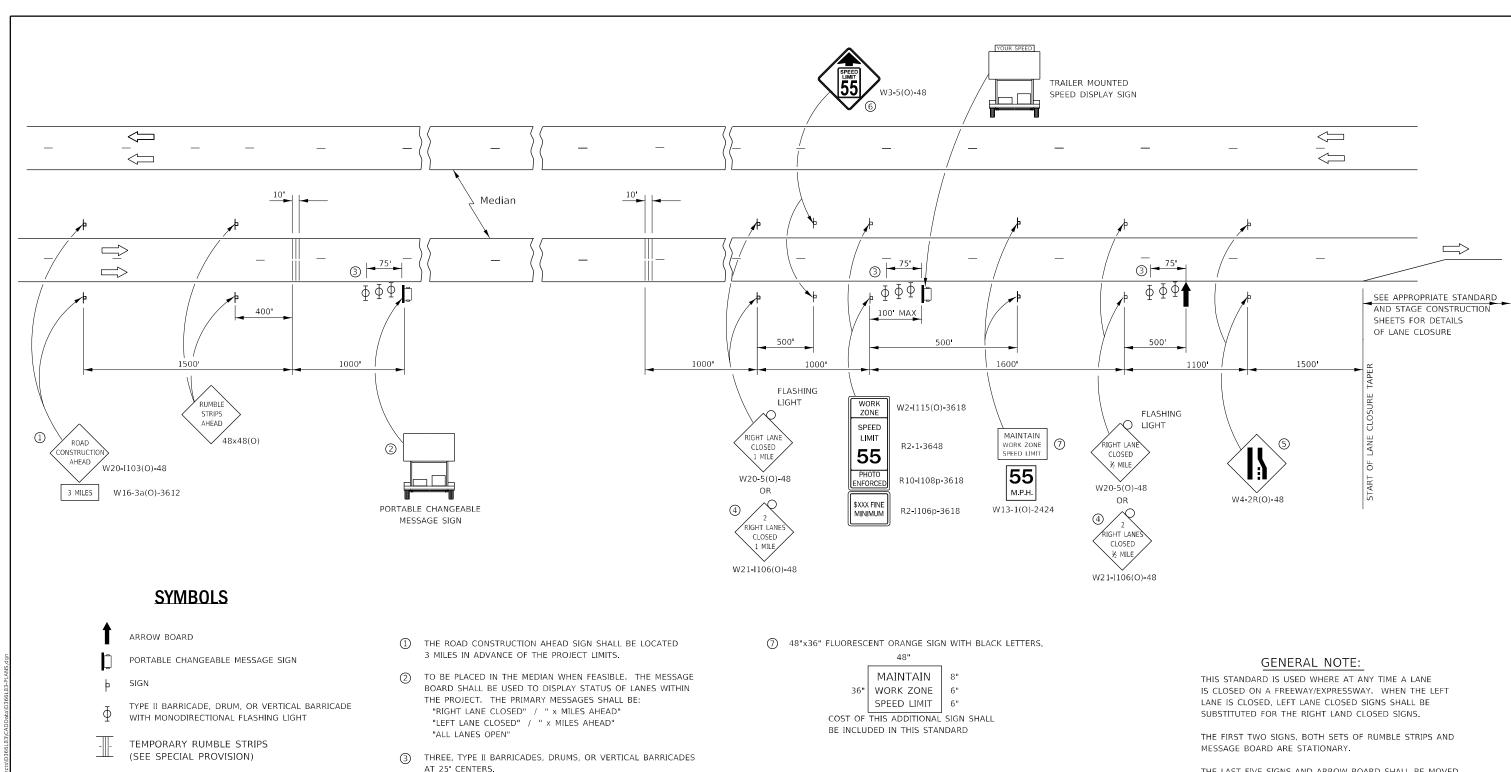
PATCHING SCHEDULE IROQUOIS COUNTY - NORTHBOUND LANES

