

058

07-12-2019 LETTING ITEM 058

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-------------------|----------|--------------------|-----------|
| 312 | (68, 69, 70)CJS-1 | MONROE | 7 | 1 |
| | | ILLINOIS | CONTRACT NO. 76M75 | |

X

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

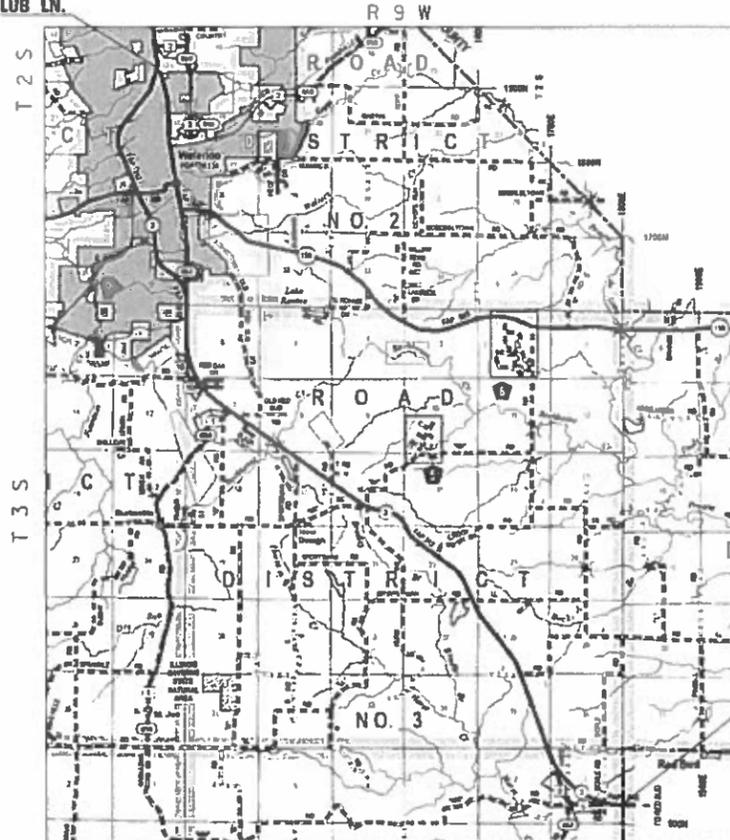
FAP 312 (IL ROUTE 3)
SECTION (68, 69, 70)CJS-1
PROJECT NHPP-0PQD(341)
CRACK & JOINT SEAL
MONROE COUNTY

D-98-089-19



BEGIN PROJECT - 0.1 MILES OF COUNTRY CLUB LN.
0.0 M.S.
LAT: 38.3597
LONG: -90.1535

C-98-108-19



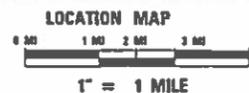
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: TIM PADGETT (618) 346-3325
PROJECT MANAGER: DIANA MURRAY (618) 346-3207

CONTRACT NO. 76M75

END PROJECT - RANDOLPH COUNTY LINE
13.42 M.S.
LAT: 38.2122
LONG: -90.0363



GROSS LENGTH = 70,857.6 FT. = 13.42 MILE
NET LENGTH = 70,857.6 FT. = 13.42 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 3, 2019
Keith Roberts
REGIONAL ENGINEER

June 14, 2019
E.A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

June 14, 2019
Paul P. Chaf
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 3

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, ADT & COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 LOCATION MAP
- 5 TYPICAL SECTIONS
- 6 SCHEDULE OF QUANTITIES
- 7 CRACK AND JOINT SEALING DETAILS

STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W SHORT TERM OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
- 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BI-DIRECTION LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-08 TRAFFIC CONTROL DEVICES

GENERAL NOTES

1. 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.

UTILITY INTERFERENCES ARE NOT ANTICIPATED ON THIS CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS. NO ADDITIONAL COST SHALL BE ADDED TO THE CONTRACT RESULTING FROM UTILITY CONFLICTS.
2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
4. ANY RAISED REFLECTIVE PAVEMENT MARKERS ENCOUNTERED SHALL BE LEFT IN PLACE. ROUTING SHALL BE GAPPED WHERE RAISED REFLECTIVE PAVEMENT MARKERS ARE ENCOUNTERED SO AS TO LEAVE THEM FUNCTIONAL.
5. THE RESIDENT ENGINEER/TECHNICIAN SHALL DETERMINE THE EXACT LOCATION WHERE CRACKS ARE TO BE ROUTED AND FILLED.
6. ESTIMATED APPLICATION RATE IS 0.33 LB/FT.
7. CARE SHALL BE TAKEN TO AVOID ALL PAVEMENT MARKINGS. ANY PAVEMENT MARKINGS DISTURBED FOR ANY REASON BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
8. ALL STRUCTURES ARE OMITTED FROM THIS CONTRACT.
9. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED ON THIS PROJECT.

