

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 SHOULDER AND CONSTRUCT HMA BASE COURSE WIDENING, 12" AS SHOWN ON THE PRE-STAGE CONSTRUCTION TYPICAL SECTIONS. CONSTRUCT PIPE UNDERDRAIN, 6" PRIOR TO PLACEMENT OF HMA BASE COURSE WIDENING, 12".

COMPLETE THE CONSTRUCTION OF PIPE UNDERDRAIN, 6" AND SHOULDER REMOVAL AND REPLACEMENT, 12" ON THE OPPOSITE SHOULDERS FROM THE 4 FOOT WIDENING.

STAGE I

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

SET UP TRAFFIC CONTROL FOR CLOSING THE SOUTHBOUND DRIVING LANE USING STD. 701400 AND STD. 701401. FOR THE IL. 143 INTERCHANGE ENTRANCE RAMP AND EXIT RAMP, USE STD. 701411 AND TYPICAL ENTRANCE AND EXIT RAMP DETAILS STEPS 1 AND 2. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING TAPE AS REQUIRED.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING SOUTHBOUND DRIVING LANE (SOUTH 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. PLACE TEMPORARY PAVEMENT MARKING TAPE FOR A 12' LANE, UTILIZING A PORTION OF THE ADJACENT SHOULDER.
6. THE WORK SHALL BE STAGED TO KEEP THE EXIT AND ENTRANCE RAMP OPEN DURING CONSTRUCTION, AS SHOWN BY THE TYPICAL ENTRANCE AND EXIST 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".
6. PLACE TEMPORARY PAVEMENT MARKING TAPE FOR A 12' LANE, UTILIZING A PORTION OF THE ADJACENT SHOULDER.

STAGE II

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

SET UP TRAFFIC CONTROL FOR CLOSING THE SOUTHBOUND PASSING LANE USING STD. 701400 AND STD. 701401 AND AS SHOWN IN THE PLAN DETAILS. OPEN DRIVING LANE TO TRAFFIC.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING SOUTHBOUND PASSING LANE (SOUTH 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. REMOVE DRIVING LANE TEMPORARY PAVEMENT MARKING TAPE 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 14".
5. CONSTRUCT HMA SHOULDER 12".
6. REMOVE DRIVING LANE TEMPORARY PAVEMENT MARKING TAPE FOR LANE SHIFT AND COMPLETE THE TEMPORARY PAVEMENT MARKING TO OPEN BOTH SOUTHBOUND LANES TO TRAFFIC.

STAGE III

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

SET UP TRAFFIC CONTROL FOR CLOSING THE SOUTHBOUND DRIVING LANE USING STD. 701400 AND STD. 701401. FOR THE IL. 143 INTERCHANGE ENTRANCE RAMP AND EXIT RAMP, USE STD. 701411 AND TYPICAL ENTRANCE AND EXIT RAMP DETAILS STEPS 1 AND 2. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING TAPE AS REQUIRED.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING SOUTHBOUND 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. PLACE TEMPORARY PAVEMENT MARKING TAPE FOR A 12' LANE, UTILIZING A PORTION OF THE ADJACENT HMA SHOULDER.
6. THE WORK SHALL BE STAGED TO KEEP THE EXIT AND ENTRANCE RAMP OPEN DURING CONSTRUCTION, AS SHOWN BY THE TYPICAL ENTRANCE AND EXIT RAMP DETAIL - 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. PLACE TEMPORARY PAVEMENT MARKING TAPE FOR A 12' LANE, UTILIZING A PORTION OF THE ADJACENT SHOULDER.

STAGE IV

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

SET UP TRAFFIC CONTROL FOR CLOSING THE SOUTHBOUND PASSING LANE USING STD. 701400 AND STD. 701401 AS SHOWN IN THE PLAN DETAILS. OPEN DRIVING LANE TO TRAFFIC.

SEQUENCE OF OPERATIONS FOR RECONSTRUCTING SOUTHBOUND 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. REMOVE DRIVING LANE TEMPORARY PAVEMENT MARKING TAPE 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 PORTION OF 8x3 BOX CULVERT.
3. CONSTRUCT SUBGRADE REINFORCEMENT.
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5. CONSTRUCT CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 14".
6. CONSTRUCT HMA SHOULDER 12".
7. REMOVE DRIVING LANE TEMPORARY PAVEMENT MARKING TAPE FOR LANE SHIFT AND COMPLETE THE TEMPORARY PAVEMENT MARKING TO OPEN BOTH SOUTHBOUND LANES TO TRAFFIC.

CONTINUED ON NEXT SHEET

FILE NAME =	USER NAME = SJS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGE CONSTRUCTION PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...vd876c93-ght-construction-sequence-plot.dgn	DRAWN - JJS	REVISOR -	REVISOR -			55	60-IL2RS-2	MADISON	156	90
PLOT SCALE = 50.0000' / IN.	CHECKED - MTM	REVISOR -	REVISOR -			CONTRACT NO. 76C93				
PLOT DATE = 08/05/2010 15:42:32	DATE - JUNE 2010	REVISOR -	REVISOR -			ILLINOIS FED. AID PROJECT				
				SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			