

SUGGESTED STAGING AND TRAFFIC CONTROL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	131B (1&2) BR	MCHEMRY	107	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60B83				

CONSTRUCTION STAGING

PRE-STAGE

PRE-STAGE CONSTRUCTION

- REMOVE ALL DEBRIS FROM UPSTREAM AND DOWNSTREAM SIDES OF BOTH BRIDGES TO PROVIDE FOR COFFERDAM INSTALLATION AND TO PROVIDE UNRESTRICTED RIVER FLOW DURING CONSTRUCTION.
- INSTALL PROPOSED TEMPORARY SIGNAL AND EXTEND TEMPORARY ROADWAY LIGHTING. TEST SIGNALS AND ENERGIZE TEMPORARY LIGHTING.
- STA. 87+00 TO 89+80, PLACE HMA RAMP, OVERLAY EXISTING PAVEMENT WITH HMA RAMP. SEE PLAN AND PROFILE SHEETS.
- REMOVE SHOULDER AND PLACE TEMPORARY PAVEMENT ALONG NORTH SIDE OF ROADWAY.

STAGE I

STAGE IA - CONSTRUCT STAGE I PORTION OF EACH BRIDGE

- ACTIVATE PROPOSED TEMPORARY SIGNAL, REMOVE EXISTING TEMPORARY SIGNALS, AND PLACE PAVEMENT MARKING FOR SINGLE LANE OF TRAFFIC.
- PLACE TEMPORARY IMPACT ATTENUATORS, TEMPORARY CONCRETE BARRIER AND INSTALL TEMPORARY SHEETING.
- REMOVE THE PAVEMENT AND EXCAVATE EMBANKMENT FOR RAMPS ONLY AS NEEDED TO PROVIDE ACCESS TO THE STREAM BED AND PIERS AND TO CONSTRUCT BRIDGE.
- BEGIN AND COMPLETE THE STAGE I PORTION OF EACH BRIDGE AND APPROACH SLAB.

STAGE IB - STAGE I ROADWAY CONSTRUCTION

- REMOVE THE REMAINING PORTION OF THE EXISTING PAVEMENT AND SHOULDERS.
- STRIP TOPSOIL, PLACE EMBANKMENT AND COMPLETE PAVING UP TO THE TOP OF BINDER COURSE.
- COMPLETE ALL WORK SOUTH OF THE ROAD AND INSTALL GUARDRAIL. SET GUARDRAIL HEIGHT FOR THE FINAL SURFACE COURSE ELEVATION.

STAGE IC (SUBSTAGES IC1 TO I-C3) - FULL WIDTH ROADWAY RE-CONSTRUCTION STA. 103+75 +/- TO 106+40.

- PLACE TEMPORARY STRIPING, TEMPORARY CONCRETE BARRIER, AND ATTENUATORS FOR STAGE II.
- REMOVE EXISTING PAVEMENT AND EXCAVATE TO PROPOSED SUBGRADE FOR HALF WIDTH OF ROADWAY.
- PLACE PROPOSED SUBBASE AND BINDER COURSE TO TOP OF BINDER COURSE FOR ROADWAY AND SHOULDERS. PLACE TOPSOIL, SEEDING AND/OR SODDING.

STAGE II

STAGE IIA - CONSTRUCT STAGE II PORTION OF EACH BRIDGE

- PLACE REMAINDER OF TEMPORARY STRIPING FOR SINGLE LANE ON THE BRIDGES AND PAVEMENT CONSTRUCTED DURING STAGE I.
- REMOVE STAGE I TEMPORARY CONCRETE BARRIER AFTER TRAFFIC HAS BEEN SHIFTED.
- REMOVE THE PAVEMENT AND EXCAVATE EMBANKMENT FOR RAMPS ONLY AS NEEDED TO PROVIDE ACCESS TO THE STREAMBED AND PIERS AND TO CONSTRUCT BRIDGE.
- BEGIN AND COMPLETE THE STAGE II PORTIONS OF EACH BRIDGE AND APPROACH SLABS.