| | | | | PASSING L | ANE | | | | | | DRIVING | LANE | | |
|-------------|--------|-------|-------|-----------|---------------|------|------|--------|-------|-------|-----------|---------------|------|------|
| | | CLAS | S A | CLASS A | PATCH | SAW | TIE | | CLAS | S A | CLASS A | PATCH | SAW | TIE |
| LOCATION | PATCH | TYPE | TYPE | PATCH | REINFORCEMENT | CUTS | BARS | PATCH | TYPE | TYPE | PATCH | REINFORCEMENT | CUTS | BARS |
| | LENGTH | ΙΙ | III | EXPANSION | | | | LENGTH | ΙΙ | III | EXPANSION | | | |
| | | | | JOINT | | | | | | | JOINT | | | |
| MILE MARKER | FEET | SQ YD | SQ YD | FOOT | SQ YD | FOOT | EACH | FEET | SQ YD | SQ YD | FOOT | SQ YD | FOOT | EACH |
| 274.50 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 272.90 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 272.90 | 6 | 8 | | | 8 | 36 | 44 | | | | | | | |
| 272.85 | | | | | | | | 12 | | 16 | 12 | 16 | 48 | 44 |
| 272.85 | 12 | | 16 | 12 | 16 | 48 | 44 | | | | | | | |
| 272.80 | | | | | | | | 12 | | 16 | 12 | 16 | 48 | 44 |
| 272.80 | 12 | | 16 | 12 | 16 | 48 | 44 | | | | | | | |
| 272.10 | 10 | 13 | | | 13 | 44 | 44 | | | | | | | |
| 270.20 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 270.00 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 269.80 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 269.60 | | | | - | | ļ | | 6 | 8 | | | 8 | 36 | 44 |
| 269.50 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 269.40 | | | | | | | | 6 | 8 | | | 8 | 36 | 44 |
| 267.80 | 10 | 2.1 | 2.2 | | | 176 | 44 | 6 | 8 | 2.2 | 2.1 | 8 | 36 | 44 |
| SUBTOTALS | 40 | 21 | 32 | 24 | 53 | 176 | 220 | 78 | 72 | 32 | 24 | 104 | 420 | 484 |
| TOTALS | 118 | 93 | 64 | 48 | 157 | 596 | 704 | | | | | | | |

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | so | CHE | DULES | S - S | SOUTHB | OUND L | ANES | F.A.I. RTE. 57 |
|---|--------|-------|-----|-------|-------|--------|--------|---------|----------------------|
| ŀ | | | | | | | | | |
| ı | SCALE: | SHEET | 2 | OF | 2 | SHEETS | STA. | TO STA. | |



AT 25' CENTERS.

4 THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.

WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.

THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

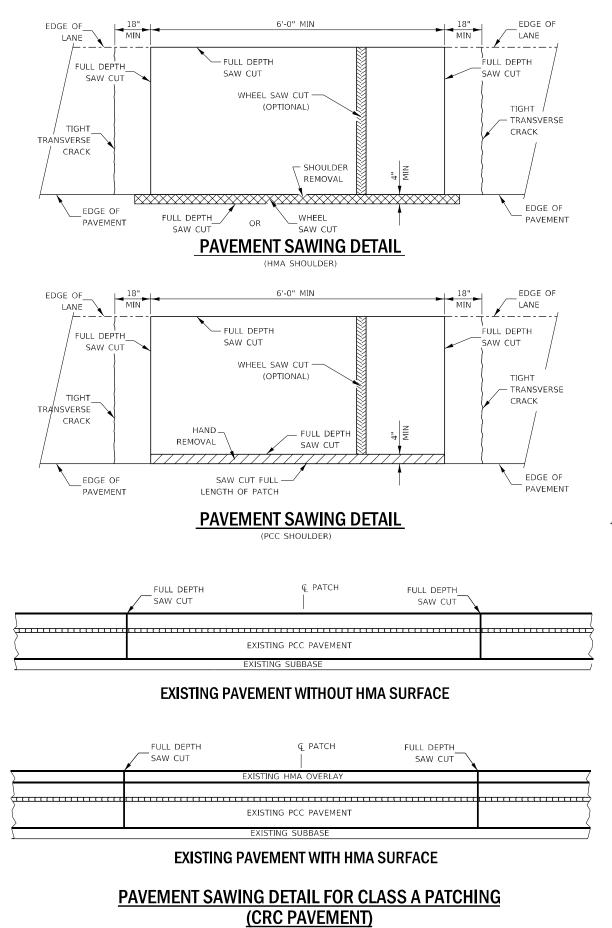
THE LAST FIVE SIGNS AND ARROW BOARD SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

