

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS-3	WILL	305	69
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
MOT-TYP-02 OF 06				

## SUGGESTED STAGES OF CONSTRUCTION (CONTINUED)

### STAGE IIA

- MILL OR REMOVE OUTSIDE SHOULDERS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- CONSTRUCT PROPOSED AUXILIARY LANES UP TO THE BOTTOM OF THE PROPOSED SURFACE COURSE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. CONSTRUCT NEW OUTSIDE SHOULDERS.
- CONSTRUCT PROPOSED RAMP PAVEMENT AND SHOULDERS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- COMPLETE ALL GUARDRAIL WORK AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- REMOVE STAGE IIA TEMPORARY PAVEMENT MARKING AND INSTALL THE INSIDE EDGE LINE BETWEEN THE PROPOSED INSIDE LANE AND THE CENTER LANE AND A SKIP-DASH LINE BETWEEN THE PROPOSED CENTER LANE AND THE OUTSIDE LANE IN BOTH DIRECTIONS USING "PAVEMENT MARKING TAPE, TYPE III".
- SHIFT TRAFFIC TO STAGE III TEMPORARY LANES USING PROPOSED CENTER AND OUTSIDE LANES AS APPROVED BY THE ENGINEER.

### STAGE III

- USING FREEWAY STANDARDS 701400, 701401 AND 701446 FOR ONE LANE AND TWO LANE CLOSURES DURING OFF PEAK HOURS AS DETAILED IN THE SPECIAL PROVISION FOR "KEEPING EXPRESSWAY OPEN TO TRAFFIC" PERFORM THE FOLLOWING OPERATIONS:
  - CONSTRUCT THE SURFACE COURSE IN THE FOLLOWING ORDER:
    - CENTER LANES
    - INSIDE LANES
    - INSIDE SHOULDERS
  - REMOVE EXISTING AND INSTALL PROPOSED ROADWAY SIGNS, CONSTRUCT SHOULDER RUMBLE STRIPS, INSTALL PROPOSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
  - OPEN ALL SIX LANES TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING PLANS.

## TRAFFIC CONTROL GENERAL NOTES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION STAGING AND TRAFFIC CONTROL OPERATIONS WITH ADJACENT CONTRACTS. THE COST OF ANY ADDITIONAL TRAFFIC CONTROL AND/OR TEMPORARY CONSTRUCTION ITEMS REQUIRED FOR SUCH COORDINATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".

2. ONCE THE PAVEMENT IS MILLED, THE ENGINEER SHALL DETERMINE IF PATCHING IS REQUIRED. IF NEEDED, THE CONTRACTOR SHALL PATCH THE NECESSARY LOCATIONS AS DIRECTED BY THE ENGINEER. ALL PAVEMENT PATCH HOLES SHALL BE FILLED EACH NIGHT. THIS WORK SHALL BE PAID FOR AS CLASS D PATCHES OF THE TYPE REQUIRED.

3. AT THE END OF EACH NIGHTLY SHIFT, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN, INSTALL TEMPORARY PAVEMENT MARKINGS AND REMOVE NIGHT TIME OPERATION TRAFFIC CONTROL.

4. STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE INSTALLED IMMEDIATELY PRIOR OF THE BITUMINOUS SURFACE OPERATIONS IN SUCH A MANNER THAT TRAFFIC WILL NOT DISTURB IT PRIOR TO BEING COVERED BY BITUMINOUS SURFACING. ANY DISTURBED STRIP REFLECTIVE CRACK CONTROL TREATMENT WILL BE REPLACED AT THE CONTRACTOR EXPENSE.

5. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EMERGENCY PULLOUTS FOR DISABLED VEHICLES IN BOTH DIRECTIONS AS SHOWN ON THE DETAIL FOR EMERGENCY PULLOUT.

6. THE CONTRACTOR SHALL INSTALL TEMPORARY W8-11 (SYMBOL VERSION) SIGNS ON BOTH SIDES OF THE ROADWAY IN ADVANCE OF THE AREAS WITH A GRADE DIFFERENTIAL BETWEEN LANES AND AFTER EACH ENTRANCE RAMP. SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER. THE COST OF THE SIGNS WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)". THESE SIGNS SHALL BE 48"x48".

7. DURING STAGE I THE CONTRACTOR SHALL ERECT REGULATORY HIGHWAY SIGNS R4-5 (48"x60") "TRUCKS USE LEFT LANE" ON BOTH SIDES OF THE TRAVEL LANES AT 1/2 MILE AND 1 MILE IN ADVANCE OF THE WORK ZONE, AT 1/2 MILE INTERVALS ADJACENT TO THE WORK ZONE, AND AT EACH ENTRANCE RAMP TO THE PROJECT AS DIRECTED BY THE ENGINEER. THE SIGNS SHALL ONLY BE PLACED ADJACENT TO THE ROADWAY, WHICH IS LOCATED WITHIN THE WORK ZONE AREAS. THE SIGNS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "TEMPORARY INFORMATION SIGNING".

## TRAFFIC CONTROL GENERAL NOTES

- DRUMS SHALL NOT BE PLACED IN THE LANE WHICH IS OPEN TO TRAFFIC. DURING MILLING AND PAVING OPERATIONS, THE CONTRACTOR SHALL USE ONE FOOT VERTICAL BARRICADES WITH STEADY BURN LIGHTS ALONG THE MILLING AND PAVING OPERATIONS. THE TYPE OF VERTICAL BARRICADES SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO BEING USED ON THE PROJECT. DRUMS OR TYPE II BARRICADES SHALL BE USED TO DELINEATE ALL OPEN RAMP THROUGHOUT THE WORK ZONE.
- SINCE THIS IS AN EXPRESSWAY FACILITY, THE CONTRACTOR MAY HAVE CREWS WORKING IN BOTH DIRECTIONS AT THE SAME TIME.
- SEE GENERAL NOTES FOR TREATMENT OF RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES.

11. ALL SIGNING RELATED TO TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE ITEMS DESCRIBED IN THE TRAFFIC CONTROL PLAN SHALL BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE WORK ASSOCIATED WITH ADJUSTING THE LOCATIONS OF THE SIGNS TO ACCOMMODATE DIFFERENT STAGING OPERATIONS SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".

## LIST OF TRAFFIC CONTROL STATE AND DISTRICT 1 STANDARDS

### STATE

701101	OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM EDGE OF PAVEMENT
701106	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 m (15') AWAY
701400	APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
701401	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402	LANE CLOSURE, FREEWAY/EXPRESSWAY WITH BARRIER
701411	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > OR = 45 MPH
701446	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
702001	TRAFFIC CONTROL DEVICES
704001	TEMPORARY TRAFFIC BARRIER

### DISTRICT 1

TC09	TRAFFIC CONTROL DETAILS FRO FREEWAY SINGLE AND MULTI-LANE WEAVE
TC11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC12	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC17	TRAFFIC CONTROL DETAILS FOR SHOULDER CLOSURES PARTIAL RAMP CLOSURES
TC18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 143RD STREET TO WEBER ROAD  
 SUGGESTED STAGES OF  
 CONSTRUCTION AND TRAFFIC CONTROL  
 GENERAL NOTES AND DETAILS

SCALE: NONE  
 DATE: 02-23-07

DRAWN BY: DM  
 CHECKED BY: DVS



FINAL