

|                      |         |                           |              |           |
|----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE.          | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 840                  | 143N    | WILL                      | 121          | 20        |
| STA.                 |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO.  |         | ILLINOIS FED. AID PROJECT |              |           |
| CONTRACT NO. - 60445 |         |                           |              |           |

**IL. 50 @ COURT ST.  
STAGING & OPERATION OF SEQUENCE**

• **PRE-STAGE TO STAGING CONSTRUCTION:**

- ① REMOVE THE TREES AS MARKED ON THE PLANS & AS DIRECTED BY THE ENGINEER, ON IL. 50, COURT ST. & MAIN ST.
- ② CONSTRUCT ALL THE PROPOSED STORM SEWERS, DRAINAGE STRUCTURES & LATERALS ON THE MAINLINE (IL. 50), COURT ST. & MAIN ST.
- ③ REMOVE EXISTING AGGREGATE SHOULDER FOR PROPOSED TEMPORARY PAVEMENT ON MAINLINE (IL. 50) WEST SIDE.
- ④ CONSTRUCT TEMPORARY WIDENING ON WEST SIDE OF EXISTING IL. 50 (NORTHBOUND).
- ⑤ MAINTAIN THE EXISTING TRAFFIC IN ACCORDANCE WITH STD. 701326. ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STDS. 702101, 701606 & 701701.
- ⑥ REPLACE EXISTING PAVEMENT MARKINGS WITH STAGE I PAVEMENT MARKINGS, SIGNING & BARRICADING.
- ⑦ INSTALL TEMPORARY EROSION CONTROL MEASURES ALONG IL. 50.
- ⑧ MAINTAIN THE EXISTING TRAFFIC ON THE SOUTHBOUND LANES OF IL. 50.
- ⑨ PLACE PAVEMENT MARKERS, IN ALL TEMPORARY STRIPING, SIGNING & BARRICADES BEFORE CONSTRUCTION ON STAGE I BEGINS.

• **STAGE I (IL. 50): RECONSTRUCTION**

- ① SHIFT IL. 50 TRAFFIC TO THE WEST AS SHOWN ON PLANS AND AS STAGING TYPICAL CROSS SECTIONS.
- ② REMOVE THE EXISTING PAVEMENT AS SHOWN ON STAGE I PLAN & TYPICAL CROSS SECTION OF IL. 50 (EAST SIDE).
- ③ DO EARTHWORK (CUT & FILL) AS DIRECTED BY THE ENGINEER & AS SHOWN ON THE CROSS SECTIONS.
- ④ CONSTRUCT COMB. CONC. CURB & GUTTER, P.C.C. SIDEWALK & HMA PAVEMENT AS FOLLOWS
  - REMOVAL AND REPLACEMENT WITH POROUS GRANULAR EMBANKMENT AS SHOWN ON THE TYPICAL X-SECTION 150 mm (6") (STA. 1+160 TO STA. 1+265 ONLY)
  - AGGREGATE SUBGRADE, 300 mm (12")
  - HMA BINDER COURSE, IL-19, N70, 275 mm (11")
- ⑤ PROVIDE TEMPORARY SEEDING FOR AREAS OF WORK.
- ⑥ PLACE TEMPORARY PAVEMENT MARKING AS PER STAGING PLAN.
- ⑦ MAINTAIN TRAFFIC AS DIRECTED ON STAGE I. ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STDS. 701201, 701701 & 701606.

• **STAGE IA (IL. 50): RECONSTRUCTION**

- ① MAINTAIN THE TRAFFIC FLOW SAME AS IN STAGE I.
- ② CONSTRUCT THE REMAINING PORTION FROM STA. 1+534 TO STA. 1+396.2 AS PER PLAN & AS DIRECTED BY ENGINEER.

