

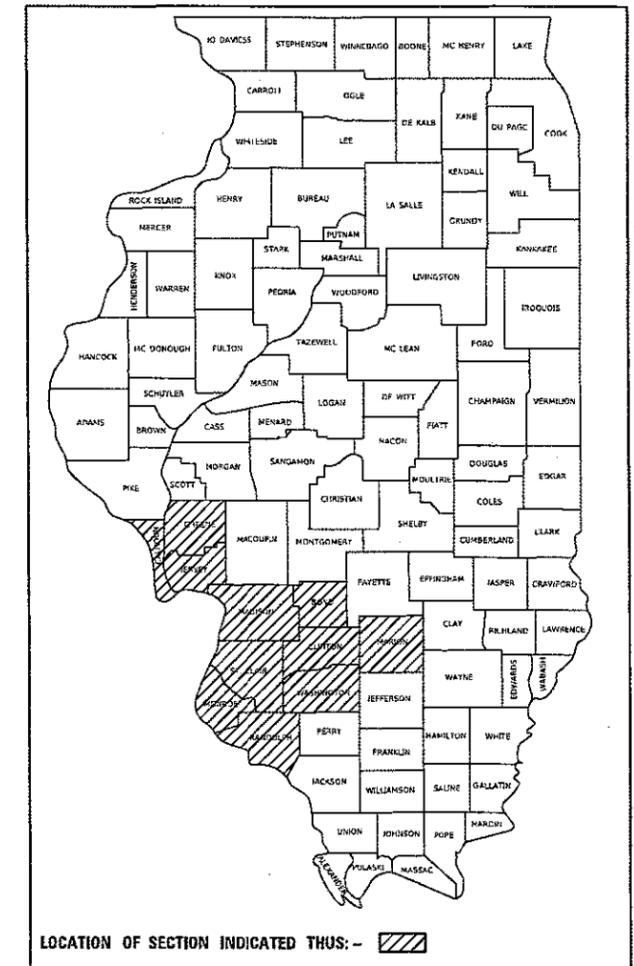
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|------------------------|----------|--------------------|-----------|
| - | DIST 8 PATCHING 2018-1 | VARIOUS | 6 | 1 |
| | | ILLINOIS | CONTRACT NO. 76L57 | |

• VARIOUS

PROPOSED HIGHWAY PLANS

D-98-072-18

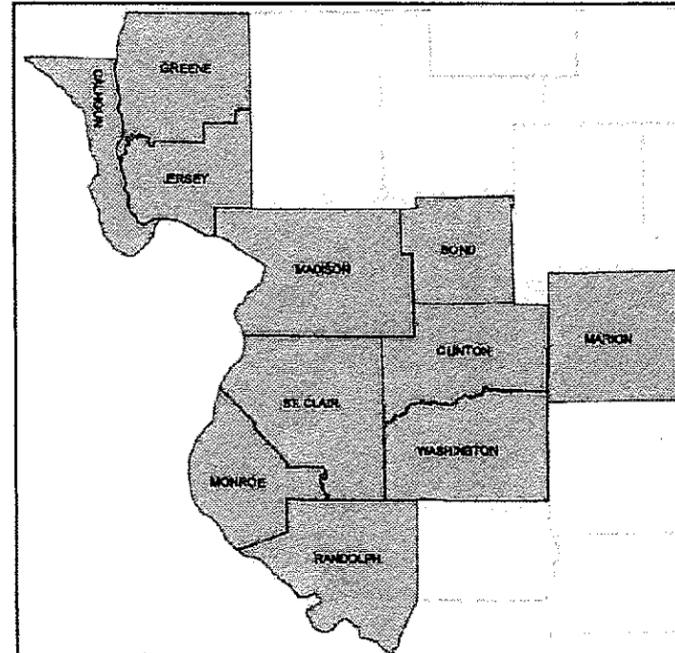


INDEX OF SHEETS

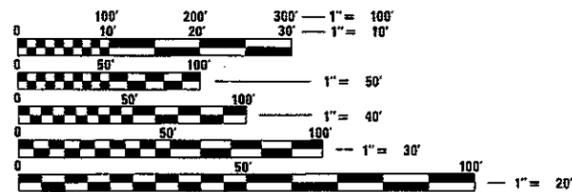
- 1 COVER SHEET
- 2 HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3-5 SUMMARY OF QUANTITIES
- 6 DETAILS

VARIOUS ROUTES
SECTION DIST 8 PATCHING 2018-1
PATCHING
VARIOUS COUNTIES

C-98-256-18



NOT TO SCALE



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: HERVE GELIN (618) 346-3179
SQUAD LEADER: BILLIE OWEN (618) 346-3209