TRAFFIC DATA

| LOCATION | COUNTRY CLUB LN. TO N. MARKET ST. | N. MARKET ST. TO N. MOORE ST. |
|----------|-----------------------------------|-------------------------------|
| 2019 ADT | 19500 (ACTUAL) | 15400 (ACTUAL) |
| 2039 ADT | 26300 (ESTIMATED) | 20700 (ESTIMATED) |
| MU% | 2.3 | 2.4 |
| SU% | 2.3 | 2.4 |

| LOCATION | N. MOORE ST. TO IL 156 | IL 156 TO S. LIBRARY ST. |
|----------|------------------------|--------------------------|
| 2019 ADT | 14000 (ACTUAL) | 8950 (ACTUAL) |
| 2039 ADT | 18900 (ESTIMATED) | 12100 (ESTIMATED) |
| MU% | 2.5 | 3.1 |
| SU% | 2.9 | 4.5 |

| LOCATION | S. LIBRARY ST. TO RANDOLPH COUNTY LINE |
|----------|--|
| 2019 ADT | 10300 (ACTUAL) |
| 2039 ADT | 13900 (ESTIMATED) |
| MU% | 4.4 |
| SU% | 5.3 |

COMMITMENTS

NONE

80% FED
20% STATE

CONSTRUCTION CODE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE | |
|----------|---|-------|----------------|--------------------|--------------------|
| | | | | ROADWAY 0005 URBAN | ROADWAY 0005 RURAL |
| 45100100 | CRACK ROUTING (PAVEMENT) | FOOT | 276737 | 125453 | 151284 |
| 45100200 | CRACK FILLING | POUND | 91323 | 41399 | 49924 |
| 67100100 | MOBILIZATION | L SUM | 1 | 0.3 | 0.7 |
| 70100450 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 | L SUM | 1 | | 1 |
| 70100460 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 | L SUM | 1 | | 1 |
| 70102632 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 | L SUM | 1 | 1 | |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 | 1 | |
| 70200100 | NIGHTTIME WORK ZONE LIGHTING | L SUM | 1 | 1 | |