| USER NAME = woodshankrl | DESIGNED | - | RW | REVISED | - | |
|-----------------------------|----------|---|----------|---------|---|--|
| | DRAWN | - | RW | REVISED | - | |
| PLOT SCALE = 100.0000 / in. | CHECKED | - | YP | REVISED | - | |
| PLOT DATE = 3/8/2021 | DATE | - | 3/8/2021 | REVISED | - | |

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

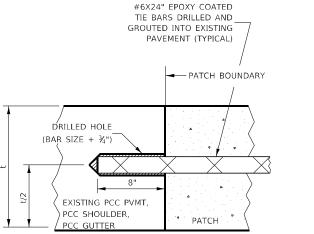
SCALE:

| TRAFFIC CONTROL AND DROTFOTION OTANDARD TO 4 400 | F.A.I. RTE | SECTION | COUNTY | TOTAL SHEETS | |
|--|---------------|---------------|-------------|-----------------|------|
| TRAFFIC CONTROL AND PROTECTION, STANDARD 701400 | 57 | 38(3-9)PP-2 | IROQUOIS | 11 | 8 |
| | | | CONTRAC | CT NO. 6 | 6L83 |
| SHEET 1 OF 1 SHEETS STA. TO STA. | | ILLINOIS FED. | AID PROJECT | | |



TRANSVERSE REBAR SHALL EXTEND TO OUTER LONGITUDINAL REBAR— WHILE PROVIDING A MINIMUM 3" CLEARANCE FROM EXISTING PAVEMENT EDGE

PAVEMENT REINFORCEMENT DETAIL



LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.

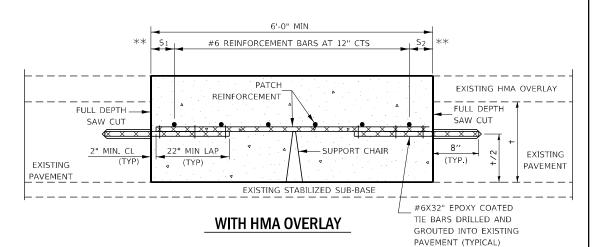
NOTES:

EXISTING #7 LONGITUDINAL REINFORCEMENT SPACING IS $6\frac{1}{2}$ "

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

- * EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.
- ** VARIABLES WHERE S_1 AND S_2 ARE $2\frac{1}{2}$ " MIN. AND 12" MAX.

#6 REINFORCEMENT BARS AT 12" CTS PATCH REINFORCEMENT FULL DEPTH __ FULL DEPTH SAW CUT SAW CUT 22" MIN LAP <u>2" M</u>IN CL 8′′ — SUPPORT CHAIR PATCH (TYP) (TYP.) **EXISTING EXISTING** PAVEMENT **PAVEMENT** EXISTING STABILIZED SUB-BASE #6X32" EPOXY COATED TIE BARS DRILLED AND WITHOUT HMA OVERLAY GROUTED INTO EXISTING



PAVEMENT (TYPICAL)

