

# SUGGESTED STAGES OF CONSTRUCTION

## PRE-STAGE

1. INSTALL "CHANGEABLE MESSAGE BOARDS" PRIOR TO THE START OF CONSTRUCTION ON FAI-55.
2. CONSTRUCT PROPOSED DETENTION BASINS IN THE N.W. AND S.E. QUADRANTS OF THE U.S. ROUTE 30 INTERCHANGE. CONSTRUCT PROPOSED PIPE CULVERT BENEATH FRONTAGE ROAD SOUTH OF U.S. ROUTE 30 AS SHOWN ON THE PLANS USING STANDARD 701201.
3. CONSTRUCT PROPOSED STORM SEWER LATERALS BENEATH EXISTING I-55 PAVEMENT AS SHOWN ON THE PLANS USING STANDARDS 701400 AND 701401 (SEE SHEET MOT-TYP-03 FOR STAGING). LANE CLOSURES WILL ONLY BE ALLOWED DURING THE OFF PEAK HOURS AS DETAILED IN THE SPECIAL PROVISION FOR "KEEPING EXPRESSWAY OPEN TO TRAFFIC". ALL STORM SEWER LATERAL WORK SHALL BE COMPLETED EACH NIGHT BEFORE OPENING LANE TO THE TRAFFIC IN THE MORNING.
4. RELOCATE EXISTING LIGHTING UNITS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. ESTABLISH TRAFFIC CONTROL ON U.S. ROUTE 30 AS SHOWN ON THE PLANS. BEGIN SUBSTRUCTURE WIDENING FOR THE I-55 BRIDGES OVER U.S. ROUTE 30, E&R R.R., AND MS (ABANDONED) R.R.
6. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES TO AND FROM WORK AREAS AS SHOWN ON THE DETAIL AND APPROVED BY THE ENGINEER.
7. REMOVE EXISTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH TEMPORARY TRAFFIC LANES.
8. ESTABLISH STAGE I TRAFFIC CONTROL, INSTALL TEMPORARY PAVEMENT MARKINGS, TEMPORARY CONCRETE BARRIER AND SHIFT TRAFFIC TO STAGE I TEMPORARY TRAFFIC LANES AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.

## STAGE I

1. REMOVE BITUMINOUS SHOULDER AND EXISTING GUARDRAIL FROM THE MEDIAN AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. COMPLETE STAGE I STRUCTURAL WORK AT THE U.S. ROUTE 30, E&R RAILROAD, MINK CREEK, MS (ABANDONED) RAILROAD AND LILY CACHE SLOUGH STRUCTURES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. INSTALL PROPOSED MAIN DRAIN STORM SEWER SYSTEM AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER. EXCAVATE AND CONSTRUCT EMBANKMENT.
4. CONSTRUCT AGGREGATE SUBGRADE, PROPOSED CONCRETE BASE, AND CONCRETE BARRIER AS SHOWN ON THE PLANS.
5. CONSTRUCT PROPOSED POLYMERIZED BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 12-1/4" FOR NEW INSIDE LANES AND THE INSIDE SHOULDERS AS SHOWN ON THE PLANS.
6. CONSTRUCT TEMPORARY DRAINAGE FROM STA. 762+94 TO STA. 782+06 AS SHOWN ON THE STAGE II PLANS AND MOT CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
7. CONSTRUCT TEMPORARY PAVEMENT BETWEEN SB AND NB EXISTING INSIDE LANES, AND INSTALL TEMPORARY CONCRETE BARRIER FROM STA. 762+94 TO STA. 782+06 AS SHOWN ON THE STAGE II PLANS AND MOT CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
8. ONCE CONSTRUCTION OF THE PROPOSED CONCRETE BARRIER AND POLYMERIZED BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) FOR THE NEW INSIDE LANES AND SHOULDERS IS COMPLETE, THE CONTRACTOR SHALL REMOVE CONSTRUCTION WORK ZONE DRIVEWAYS.
9. REMOVE STAGE I TEMPORARY PAVEMENT MARKING AND INSTALL STAGE II TEMPORARY PAVEMENT MARKING AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.
10. ESTABLISH STAGE II TRAFFIC CONTROL AND SHIFT TRAFFIC TO STAGE II TEMPORARY TRAFFIC LANES AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.