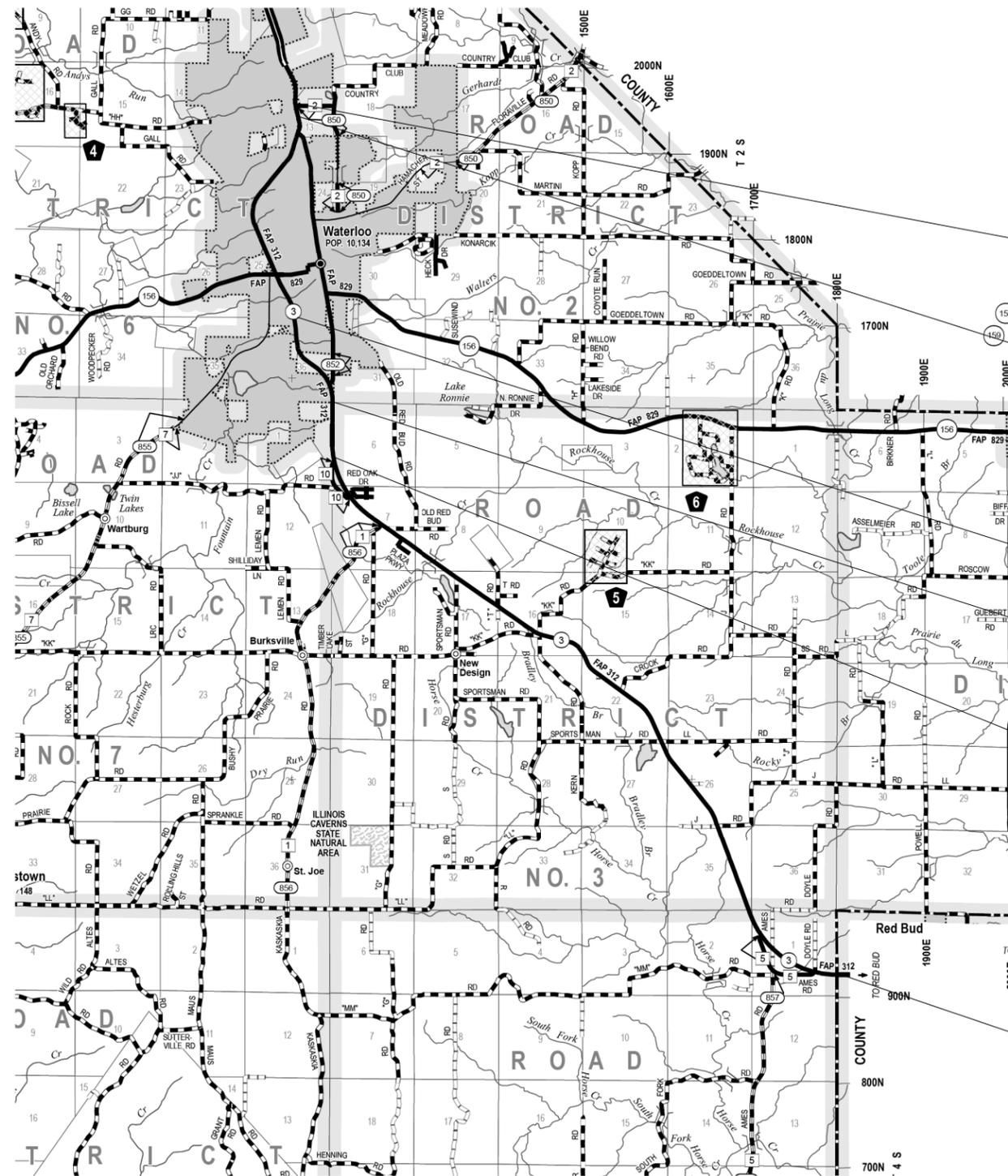
| | | | |
|---|----------------------|------------------|-----------------|
| FILE NAME = | USER NAME = murrayda | DESIGNED - _____ | REVISED - _____ |
| p:\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\0876M75\DRAN\to\CADsheets\0876M75-sht-500.dgn | | CHECKED - _____ | REVISED - _____ |
| \$MODELNAME\$ | PLOT DATE = 6/3/2019 | DATE - _____ | REVISED - _____ |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|--------|--------------------|-----------|
| 312 | (68,69,70)CJS-1 | MONROE | 7 | 3 |
| | | | CONTRACT NO. 76M76 | |
| ILLINOIS FED. AID PROJECT | | | | |



COUNTRY CLUB LANE

BEGIN PROJECT AT EXISTING JOINT/
 BEGIN 5-LANE SECTION
 APPROX. 0.1 MI S. OF COUNTRY CLUB LN.
 0.00 M.S.

IL ROUTE 3

S. MARKET ST.

END 5-LANE SECTION/ BEGIN 2-LANE SECTION
 APPROX. 0.26 MI S. OF S. MARKET ST.
 3.96 M.S.

END PROJECT/ 2-LANE SECTION AT
 RANDOLPH COUNTY LINE
 13.42 M.S.