**STAGE I (COURT ST.): WIDENING & RESURFACING**

- MAINTAIN THE EXISTING TRAFFIC IN BOTH DIRECTIONS.
- CONSTRUCT ALL OF THE PROPOSED STORM SEWER, STORM LATERALS & DRAINAGE STRUCTURES ON EAST SIDE OF THE ROAD.
- CONSTRUCT COMB. CONC. CURB & GUTTER
- AGGREGATE SUBGRADE, 300 mm (12")
- HMA BASE COURSE WIDENING, 225 mm (9")
- ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STDS. 701201, 701701 & 701606.

**STAGE I (MAIN ST.): RECONSTRUCTION**

- CLOSE THE MAIN ST. EAST LEG FROM STA. 5+000 TO STA. 5+080 AND RECONSTRUCT AS PER PLAN & TYPICAL CROSS SECTION AS FOLLOWS.
- REMOVE THE EXIST. CURB & GUTTER.
- REMOVE THE EXIST. PAVEMENT AS PER EXIST. ROADWAY PLAN & STAGING PLAN.
- THE EARTHWORK (CUT & FILL) AS PER DETAIL CROSS SECTION & AS DIRECTED BY ENGINEER.
- CONSTRUCT COMB. CONC. CURB & GUTTER.
- AGGREGATE SUB-GRADE, 300 mm (12")
- HMA BINDER COURSE, 225 mm (9")
- HMA SURFACE COURSE MIX. "D", N70, 50 mm (2")
- PLACE THERMOPLASTIC PAVEMENT MARKING AS PER PLAN & AS DIRECTED BY ENGINEER AND STAGING PLAN.

**IL. 50 @ COURT ST.**

• **STAGE II (IL. 50):**

- ① REPLACE STAGE I PAVEMENT MARKING, SIGNING & BARRICADING WITH STAGE II TRAFFIC CONTROL PLAN & STAGING TYPICAL SECTION PLAN.
- ② SWITCH THE TRAFFIC AS SUGGESTED ON STAGE II PLAN BEFORE STARTING THE CONSTRUCTION.
- ③ EXTEND THE PROPOSED DRAINAGE LATERALS.
- ④ CONSTRUCT COMB. CONC. CURB & GUTTER, P.C.C. SIDEWALK & HMA PAVEMENT AS FOLLOWS
  - REMOVAL AND REPLACEMENT WITH POROUS GRANULAR EMBANKMENT AS SHOWN ON THE TYPICAL X-SECTION 150 mm (6") (STA. 1+160 TO STA. 1+265 ONLY)
  - AGGREGATE SUBGRADE, 300 mm (12")
  - HMA BINDER COURSE, 275 mm (11")

**STAGE IIA (IL. 50):**

- ① MAINTAIN THE TRAFFIC SAME AS STAGE II.
- ② CONSTRUCT THE GAP OF PAVEMENT IN STAGE II AT INTERSECTION AS SHOWN ON STAGING PLAN & AS DIRECTED BY ENGINEER.

**STAGE II (COURT ST.): WIDENING RESURFACING**

- MAINTAIN THE EXISTING TRAFFIC IN BOTH DIRECTIONS.
- CONSTRUCT ALL OF THE PROPOSED STORM SEWER, STORM LATERAL & DRAINAGE STRUCTURES ON WEST SIDE OF THE ROAD.
- CONSTRUCT COMB. CONC. CURB & GUTTER
- AGGREGATE SUBGRADE, 300 mm (12")
- HMA BINDER COURSE, IL-19, N70, 150 mm (6")
- ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STDS. 701201, 701701 & 701606.

**STAGE II (MAIN ST.):**

- MAINTAIN THE TRAFFIC CONTROL AS SHOWN ON STAGE I.
- PLACE SIGNING & BARRICADING AS SHOWN ON STAGING PLAN.