STAGE IIB - WEST BOUND ROADWAY

- REMOVE THE REMAINING PORTION OF THE EXISTING PAVEMENT.
- REMOVE SHOULDERS, STRIP TOPSOIL AND PLACE EMBANKMENT. CUT OFF TEMPORARY SHEETING AND CUT OPENINGS FOR 6" PIPE UNDERDRAINS WHEN STAGE II EMBANKMENT IS 8" BELOW FINISHED SUBGRADE ELEVATION.
- COMPLETE PAVING UP TO THE TOP OF BINDER COURSE AND INSTALL GUARDRAIL. REMOVE TEMPORARY CONCRETE BARRIER.
- PLACE SURFACE COURSE OVER ENTIRE PAVEMENT AND SHOULDER AREA. STRIPE FOR TWO-WAY TRAFFIC AND DEACTIVATE / REMOVE TEMPORARY SIGNALS AND TEMPORARY LIGHTING.

MAINTENANCE OF TRAFFIC

PRE-STAGE

PRE-STAGE MAINTENANCE OF TRAFFIC

- PLACE ADVANCED SIGNING AS SHOWN ON STAGE I SUGGESTED STAGING PLAN.
- USE DAILY SHOULDER AND LANE CLOSURES TO PERFORM PRE-STAGE WORK. IDOT STANDARDS:
 - 701006 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
 - 701201 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45MPH
 - 701301 LANE CLOSURE SHORT TIME OPERATION
- PLACE WORK ZONE PAVEMENT MARKINGS.

STAGE I

STAGE IA & IB - MAINTENANCE OF TRAFFIC

- ACTIVATE PROPOSED TEMPORARY SIGNALS AND BEGIN ONE LANE TWO-WAY OPERATION ON EXISTING WEST BOUND PAVEMENT AND TEMPORARY PAVEMENT.
- AS NEEDED DURING ACTIVE CONSTRUCTION OPERATIONS CONTRACTOR SHALL PLACE SIGNAL IN RED PHASE AND PLACE FLAGGERS AT STOP BARS AND AT THE CONSTRUCTION ENTRANCE BETWEEN THE BRIDGES. FLAGGERS SHALL CONTROL TRAFFIC MOVEMENTS AS NEEDED WHEN VEHICLES ARE EXITING THE SITE.

STAGE IC (SUBSTAGES I-C1 TO I-C3) - MAINTENANCE OF TRAFFIC

- MAINTAIN TRAFFIC AS SHOWN ON SUBSTAGING SHEETS.
- AS APPROVED BY THE ENGINEER, TWO LANE TWO WAY TRAFFIC MOVEMENTS AND TEMPORARY DEACTIVATION OF THE TRAFFIC SIGNALS WILL BE ALLOWED TO ACCOMMODATE THIS WORK.

STAGE II

STAGE II - MAINTENANCE OF TRAFFIC

- SHIFT TWO-WAY ONE LANE OF TRAFFIC TO COMPLETED EAST BOUND PAVEMENT AND SHOULDER AFTER TEMPORARY CONCRETE BARRIER HAS BEEN PLACED AND THE TEMPORARY IMPACT ATTENUATORS HAVE BEEN RELOCATED. ADJUST TEMPORARY TRAFFIC SIGNAL HEADS AS NEEDED.
- AS NEEDED DURING ACTIVE CONSTRUCTION OPERATIONS CONTRACTOR SHALL PLACE SIGNAL IN RED PHASE AND PLACE FLAGGERS AT STOP BARS AND AT THE CONSTRUCTION ENTRANCE BETWEEN THE BRIDGES. FLAGGERS SHALL CONTROL TRAFFIC MOVEMENTS AS NEEDED WHEN VEHICLES ARE EXITING THE SITE.
- FOR FINAL HMA SURFACE AND PAVEMENT MARKING PLACEMENT AND OTHER END OF CONTRACT WORK, USE DAILY SHOULDER AND LANE CLOSURES AS SHOWN ON IDOT STANDARDS:
 - 701006 OFF-ROAD OPERATIONS, 2L, 2W
 - 701201 LANE CLOSURE, 2L, 2W, DAY ONLY, >= 45MPH
 - 701301 LANE CLOSURE SHORT TIME OPERATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUGGESTED STAGING AND
TRAFFIC CONTROL GENERAL NOTES
IL. RTE. 173

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SCALE: NONE
DATE: APRIL 16, 2007
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