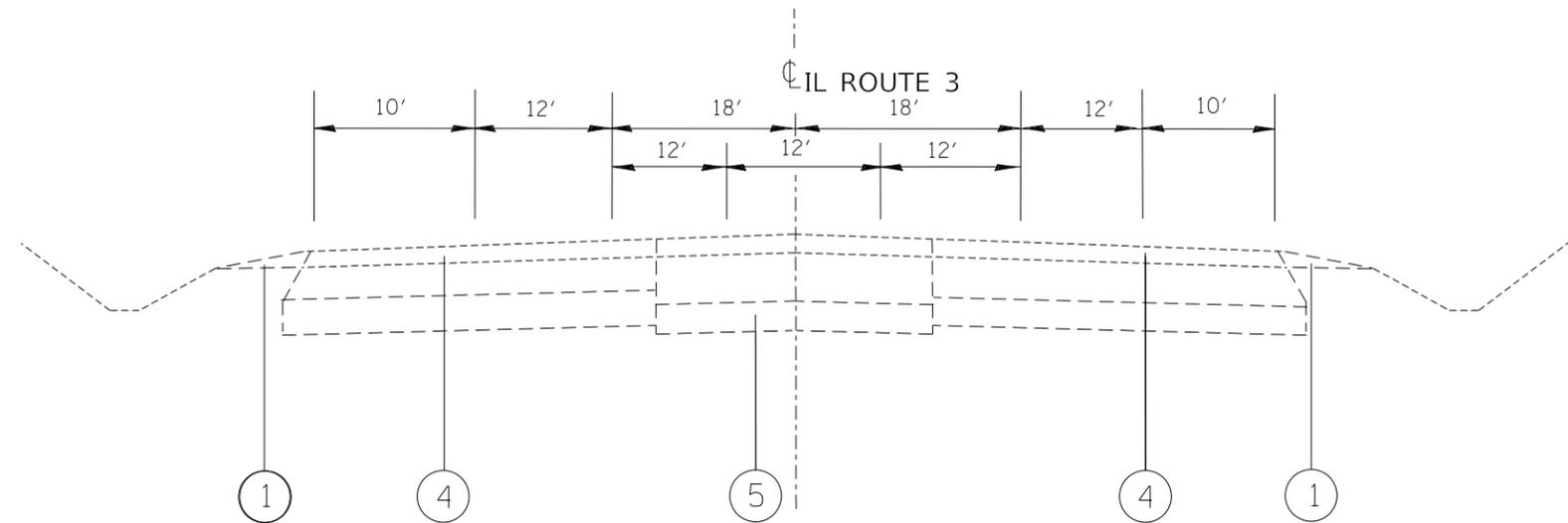
| | | | |
|--|----------------------|------------|-----------|
| FILE NAME = | USER NAME = murrayda | DESIGNED - | REVISED - |
| p:\planroom\dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 8\Projects\D876M75\DRAND\to\CABsheets\D876M75-sht-plan.dgn | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |
| | | | |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

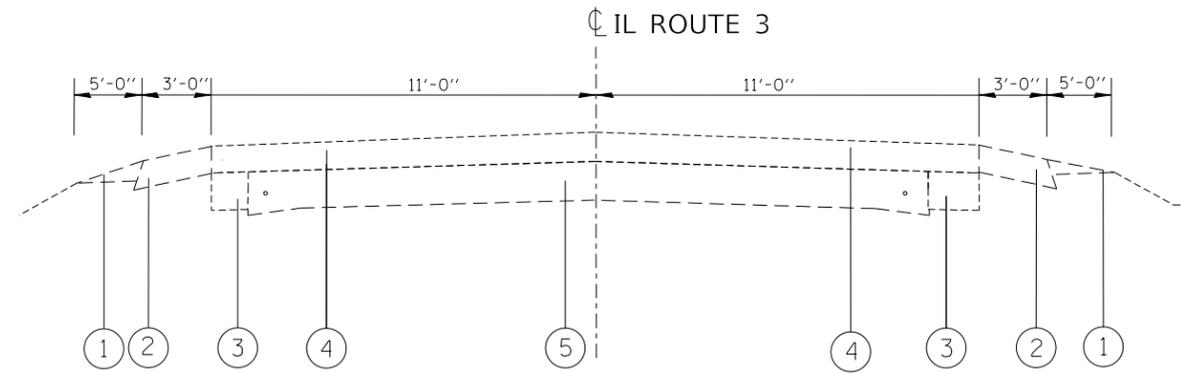
LOCATION MAP

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-----------------|--------|--------------------|-----------|
| 312 | (68,69,70)CJS-1 | MONROE | 7 | 4 |
| | | | CONTRACT NO. 76M75 | |
| FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT | | | | |



EXISTING TYPICAL SECTION
 (5-LANE SECTION)
 0.00 M.S. TO 3.96 M.S.



EXISTING TYPICAL SECTION
 (2-LANE SECTION)
 3.96 M.S. TO 13.42 M.S.

