

SUGGESTED STAGE CONSTRUCTION PLAN (CONTINUED)

STAGE V

(NORTHBOUND I-55 STA. 668+00 TO STA. 975+60)

SET UP TRAFFIC CONTROL FOR CLOSING THE NORTHBOUND PASSING LANE USING STD. 701400 AND STD. 701401, AND AS SHOWN IN THE PLAN DETAILS. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING TAPE AS REQUIRED.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING NORTHBOUND PASSING LANE (NORTH HALF):

HMA WORK AREA

1. REMOVE EXISTING HMA SURFACE DOWN TO EXISTING PCC PAVEMENT.
2. RUBBLIZE PPC PAVEMENT.
3. CONSTRUCT HMA BINDER COURSE AND POLY HMA BINDER COURSE FOR PASSING LANE AND CONSTRUCT ADJACENT HMA SHOULDER TO THE SAME LEVEL.
4. CONSTRUCT TEMPORARY RAMP AT 1:100 SLOPE AT THE END OF STA. 975+60.
5. PLACE TEMPORARY PAVEMENT MARKING TAPE FOR A 12' LANE, UTILIZING A PORTION OF THE ADJACENT SHOULDER.

CRPCCP WORK AREA

1. REMOVE EXISTING PAVEMENT AND ADJACENT SHOULDER.
2. CONSTRUCT PORTION OF 8x3 BOX CULVERT.
3. CONSTRUCT SUBGRADE REINFORCEMENT.
4. CONSTRUCT AGGREGATE BASE COURSE TYPE A 12".
5. CONSTRUCT CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14".
6. CONSTRUCT HMA SHOULDER 12".
7. PLACE TEMPORARY PAVEMENT MARKING TAPE FOR A 12' LANE, UTILIZING A PORTION OF THE ADJACENT SHOULDER.

STAGE VI

(NORTHBOUND I-55 STA. 668+00 TO STA. 975+60)

SET UP TRAFFIC CONTROL FOR CLOSING THE NORTHBOUND DRIVING LANE USING STD. 701400 AND STD. 701401, FOR IL. 140 INTERCHANGE AND REST AREA ENTRANCE RAMPS AND EXIT RAMPS, USE STD. 701411 AND AS SHOWN IN THE PLAN DETAILS. OPEN PASSING LANE TO TRAFFIC.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING NORTHBOUND DRIVING LANE (NORTH HALF):

HMA WORK AREA

1. REMOVE EXISTING HMA SURFACE DOWN TO EXISTING MAINLINE PCC PAVEMENT AND ADJACENT RAMP TERMINALS.
2. RUBBLIZE PPC PAVEMENT. (MAINLINE ONLY)
3. CONSTRUCT HMA BINDER COURSE AND POLY HMA BINDER COURSE FOR DRIVING LANE AND ADJACENT RAMP TERMINALS AND CONSTRUCT ADJACENT HMA SHOULDER TO THE SAME LEVEL.
4. CONSTRUCT TEMPORARY RAMP AT 1:100 SLOPE AT THE END OF STA. 975+60.
5. REMOVE PASSING LANE TEMPORARY PAVEMENT MARKING TAPE FOR LANE SHIFT AND COMPLETE THE TEMPORARY PAVEMENT MARKING TO OPEN BOTH NORTHBOUND LANES TO TRAFFIC.
6. CONSTRUCTION WORK SHALL BE STAGED TO KEEP THE EXIT AND ENTRANCE RAMPS OPEN DURING CONSTRUCTION, AS SHOWN BY THE TYPICAL ENTRANCE AND EXIT RAMP DETAILS - STEPS 1 AND 2.

CRPCCP WORK AREA

1. REMOVE EXISTING PAVEMENT AND ADJACENT SHOULDER.
2. CONSTRUCT PORTION OF 8x3 BOX CULVERT.
3. CONSTRUCT SUBGRADE REINFORCEMENT.
4. CONSTRUCT AGGREGATE BASE COURSE TYPE A 12".
5. CONSTRUCT CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14".
6. CONSTRUCT HMA SHOULDER 12".
7. REMOVE PASSING LANE TEMPORARY PAVEMENT MARKING TAPE FOR LANE SHIFT AND COMPLETE THE TEMPORARY PAVEMENT MARKING TO OPEN BOTH NORTHBOUND LANES TO TRAFFIC.

