

SUGGESTED STAGE CONSTRUCTION PLAN

PRE-STAGE CONSTRUCTION-WORK TO BE DONE PRIOR TO BEGINNING RECONSTRUCTION WORK
USE TRAFFIC CONTROL STD. 701400 AND STD. 701401 DURING PRE-STAGE CONSTRUCTION WORK.

REMOVE 4 FEET OF EXISTING NB & SB DRIVING LANE SHOULDERS AND CONSTRUCT HMA BASE COURSE WIDENING, 11 1/2" AS SHOWN ON THE PRE-STAGE CONSTRUCTION TYPICAL SECTIONS. CONSTRUCT PIPE UNDERDRAIN, 6" PRIOR TO PLACEMENT OF HMA BASE COURSE WIDENING.

REMOVE 20" OF EXISTING NB & SB PASSING LANE SHOULDERS AND CONSTRUCT SHOULDER REMOVAL AND REPLACEMENT, 20" X 11 1/2" AS SHOWN ON THE PRE-STAGE CONSTRUCTION TYPICAL SECTIONS. CONSTRUCT PIPE UNDERDRAINS, 6" PRIOR TO PLACEMENT OF SHOULDER REMOVAL AND REPLACEMENT.

CONSTRUCT PATCHING IN BOTH NB AND SB DRIVING LANES.

PLACE HMA LEVELING BINDER IN BOTH NB AND SB DRIVING LANES AS DIRECTED BY THE ENGINEER.

TO REPLACE EDGELINES DISTURBED BY WIDENING AND PIPE UNDERDRAIN OPERATIONS, PLACE 4" PAINT PAVEMENT MARKING ON BOTH EDGES OF PAVEMENT FOR BOTH THE NB AND SB PAVEMENTS AS DIRECTED BY THE ENGINEER.

STAGE I

(SOUTHBOUND I-55 STA. 519+00 TO STA. 670+00)

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

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING SOUTHBOUND PASSING LANE:

HMA WORK AREA

1. REMOVE EXISTING HMA SURFACE DOWN TO EXISTING MAINLINE PCC PAVEMENT.
2. RUBBLIZE PPC PAVEMENT.
3. CONSTRUCT AGGREGATE BASE COURSE, TYPE A AND TRIM TO PLAN GRADES.
4. CONSTRUCT HMA BINDER COURSE AND POLY HMA BINDER COURSE FOR PASSING LANE AND CONSTRUCT ADJACENT HMA SHOULDER TO THE SAME LEVEL.
5. REMOVE EXISTING PAVEMENT MARKING ON THE DRIVING LANE AND PLACE TEMPORARY PAVEMENT MARKING 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 12" AND FLEXIBLE CONNECTOR (SEE CRPCC PAVEMENT/FLEXIBLE CONNECTOR DETAIL).
5. CONSTRUCT POLYMERIZED HMA BINDER COURSE 2 1/2".
6. CONSTRUCT HMA SHOULDER 12".*
7. PLACE TEMPORARY PAVEMENT MARKING FOR A 12' LANE, UTILIZING A PORTION OF THE ADJACENT SHOULDER.

STAGE II

(SOUTHBOUND I-55 STA. 519+00 TO STA. 670+00)

SET UP TRAFFIC CONTROL FOR CLOSING THE SOUTHBOUND DRIVING LANE AND IL 4 INTERCHANGE SOUTHBOUND EXIT AND ENTRANCE RAMP, USING STD. 701400, STD. 701401 AND STD. 701451 AND AS SHOWN IN THE PLAN DETAILS. OPEN PASSING LANE TO TRAFFIC.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING SOUTHBOUND DRIVING LANE:

HMA WORK AREA

1. REMOVE EXISTING HMA SURFACE DOWN TO EXISTING PCC PAVEMENT AND ADJACENT RAMP TERMINALS.
2. RUBBLIZE PPC PAVEMENT (MAINLINE ONLY).
3. CONSTRUCT AGGREGATE BASE COURSE, TYPE A AND TRIM TO PLAN GRADES.
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 TEMPORARY PAVEMENT MARKING FOR LANE SHIFT AND COMPLETE THE TEMPORARY PAVEMENT MARKING TO OPEN BOTH SOUTHBOUND LANES TO TRAFFIC.