LEGEND

- ① EXISTING AGGREGATE WEDGE SHOULDERS, TYPE B
- ② EXISTING HMA SHOULDERS, 6"
- ③ EXISTING P.C.C WIDENING, 8"
- ④ EXISTING BITUMINOUS RESURFACING, 6"
- ⑤ EXISTING P.C.C. PAVEMENT, 9"-6"-9"

| | | | |
|--|----------------------|------------------|-----------------|
| FILE NAME = | USER NAME = murrayda | DESIGNED - _____ | REVISED - _____ |
| pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\0876M75\DRAND\to\CADsheets\0876M75-sh-typical.dgn | | CHECKED - _____ | REVISED - _____ |
| \$MODELNAME\$ | PLOT DATE = 6/1/2019 | DATE - _____ | REVISED - _____ |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

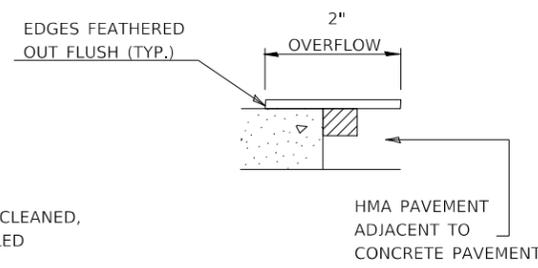
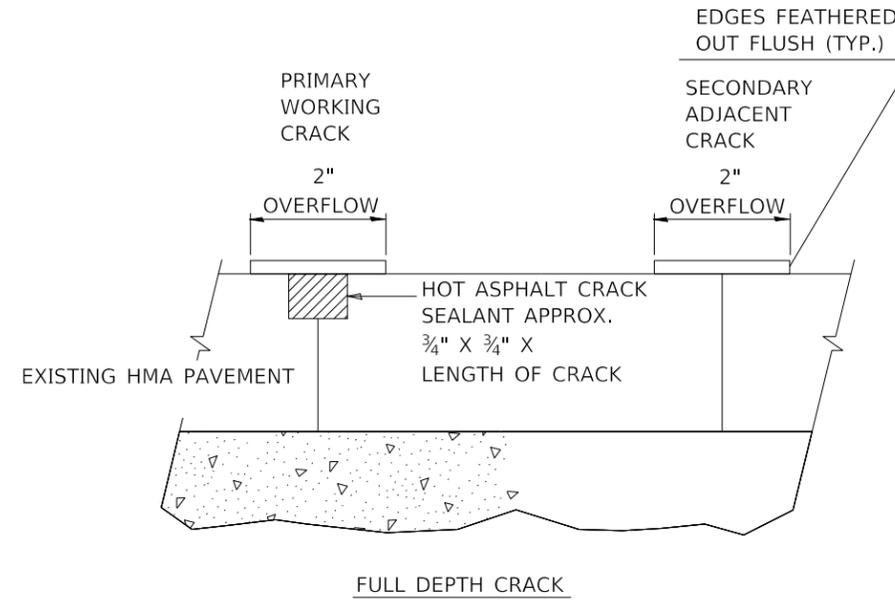
TYPICAL SECTIONS
 SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|-----------------|--------|---------------------------|-----------|
| 312 | (68,69,70)CJS-1 | MONROE | 7 | 5 |
| CONTRACT NO. 76M75 | | | ILLINOIS FED. AID PROJECT | |

CRACK AND JOINT SEAL SCHEDULE

| MILE STATION TO MILE STATION | LONGITUDINAL CRACK | TRANSVERSE CRACKS | CRACK ROUTING | CRACK FILLING |
|------------------------------------|-----------------------|----------------------|------------------|------------------|
| | NO. OF JOINTS | FOOT | FOOT | POUND |
| 5-LANE SECTION | | | | |
| 0.00 - 3.96 | 6 | | 125453 | 41399 |
| 2-LANE SECTION | | | | |
| 3.96 - 13.42 | 3 | 1438 | 151284 | 49924 |
| TOTAL: | | | 276737 | 91323 |

NO TRANSVERSE CRACKS WERE FOUND IN THE 5-LANE SECTION
 CRACK FILLING WAS ESTIMATED USING 0.33 POUNDS PER FOOT.



TRANSVERSE/LONGITUDINAL JOINT

CRACK & JOINT SEALING DETAILS

| | | | |
|--|----------------------|------------|----------|
| FILE NAME = | USER NAME = murrayda | DESIGNED - | REVISD - |
| p:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 8\Projects\D876M75\DRAND\CA\Sheets\D876M75-sht-plan.dgn | | CHECKED - | REVISD - |
| | | DATE - | REVISD - |
| | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|--|-------------------------|
| CRACK & JOINT SEALING DETAILS | |
| SCALE: NONE | SHEET NO. 1 OF 1 SHEETS |
| STA. _____ | TO STA. _____ |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-----------------|--------|--------------------|-----------|
| 312 | (68,69,70)CJS-1 | MONROE | 7 | 7 |
| FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 76M75 | |