STAGE VII

(NORTHBOUND I-55 STA. 975+60 TO STA. 1263+98)

SET UP TRAFFIC CONTROL FOR CLOSING THE NORTHBOUND PASSING LANE USING STD. 701400 AND STD. 701401 AND AS SHOWN IN THE PLAN DETAILS. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING TAPE AS REQUIRED.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING NORTHBOUND PASSING LANE (SOUTH HALF):

HMA WORK AREA

1. REMOVE EXISTING HMA SURFACE DOWN TO EXISTING PCC PAVEMENT.
2. REMOVE TEMPORARY RAMP, AT 1:100 SLOPE, AT THE END OF STA. 975+60.
3. RUBBLIZE PPC PAVEMENT.
4. CONSTRUCT HMA BINDER COURSE AND POLY HMA BINDER COURSE FOR PASSING LANE AND CONSTRUCT ADJACENT HMA SHOULDER TO THE SAME LEVEL.
5. PLACE TEMPORARY PAVEMENT MARKING TAPE FOR A 12' LANE UTILIZING A PORTION OF THE ADJACENT SHOULDER.

CRPCCP WORK AREA

1. REMOVE EXISTING PAVEMENT AND ADJACENT SHOULDER.
2. CONSTRUCT SUBGRADE REINFORCEMENT.
3. CONSTRUCT AGGREGATE BASE COURSE TYPE A 12".
4. CONSTRUCT CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14".
5. CONSTRUCT HMA SHOULDER 12".
7. PLACE TEMPORARY PAVEMENT MARKING TAPE FOR A 12' LANE, UTILIZING A PORTION OF THE ADJACENT SHOULDER.

STAGE VIII

(NORTHBOUND I-55 STA. 975+60 TO STA. 1263+98)

SET UP TRAFFIC CONTROL FOR CLOSING THE NORTHBOUND DRIVING LANE USING STD. 701400 AND STD. 701401, FOR IL. 143 INTERCHANGE ENTRANCE RAMP AND EXIT RAMP, USE STD. 701411 AND AS SHOWN IN THE PLAN DETAILS. OPEN PASSING LANE TO TRAFFIC.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING NORTHBOUND DRIVING LANE (SOUTH HALF):

HMA WORK AREA

1. REMOVE EXISTING HMA SURFACE DOWN TO EXISTING MAINLINE PCC PAVEMENT AND ADJACENT RAMP TERMINALS.
2. REMOVE TEMPORARY RAMP, AT 1:100 SLOPE, AT THE END OF STA. 975+60.
3. RUBBLIZE PPC PAVEMENT. (MAINLINE ONLY)
4. CONSTRUCT HMA BINDER COURSE AND POLY HMA BINDER COURSE FOR DRIVING LANE AND ADJACENT RAMP TERMINALS AND CONSTRUCT ADJACENT HMA SHOULDER TO THE SAME LEVEL.
5. REMOVE PASSING LANE TEMPORARY PAVEMENT MARKING TAPE FOR LANE SHIFT AND COMPLETE THE TEMPORARY PAVEMENT MARKING TO OPEN BOTH NORTHBOUND LANES TO TRAFFIC.
6. CONSTRUCTION WORK SHALL BE STAGED TO KEEP THE EXIT AND ENTRANCE RAMPS OPEN DURING CONSTRUCTION, AS SHOWN BY THE TYPICAL ENTRANCE AND EXIT RAMP DETAILS - STEPS 1 AND 2.

CRPCCP WORK AREA

1. REMOVE EXISTING PAVEMENT AND ADJACENT SHOULDER.
2. CONSTRUCT SUBGRADE REINFORCEMENT.
3. CONSTRUCT AGGREGATE BASE COURSE TYPE A 12".
4. CONSTRUCT CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14".
5. CONSTRUCT HMA SHOULDER 12".
7. REMOVE PASSING LANE TEMPORARY PAVEMENT MARKING TAPE FOR LANE SHIFT AND COMPLETE THE TEMPORARY PAVEMENT MARKING TO OPEN BOTH NORTHBOUND LANES TO TRAFFIC.

FINAL MAINLINE SURFACING

THE FINAL 2" HMA SURFACE COURSE FOR THE MAINLINE AND THE FINAL 2" OF MAINLINE HMA SHOULDERS SHALL BE CONSTRUCTED AFTER THE COMPLETION OF RUBBLIZATION RECONSTRUCTION AND PLACEMENT OF HMA BINDER COURSES AND POLY HMA BINDER COURSE ON ALL SOUTHBOUND AND NORTHBOUND LANES.

COMPLETE FINAL PAVEMENT MARKINGS DURING PLACEMENT OF FINAL SURFACE COURSE.

FILE NAME =	USER NAME = SJS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUGGESTED STAGE CONSTRUCTION PLAN</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...\\d876c93-ght-construction-sequence-pln	hdgn	DRAWN - JJS	REVISED -			55	60-1L2RS-2	MADISON	156	91	
PLOT SCALE = 50.0000' / IN.		CHECKED - MTM	REVISED -			SCALE: 1"=50'		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.	
PLOT DATE = 08/05/2010 15:42:33		DATE - JUNE 2010	REVISED -			ILLINOIS FED. AID PROJECT					
						CONTRACT NO. T6C93					