

NORTH TRI LEVEL SEQUENCE OF CONSTRUCTION

PRE-STAGE 1:

1. MAINTAIN TRAFFIC ON EXISTING ROADWAYS, INTERCHANGES AND RAMPS UNTIL SUCH TIME AS STAGE CONSTRUCTION OPERATIONS FOR THIS PROJECT ARE TO COMMENCE.
2. INSTALL APPROPRIATE TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. SHIFT OR ADJUST TRAFFIC TO THE PRE-STAGE 1 TRAFFIC PATTERNS. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED DURING WORKING HOURS. DURING NON-WORKING HOURS TRAFFIC CONTROL DEVICES SHALL BE PULLED BACK TO THE SHOULDER AREA AND EXISTING TRAFFIC PATTERNS MAINTAINED AT ALL OTHER TIMES.
3. BEGIN PRE-STAGE 1 CONSTRUCTION OPERATIONS AS FOLLOWS:
 - CONSTRUCT WIDENING WITH CONCRETE PAVEMENT ALONG OUTSIDE EDGES OF THE MAINLINE ROADWAYS AND RAMPS WHERE INDICATED AS SHOWN ON THE PLANS. CONSTRUCTION OPERATIONS ARE RESTRICTED DURING THIS STAGE. SEE SPECIAL PROVISIONS.
 - ADJUST ANY EXISTING GUARDRAIL INSTALLATIONS AS INDICATED. ALL CONSTRUCTION OPERATIONS RELATING TO LOCATION 5 OF SET 2 OF 2 SHALL BE COMPLETED DURING THIS STAGE. SEE SET 2 OF 2 FOR DETAILS.

STAGE 1:

1. SHIFT TRAFFIC TO THE STAGE 1 TRAFFIC PATTERN WITH ONE LANE OF TRAFFIC IN EACH DIRECTION FOR THE FAI-70 EAST APPROACH; TWO LANES OF TRAFFIC IN EACH DIRECTION FOR THE TRI-LEVEL COMPLEX AND FAI-57/70 WEST APPROACH ROADWAYS; AND ONE LANE OF TRAFFIC FOR RAMP G, ROADWAY D, AND TR 258 AS INDICATED.
2. CLOSE RAMP F DURING STAGE 1. RAMP F TRAFFIC MUST FOLLOW DETOUR AS INDICATED ON THE PLANS.
3. BEGIN STAGE 1 CONSTRUCTION OPERATIONS AS FOLLOWS:
 - CONSTRUCT THE STAGE 1 PROPOSED EMBANKMENTS, GRADING OPERATIONS, PAVEMENT, SHOULDERS, TEMPORARY PAVEMENT AND DRAINAGE ITEMS FOR THE VARIOUS PROPOSED ROADWAYS AND RAMPS AS SHOWN IN THE PLANS.
 - CONSTRUCT THE STAGE 1 PORTION OF THE PROPOSED STRUCTURE CARRYING THE MAINLINE ROADWAYS OVER US ROUTE 45 AND C.N.R.R.
 - CONSTRUCT WIDENING WITH TEMPORARY PAVEMENT ALONG THE MEDIAN EDGES OF PAVEMENT AS SHOWN ON THE PLANS FROM STATION 2413+00 TO STATION 2415+65 ON THE I-70 EAST APPROACH.
 - CONSTRUCT TEMPORARY PAVEMENT ON ROADWAY B FROM STATION 2352+25 TO STATION 2356+00 BETWEEN THE EXISTING AND PROPOSED PAVEMENTS AS SHOWN ON THE PLANS
 - CONSTRUCTION OPERATIONS RELATING TO LOCATIONS 3 AND 4 OF SET 2 OF 2 SHALL COMMENCE DURING THIS STAGE. ALL WORK AT LOCATION 4 SHOULD BE COMPLETED DURING THE RAMP F CLOSURE. SEE SET 2 OF 2 FOR DETAILS.