CONTRACT NO. 76L57

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 20, 2018

Jeffrey Z. [Signature]
REGIONAL ENGINEER

May 1, 2018
cc [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 1, 2018
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

HIGHWAY STANDARDS

| | |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 420001-09 | PAVEMENT JOINTS |
| 420101-06 | 24' (7.2 M) JOINTED PCC PAVEMENT |
| 420106-06 | 36' (10.8 M) JOINTED PCC PAVEMENT |
| 420701-03 | PAVEMENT WELDED WIRE REINFORCEMENT |
| 421001-03 | BAR REINFORCEMENT FOR CRC PAVEMENT |
| 421101-10 | 24' (7.2 M) CRC PAVEMENT (WIDTH WIDE FLANGE BEAM TERMINAL JOINT) |
| 442001-04 | CLASS A PATCHES |
| 442101-08 | CLASS B PATCHES |
| 442201-03 | CLASS C AND D PATCHES |
| 601001-05 | PIPE UNDERDRAINS |
| 701201-04 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH |
| 701206-04 | LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS ≥ 45 MPH |
| 701336-06 | LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH |
| 701400-09 | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701401-11 | LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701406-11 | LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY |
| 701411-09 | LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH |
| 701421-08 | LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH |
| 701422-10 | LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH |
| 701428-01 | TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY |
| 701446-09 | TWO LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701456-05 | PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY |
| 701502-08 | URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE |
| 701601-09 | URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN |
| 701602-09 | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE |
| 701606-10 | URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN |
| 701901-07 | TRAFFIC CONTROL DEVICES |

I.D.O.T. CONTACT PERSONS

CRAIG POETTKER, ZONE 1: OFFICE PHONE (618) 346-3279
 GREENE, JERSEY, MADISON AND
 CALHOUN COUNTIES

TIM PRICE, ZONE 2: OFFICE PHONE (618) 346-3284
 ST. CLAIR AND MONROE COUNTIES

JOSEPH MONROE, ZONE 3: OFFICE PHONE (618) 346-3250
 CLINTON, WASHINGTON, BOND,
 MARION AND RANDOLPH COUNTIES

GENERAL NOTES

- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123, OR 811) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS 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.
- 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.
- A FLAGGER SHALL BE REQUIRED AT ALL TIMES WHEN WORKERS OR EQUIPMENT ARE ENCROACHING UPON THE LANE OF TRAFFIC.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS. THE LATERAL PLACEMENT OF THE FLAGGER MAY BE VARIED FROM THAT SHOWN.
- FORM BSPE 725 IS REQUIRED.
- NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED ON TWO LANE, TWO-WAY PAVEMENT.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| MIXTURE USE | PATCHING | SHOULDERS ≥ 2.25" | SHOULDERS < 2.25" |
|-----------------------------|-----------------------|-----------------------|-----------------------|
| AC/PG | PG 64-22 | PG 64-22 | PG 64-22 |
| RAP % (MAX) | SEE SPECIAL PROVISION | SEE SPECIAL PROVISION | SEE SPECIAL PROVISION |
| DESIGN AIR VOIDS | 4.0% @ Ndes=70 | 4.0% @ Ndes=30 | 4.0% @ Ndes=30 |
| MIX COMPOSITION (GRADATION) | IL 19.0 | IL 19.0 | IL 9.5L |
| FRICTION AGG | MIXTURE "B" | | |
| QUALITY MGMT PROGRAM | QC/QA | QC/QA | QC/QA |

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

COMMITMENTS

NONE

* VARIOUS

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| | | |
|------------------------------|------------|-----------|
| USER NAME = haarbaugjhrd | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/16/2018 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGHWAY STANDARDS, GENERAL NOTES,
AND COMMITMENTS**

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

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|------------------------|----------|--------------------|-----------|
| * | DIST 8 PATCHING 2018-1 | VARIOUS | 6 | 2 |
| | | | CONTRACT NO. 76L57 | |
| | | ILLINOIS | FED. AID PROJECT | |