## STAGE II

1. REMOVE OUTSIDE BITUMINOUS SHOULDERS AND EXISTING GUARDRAIL AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. COMPLETE STAGE II STRUCTURAL WORK AT THE U.S. ROUTE 30, E&R R.R., MS (ABANDONED) R.R. AND LILY CACHE SLOUGH STRUCTURES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. CONSTRUCT PROPOSED AUXILIARY LANES UP TO THE BOTTOM OF THE PROPOSED SURFACE COURSE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
4. CONSTRUCT NEW OUTSIDE SHOULDERS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. COMPLETE ALL GUARDRAIL WORK AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

## STAGE II (CONT.)

6. COMPLETE ALL SIGN WORK AS SHOWN ON THE PAVEMENT MARKING AND SIGNING PLANS AND AS DIRECTED BY THE ENGINEER.
7. SHIFT SOUTHBOUND TRAFFIC FROM THE TEMPORARY PAVEMENT INTO EXISTING SOUTHBOUND PAVEMENT.
8. REMOVE STAGE II TEMPORARY PAVEMENT AND TEMPORARY CONCRETE BARRIER FROM STA. 762+94 TO STA. 782+06.
9. CONSTRUCT TEMPORARY DRAINAGE FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE STAGE III PLANS AND MOT CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
10. CONSTRUCT TEMPORARY PAVEMENT BETWEEN SB AND NB EXISTING INSIDE LANES, AND INSTALL TEMPORARY CONCRETE BARRIER FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE STAGE III PLANS AND MOT CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
11. REMOVE STAGE II TEMPORARY PAVEMENT MARKING AND INSTALL STAGE III TEMPORARY PAVEMENT MARKING AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.
12. ESTABLISH STAGE III TRAFFIC CONTROL, AND SHIFT TRAFFIC TO STAGE III TEMPORARY TRAFFIC LANES AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.

## STAGE III (EJ&E R.R. AND LILY CACHE SLOUGH STRUCTURES)

1. COMPLETE ALL STRUCTURAL WORK AT THE EJ&E RAILROAD STRUCTURE AS SHOWN ON THE PLANS AND DIRECTED BY THE ENGINEER.
2. COMPLETE ALL STRUCTURAL WORK AT THE LILY CACHE SLOUGH STRUCTURE AS SHOWN ON THE PLANS AND DIRECTED BY THE ENGINEER.
3. REMOVE STAGE III TEMPORARY PAVEMENT MARKING AND INSTALL STAGE IV TEMPORARY PAVEMENT MARKING AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.
4. ESTABLISH STAGE IV TRAFFIC CONTROL, AND SHIFT TRAFFIC TO STAGE IV TEMPORARY TRAFFIC LANES AS SHOWN ON THE STAGING PLANS AND AS DIRECTED BY THE ENGINEER.

## STAGE IV (LILY CACHE SLOUGH STRUCTURE)

1. REMOVE TEMPORARY PAVEMENT AND TEMPORARY CONCRETE BARRIER FROM STA. 761+75 TO STA. 782+25. INSTALL PROPOSED DRAINAGE WITHIN WORK ZONE AREA FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. CONSTRUCT AGGREGATE SUBGRADE, PROPOSED CONCRETE BASE AND CONCRETE BARRIER FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
4. CONSTRUCT PROPOSED POLYMERIZED BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 12-1/4" FOR NEW INSIDE LANES AND THE INSIDE SHOULDERS FROM STA. 761+75 TO STA. 782+25 AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. REMOVE STAGE IV TEMPORARY PAVEMENT MARKING AND TRAFFIC CONTROL.

## STAGE V

1. 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" THE CONTRACTOR SHALL PERFORM THE FOLLOWING OPERATIONS:
  - A. MILL EXISTING LANES AND CONSTRUCT THE SURFACE COURSE IN THE FOLLOWING ORDER:
    - 1 - CENTER LANES
    - 2 - INSIDE LANES
    - 3 - INSIDE SHOULDERS
    - 4 - OUTSIDE LANES
  - B. THE CONTRACTOR SHALL RESURFACE MILLED PAVEMENT WITHIN FOUR CALENDAR DAYS.
  - C. CONSTRUCT RUMBLE STRIPS, INSTALL PERMANENT PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS AS SHOWN ON THE PAVEMENT MARKING AND SIGNING PLANS.
  - D. OPEN LANES TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING PLANS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	102
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	MOT-TYP-01	OF	05	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH  
 SUGGESTED STAGES OF  
 CONSTRUCTION AND TRAFFIC  
 CONTROL GENERAL NOTES



SCALE: NONE  
 DATE: 06-30-06  
 DRAWN BY: DM  
 CHECKED BY: DVS

FINAL