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 12" AND FLEXIBLE CONNECTOR (SEE CRPCC PAVEMENT/FLEXIBLE CONNECTOR DETAIL).
5. CONSTRUCT POLYMERIZED HMA BINDER COURSE 2 1/2".
6. CONSTRUCT HMA SHOULDER 12".*
7. REMOVE TEMPORARY PAVEMENT MARKING FOR LANE SHIFT AND COMPLETE THE TEMPORARY PAVEMENT MARKING TO OPEN BOTH SOUTHBOUND LANES AND RAMP TO TRAFFIC.

STAGE III

(NORTHBOUND I-55 STA. 519+00 TO STA. 670+00)

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 AS REQUIRED.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING NORTHBOUND PASSING LANE:

HMA WORK AREA

1. REMOVE EXISTING HMA SURFACE DOWN TO EXISTING PCC PAVEMENT.
2. RUBBLIZE PPC PAVEMENT.
3. CONSTRUCT AGGREGATE BASE COURSE, TYPE A AND TRIM TO PLAN GRADES.
4. CONSTRUCT HMA BINDER COURSE AND POLY HMA BINDER COURSE FOR PASSING LANE AND CONSTRUCT ADJACENT HMA SHOULDER TO THE SAME LEVEL.
5. REMOVE EXISTING PAVEMENT MARKINGS ON THE DRIVING LANE AND PLACE TEMPORARY PAVEMENT MARKING 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 12" AND FLEXIBLE CONNECTOR (SEE CRPCC PAVEMENT/FLEXIBLE CONNECTOR DETAIL).
5. CONSTRUCT POLYMERIZED HMA BINDER COURSE 2 1/2".
6. CONSTRUCT HMA SHOULDER 12".*
7. PLACE TEMPORARY PAVEMENT MARKING FOR A 12' LANE, UTILIZING A PORTION OF THE ADJACENT SHOULDER.

STAGE IV

(NORTHBOUND I-55 STA. 519+00 TO STA. 670+00)

SET UP TRAFFIC CONTROL FOR CLOSING THE NORTHBOUND DRIVING LANE AND IL 4 INTERCHANGE NORTHBOUND EXIT AND ENTRANCE RAMP, USING STD. 701400, STD. 701401 AND STD. 701451 AND AS SHOWN IN THE PLAN DETAILS. OPEN PASSING LANE TO TRAFFIC.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING NORTHBOUND DRIVING LANE:

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 AGGREGATE BASE COURSE, TYPE A AND TRIM TO PLAN GRADES.
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 TEMPORARY PAVEMENT MARKING FOR LANE SHIFT AND COMPLETE THE TEMPORARY PAVEMENT MARKING TO OPEN BOTH NORTHBOUND LANES TO TRAFFIC.

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 12" AND FLEXIBLE CONNECTOR (SEE CRPCC PAVEMENT/FLEXIBLE CONNECTOR DETAIL).
5. CONSTRUCT POLYMERIZED HMA BINDER COURSE 2 1/2".
6. CONSTRUCT HMA SHOULDER 12".*
7. REMOVE TEMPORARY PAVEMENT MARKING 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 UNDER TRAFFIC AFTER THE COMPLETION OF RUBBLIZATION RECONSTRUCTION, CONSTRUCTION OF THE CRPCC PAVEMENT 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 = \$(USER)	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGE CONSTRUCTION PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\DB76D99-sht-construction-sequence-plan.dgn		DRAWN -	REVISED -					55	60-(1,2)RS-3	MADISON	212	50
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 76D99							
	PLOT DATE = 02/02/2012 17:43:12	DATE -	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				