• **STAGE III (IL. 50): RECONSTRUCTION**

- ① REPLACE STAGE I & II TEMPORARY PAVEMENT MARKING, SIGNING & BARRICADING AS SHOWN ON STAGE III PLAN AND SWITCH THE TRAFFIC TO EAST SIDE OF THE ROAD.
- ② DO EARTHWORK (CUT & FILL) AS SHOWN ON CROSS SECTIONS & AS DIRECTED BY ENGINEER.
- ③ PROVIDE TEMPORARY SEEDING FOR AREAS OF WORK.
- ④ CONSTRUCT COMB. CONC. CURB & GUTTER, P.C.C. SIDEWALK & HMA PAVEMENT AS FOLLOWS
  - REMOVAL AND REPLACEMENT WITH POROUS GRANULAR EMBANKMENT AS SHOWN ON THE TYPICAL X-SECTION 150 mm (6") (STA. 1+160 TO STA. 1+265 ONLY)
  - AGGREGATE SUBGRADE, 300 mm (12")
  - HMA BINDER COURSE, 275 mm (11")
- ⑤ PROVIDE TEMPORARY SEEDING FOR AREAS OF WORK.
- ⑥ PLACE TEMPORARY PAVEMENT MARKING AS PER STAGING PLAN.
- ⑦ MAINTAIN TRAFFIC AS DIRECTED ON STAGE III. ANY OPERATION WHICH REQUIRES LANE CLOSURE SHALL BE DONE IN ACCORDANCE WITH STDS. 701201, 701701 & 701606.

• **STAGE IIIA (IL. 50): RECONSTRUCTION**

- ① MAINTAIN THE TRAFFIC FLOW SAME AS IN STAGE III.
- ② CONSTRUCT THE REMAINING PORTION AT INTERSECTION OF IL. 50 & COURT ST. AS SHOWN ON STAGING PLAN & AS DIRECTED BY ENGINEER.

**STAGE III (COURT ST.):**

- MAINTAIN THE TRAFFIC AS SHOWN ON STAGE III PLAN. SIGNING, BARRICADING & PAVEMENT MARKING STAYS DUE TO DROP OFF.

**STAGE III (MAIN ST.): RECONSTRUCTION**

- CLOSE THE MAIN ST. WEST LEG FROM STA. 4+920 TO STA. 5+000 AND RECONSTRUCT AS PER PLAN & TYPICAL CROSS SECTION AS FOLLOWS.
- REMOVE THE EXISTING PAVEMENT AS PER EXISTING ROADWAY PLAN & STAGING PLAN.
- EARTHWORK (CUT & FILL) AS PER DETAIL CROSS SECTION & AS DIRECTED BY ENGINEER.
- AGGREGATE SUB-GRADE, 300 mm (12")
- HMA BINDER COURSE, 225 mm (9")
- HMA SURFACE COURSE MIX. "D", N70, 50 mm (2")
- PLACE THERMOPLASTIC PAVEMENT MARKING AS PER PLAN & AS DIRECTED BY ENGINEER.

**STAGE IV (IL. 50 @ COURT ST.):**

- HMA SURFACE REMOVAL 50 mm (2") ON COURT ST. ONLY
- HMA SURFACE COURSE, MIX "D", N70, 50 mm (2") FULL WIDTH ON IL-50 @ COURT ST.
- PAVEMENT MARKING WILL PERFORMED USING STD. 701311 ON MAIN ST. AND STD. 701426 ON IL-50 & COURT ST.
- TRAFFIC SIGNAL INSTALLATION WILL BE PERFORMED USING STD. 701701.
- SIDEWALK CLOSURE WILL BE ACCOMPLISHED USING STD. 701801.

| REVISIONS |      | ILLINOIS DEPARTMENT OF TRANSPORTATION                              |
|-----------|------|--|
| NAME      | DATE |  |
|           |      | <b>IL. 50 AT COURT ST.<br/>STAGING &amp; OPERATION OF SEQUENCE</b> |
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DRAWN BY  
CHECKED BY  
DATE 5/11/2011