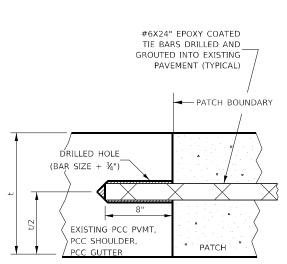
PATCHING DETAIL FOR CLASS A PATCHING (CRC PAVEMENT)

| USER NAME = woodshankrl | DESIGNED | - | RW | REVISED | - |
|-----------------------------|----------|---|----------|---------|---|
| | DRAWN | - | RW | REVISED | - |
| PLOT SCALE = 100.0000 / in. | CHECKED | - | YP | REVISED | - |
| PLOT DATE = 3/8/2021 | DATE | _ | 3/8/2021 | REVISED | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

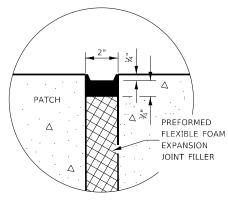
| | <u> </u> | | • - | | DETAIL O | | F.A.I. RTE | SEC ⁻ | LION | | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----|--------------------------|----|-----|--------|----------|---------|---------------|------------------|----------|----------|-----------|-----------------|--------------|
| | CLASS A PATCHING DETAILS | | | | | 57 | 38(3-9)PP-2 | | | IROQUOIS | 11 | 9 | |
| | | | | | | | | | | | CONTRAC | CT NO. 6 | 3L83 |
| EET | 1 | OF | 2 | SHEETS | STA. | TO STA. | | | ILLINOIS | FED. AI | D PROJECT | | |

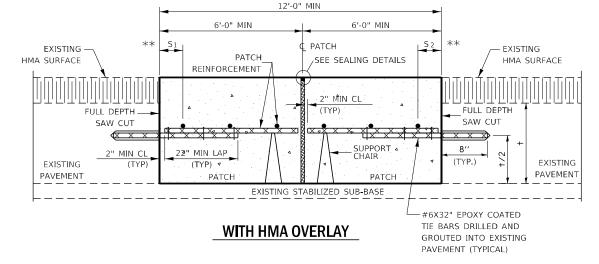
PAVEMENT REINFORCEMENT DETAIL



LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 36" CENTERS.





12'-0" MIN

PATCH

EXISTING STABILIZED SUB-BASE

WITHOUT HMA OVERLAY

6'-0" MIN

SEE SEALING DETAILS

2" MIN CL

6'-0" MIN

PATCH-

REINFORCEMENT

22" MIN LAP

4 (TYP)

FULL DEPTH _

SAW CUT

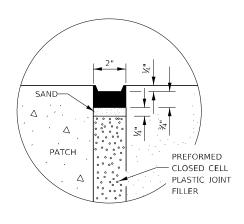
2" MIN CL

EXISTING

PAVEMENT

CLASS A PATCH WITH EXPANSION JOINT

SEALING DETAIL



SEALING DETAIL

NOTES:

EXISTING LONGITUDINAL REINFORCEMENT SPACING; 4".

FULL DEPTH

EXISTING PAVEMENT

SAW CUT

(TYP.)

-#6X32" EPOXY COATED TIE BARS DRILLED AND

GROUTED INTO EXISTING PAVEMENT (TYPICAL)

SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.

SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0"

 \star EVERY THIRD INTERSECTION MUST BE TIED. WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.

** VARIABLES WHERE $\rm S_1$ AND $\rm S_2$ ARE 2½" MIN. AND 12" MAX.

| USER NAME = woodshankrl | DESIGNED | - | RW | REVISED | - | Г |
|-----------------------------|----------|---|----------|---------|---|---|
| | DRAWN | - | RW | REVISED | - | |
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| STATE OF ILLINOIS |
|------------------------------|
| DEPARTMENT OF TRANSPORTATION |
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| CLASS A PATCHING DETAILS | | | | | | | | F.A.I. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------------|-------|---|----|---|--------|------|---------|---------------------------|-------------|----------|-----------------|--------------|
| | | | | | | | LS | 57 | 38(3-9)PP-2 | IROQUOIS | 11 | 10 |
| | | | | | | | | CONTRACT NO. 66L83 | | | | |
| | SHEET | 2 | OF | 2 | SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | | | |