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| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTR. CODE | |
|----------|---|-------|----------------|--------------|------|
| | | | | 100% STATE | |
| | | | | ROADWAY | |
| | | | | 0006 | NONE |
| 44200050 | WELDED WIRE REINFORCEMENT | SQ YD | 280 | 280 | |
| 44201294 | CLASS B PATCH - EXPANSION JOINT | FOOT | 40 | 40 | |
| 44213200 | SAW CUTS | FOOT | 3520 | 3520 | |
| 44213204 | TIE BARS 3/4" | EACH | 144 | 144 | |
| 50800105 | REINFORCEMENT BARS | POUND | 3520 | 3520 | |
| 60100060 | CONCRETE HEADWALLS FOR PIPE DRAINS | EACH | 4 | 4 | |
| 60100070 | SHOULDER REMOVAL AND REPLACEMENT | FOOT | 44 | 44 | |
| 60100080 | FRENCH DRAINS | CU YD | 20 | 20 | |
| 60108100 | PIPE UNDERDRAINS 4" (SPECIAL) | FOOT | 32 | 32 | |
| 60108204 | PIPE UNDERDRAINS, TYPE 2, 4" | FOOT | 60 | 60 | |
| 70100205 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 | EACH | 7 | 7 | |
| 70100315 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701422 | EACH | 1 | 1 | |
| 70100420 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 | EACH | 4 | 4 | |
| 70100430 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701446 | EACH | 2 | 2 | |

4

* VARIOUS

| | | |
|------------------------------|------------|-----------|
| USER NAME = harbaughrd | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/16/2018 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| SUMMARY OF QUANTITIES | | | |
|-----------------------|---------|-------------|--------------|
| SCALE: NA | SHEET 1 | OF 3 SHEETS | STA. TO STA. |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------------------|---------|--------------|--------------------|
| * | DIST 8 PATCHING 2018-1 | VARIOUS | 6 | 3 |
| | | | | CONTRACT NO. 76157 |
| ILLINOIS FED. AID PROJECT | | | | |

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTR. CODE | |
|----------|---|---------|----------------|--------------|---------|
| | | | | 100% STATE | ROADWAY |
| | | | | 0006 | NONE |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DAY | 12 | 12 | |
| X0326889 | PAVEMENT REPLACEMENT, HOT-MIX ASPHALT | CU YD | 200 | 200 | |
| X6011605 | PIPE DRAINS 4" (SPECIAL) | FOOT | 32 | 32 | |
| X7010218 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | EACH | 38 | 38 | |
| X7010410 | SPEED DISPLAY TRAILER | CAL MO | 3 | 3 | |
| Z0002700 | BARRICADES | EACH | 160 | 160 | |
| Z0008759 | CALL OUT | EACH | 5 | 5 | |
| Z0016001 | DECK SLAB REPAIR (FULL DEPTH, TYPE I) | SQ YD | 4 | 4 | |
| Z0016002 | DECK SLAB REPAIR (FULL DEPTH, TYPE II) | SQ YD | 4 | 4 | |
| Z0016200 | DECK SLAB REPAIR (PARTIAL) | SQ YD | 80 | 80 | |
| Z0017099 | DOWEL BAR ASSEMBLY | EACH | 6 | 6 | |
| Z0018900 | DRILL AND GROUT DOWEL BARS | EACH | 560 | 560 | |
| Z0021400 | EXPANSION JOINT (SPECIAL) | FOOT | 40 | 40 | |
| Z0029602 | TEMPORARY SIGNING | EACH | 8 | 8 | |

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* VARIOUS

| | | |
|------------------------------|------------|-----------|
| USER NAME = narbaughrd | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/16/2018 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------------------|---------|--------------------|-----------|
| * | DIST 8 PATCHING 2018-1 | VARIOUS | 6 | 4 |
| | | | CONTRACT NO. 76L57 | |
| ILLINOIS FED. AID PROJECT | | | | |

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTR. CODE |
|----------|--|-------|----------------|--------------|
| | | | | 100% STATE |
| | | | | ROADWAY |
| | | | | 0006 |
| | | | | NONE |
| Z0038111 | PAVEMENT REMOVAL FOR PATCHING, CASE A | CU YD | 120 | 120 |
| Z0038112 | PAVEMENT REMOVAL FOR PATCHING, CASE B | CU YD | 100 | 100 |
| Z0038113 | PAVEMENT REMOVAL FOR PATCHING, CASE C | CU YD | 60 | 60 |
| Z0062454 | PAVEMENT REPLACEMENT, CONCRETE SPECIAL | CU YD | 12 | 12 |
| Z0062455 | PAVEMENT REPLACEMENT, CONCRETE | CU YD | 200 | 200 |
| Z0076604 | TRAINEES TRAINING PROGRAM GRADUATE | HOUR | 500 | 500 |

Ø

Ø 0042

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* VARIOUS

| | | |
|------------------------------|------------|-----------|
| USER NAME = hrbaughtd | DESIGNED - | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - | REVISED - |
| PLOT DATE = 3/16/2018 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NA SHEET 3 OF 3 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------------------|---------|--------------------|-----------|
| * | DIST 8 PATCHING 2018-1 | VARIOUS | 6 | 5 |
| | | | CONTRACT NO. 76L57 | |
| ILLINOIS FED. AID PROJECT | | | | |