STAGE 1B:

1. MAINTAIN TRAFFIC PATTERNS FOR ALL ROADWAYS AND RAMPS ESTABLISHED DURING STAGE 1.
2. SHIFT ROADWAY D TRAFFIC TO NEWLY CONSTRUCTED PAVEMENT ON LEFT SIDE.
3. BEGIN STAGE 1B CONSTRUCTION OPERATIONS AS FOLLOWS:
 - CONSTRUCT ROADWAY D PROPOSED PAVEMENT, SHOULDER, AND GRADING OPERATION ON THE RIGHT SIDE, INCLUDING A PORTION OF THE PAVEMENT GORE FROM STATION 5353+17.43 TO STATION 5366+03.90 AS SHOWN IN THE PLANS.
 - CONSTRUCT TEMPORARY HOT-MIX ASPHALT RAMP WHILE UNDER TRAFFIC FROM STATION 2301+50 TO STATION 2305+00 IN THE WESTBOUND LANES OF FAI 57/70 AS SHOWN ON THE PLANS. DURING THIS CONSTRUCTION OPERATION, US 45 RAMP A SHALL BE CLOSED AND TRAFFIC DETOURED ACCORDING TO TRAFFIC CONTROL FOR ROAD CLOSURE DETAILS AND AS SPECIFIED IN THE SPECIAL PROVISIONS.
 - CONSTRUCT TEMPORARY HOT-MIX ASPHALT RAMP WHILE UNDER TRAFFIC FROM STATION 2313+65 TO STATION 2321+15 IN THE WESTBOUND LANES OF FAI 57/70 AS SHOWN ON THE PLANS.
 - CONSTRUCT TEMPORARY HOT-MIX ASPHALT RAMP WHILE UNDER TRAFFIC FROM STATION 2332+30 TO STATION 2342+50 IN THE WESTBOUND LANES OF FAI 57/70 AS SHOWN ON THE PLANS.
 - CONSTRUCT TEMPORARY HOT-MIX ASPHALT RAMP ON ROADWAY A AT THE RAMP G TERMINAL FROM STATION 2382+62.51 TO 2388+22.00.
 - ALL CONSTRUCTION OPERATIONS RELATING TO LOCATION 3 OF SET 2 OF 2 SHALL BE COMPLETED DURING THIS STAGE. SEE SET 2 OF 2 FOR DETAILS.

PRE-STAGE 2:

1. ADJUST TRAFFIC CONTROL AND PROTECTION AND SHIFT ALL TRAFFIC, INCLUDING RAMP F TO THE STAGE 2 TRAFFIC PATTERN AS INDICATED ON THE PLANS EXCEPT THAT INGRESS AND EGRESS TO US ROUTE 45 RAMPS C AND D SHALL BE SHOWN ON THE PLANS FOR THIS STAGE ONLY.
2. ACCESS TO EXISTING US ROUTE 45 RAMP C SHALL BE MAINTAINED AS AN EXIT ONLY TRAFFIC LANE FOR THE MAINLINE EASTBOUND TRAFFIC UNTIL CONSTRUCTION OF TEMPORARY HOT-MIX ASPHALT RAMP BEGINS. WHEN CONSTRUCTION OPERATIONS FOR US 45 RAMP C TEMPORARY HMA CONNECTION BEGIN, THE CD ROAD SHALL BE CLOSED AND TRAFFIC DETOURED ACCORDING TO TRAFFIC CONTROL FOR ROAD CLOSURE DETAILS AND AS SPECIFIED IN THE SPECIAL PROVISIONS.
3. REMOVE EXISTING PAVEMENT (12' WIDE) FROM STATION 2312+30 TO STATION 2316+20 AND REPLACE WITH TEMPORARY PCC PAVEMENT.
4. CONSTRUCT TEMPORARY PCC PAVEMENT WIDENING ALONG US 45 RAMPS A, B, C, AND D AS SHOWN ON THE PLANS.

STAGE 2:

1. MAINTAIN TRAFFIC PATTERNS FOR ALL ROADWAYS AND RAMPS ESTABLISHED DURING PRE-STAGE 2 EXCEPT TO ADJUST TRAFFIC CONTROL AND PROTECTION TO ESTABLISH TEMPORARY INGRESS AND EGRESS FOR US ROUTE 45 RAMPS C AND D.
2. BEGIN STAGE 2 CONSTRUCTION OPERATIONS AS FOLLOWS:
 - CONSTRUCT THE STAGE 2 PROPOSED EMBANKMENTS, GRADING OPERATIONS, PAVEMENT, SHOULDERS, AND DRAINAGE ITEMS FOR THE VARIOUS PROPOSED ROADWAYS AND RAMPS AS SHOWN IN THE PLANS. OMISSIONS IN THE PAVING OPERATIONS WILL OCCUR DURING THIS STAGE IN ORDER TO MAINTAIN THE INGRESS AND EGRESS AT VARIOUS LOCATIONS.
 - CONSTRUCT THE STAGE 2 PORTION OF THE PROPOSED STRUCTURE CARRYING THE MAINLINE ROADWAYS OVER US ROUTE 45 AND C.N.R.R.
 - CONSTRUCT TEMPORARY PCC PAVEMENT IN THE ROADWAY A/ROADWAY C GORE FROM STATION 2343+27.49 (ROADWAY A) TO STATION 22+14.73 (ROADWAY C) AS SHOWN ON THE PLANS.
 - CONSTRUCT TEMPORARY PCC PAVEMENT ON US 45 RAMP C FROM STATION 5+42.63 TO STATION 8+20.53 AS SHOWN ON THE PLANS.
 - CONSTRUCT TEMPORARY PCC PAVEMENT ON US 45 RAMP D FROM STATION 5+49.15 TO STATION 12+48.82 AS SHOWN ON THE PLANS.

STAGE 2B:

1. MAINTAIN TRAFFIC ON ROADWAYS AND RAMPS AS ESTABLISHED IN STAGE 2. SHIFT US 45 RAMP ENTRANCE AND EXIT TERMINALS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. BEGIN STAGE 2B CONSTRUCTION OPERATIONS AS FOLLOWS:
 - CONSTRUCT PAVEMENT PLUGS FROM STATION 2297+00 TO STATION 2303+00 (EASTBOUND FAI-57/70), FROM STATION 2301+50 TO STATION 2306+55 (WESTBOUND FAI 57/70), FROM STATION 2335+75.12 TO STATION 2341+79.17 (WESTBOUND FAI 57/70) AND FROM STATION 2383+59 TO STATION 2386+94.34 (ROADWAY A) AS SHOWN ON THE PLANS.
 - CONSTRUCT PORTIONS OF THE US 45 RAMPS PROPOSED PAVEMENT AND SHOULDERS AS SHOWN ON THE PLANS.
 - CONSTRUCT TEMPORARY PCC PAVEMENT ON US 45 RAMP D FROM STATION 28+16.71 TO STATION 2310+49.83 AS SHOWN ON THE PLANS.

STAGE 2C:

1. MAINTAIN TRAFFIC ON ROADWAYS AND RAMPS AS ESTABLISHED IN STAGE 2B. SHIFT US 45 RAMP ENTRANCE AND EXIT TERMINALS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. BEGIN STAGE 2C CONSTRUCTION OPERATIONS AS FOLLOWS:
 - CONSTRUCT PAVEMENT PLUGS FROM STATION 2311+60 TO STATION 2316+20 (EASTBOUND FAI 57/70) AND FROM STATION 23113+65 TO STATION 2321+15 (WESTBOUND FAI-57/70) AS SHOWN ON THE PLANS.
 - CONSTRUCT PORTIONS OF THE US 45 RAMPS PROPOSED PAVEMENT AND SHOULDERS AS SHOWN ON THE PLANS.
 - RECONSTRUCT MEDIANS ON US 45 AS SHOWN ON THE PLANS.
 - CONSTRUCT PAVEMENT AND ISLAND FOR US 45 RAMPS A AND C AS SHOWN IN SUB-STAGE 2C DETAILS.
 - REMOVE TEMPORARY PAVEMENT ADJACENT TO PROPOSED SHOULDER (BUILT IN STAGE 1) AND CONSTRUCT AGGREGATE SHOULDERS AS DIRECTED BY THE ENGINEER.
 - COMPLETE ALL REMAINING ITEMS OF WORK.
3. OPEN ALL ROADWAYS TO THE ULTIMATE TRAFFIC PATTERNS.

FILE NAME	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH TRI LEVEL SEQUENCE OF CONSTRUCTION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\Projects\403-0002\57-70\dm\N TriLvl\seq-const.dwg	DRAWN - PDB	CHECKED - BRM	REVISED -			57/70	(25-4)R	EFFINGHAM	1760	146	
PLOT SCALE = \$SCALE\$	DATE - 6-16-09	REVISOR -	REVISED -			CONTRACT NO. 74295					
PLOT DATE = \$DATE\$	DATE - 6-16-09	REVISOR -	REVISED -			SCALE: 1"=50'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	