

**DESCRIPTION OF MAINTENANCE OF TRAFFIC**

**F.A.I.-80**

**PRESTAGE:**

**A. TRAFFIC CONTROL**

1. DAYTIME LANE CLOSURE ON LEFT LANE OF I-80 IN ACCORDANCE WITH STATE STANDARD 701406.
2. DAYTIME SHOULDER CLOSURE ON THE RIGHT SHOULDER OF RAMPS B, D, F, AND H IN ACCORDANCE WITH DISTRICT ONE FREEWAY STANDARD.

**B. CONSTRUCTION**

1. PREPARE LEFT SHOULDER FOR TRAFFIC IN STAGE 1.
2. PREPARE RIGHT SHOULDERS FOR RAMP TRAFFIC IN STAGE 1.

**STAGE 1:**

**A. TRAFFIC CONTROL**

1. WEAVE TRAFFIC SIX FEET TO THE LEFT ONTO THE INSIDE SHOULDER AND PROVIDE TWO ELEVEN-FOOT THRU LANES IN BOTH DIRECTIONS. AT THE FAI-55 INTERCHANGE BRIDGES, TWO ELEVEN-FOOT THRU LANES AND ONE TWELVE-FOOT WEAVE LANE SHALL BE PROVIDED.
2. WEAVE TRAFFIC TO THE RIGHT SHOULDER ON RAMPS B, D, F, AND H.
3. IN THE AREA OF THE PROPOSED BRIDGE WORK, THE WEST FRONTAGE ROAD SHALL BE REDUCED TO ONE TEN-FOOT LANE WITH TWO-WAY TRAFFIC IN ACCORDANCE WITH STATE STANDARD 701316 AND THE WEST FRONTAGE ROAD TYPICAL SECTION FOR STAGE 1. TEMPORARY RUMBLE STRIPS SHALL BE INSTALLED AS SHOWN ON THE STANDARD.
4. EAST FRONTAGE ROAD WILL BE CLOSED TO THROUGH TRAFFIC. TEMPORARY ACCESS WILL BE PROVIDED.

**B. CONSTRUCTION**

1. CONSTRUCT RAMP A BRIDGE.
2. REHABILITATE AND WIDEN FRONTAGE ROAD BRIDGE (RAMP G BRIDGE).
3. CONSTRUCT TEMPORARY PAVEMENT WIDENING ON THE EAST SIDE OF THE WEST FRONTAGE ROAD AS SHOWN ON THE WEST FRONTAGE ROAD TYPICAL SECTION FOR STAGE 2A.
4. CONSTRUCT RAMP A, C, E, AND G.
5. PLACE PERMANENT PAVEMENT MARKINGS ON RAMP A, C, E, AND G.
6. CONSTRUCT RAMP TERMINALS A, C, E, AND G.
7. CONSTRUCT EAST FRONTAGE ROAD (RAMP C).
8. CONSTRUCT PROPOSED RAMPS B, D, F, AND H TO THE LIMITS SHOWN ON THE PLANS.
9. CONSTRUCT RAMP TERMINALS B, D, F, AND H TO THE LIMITS SHOWN ON THE PLANS.

**STAGE 2:**

**A. TRAFFIC CONTROL**

1. MAINTAIN TRAFFIC ON INSIDE SHOULDER PROVIDING TWO ELEVEN-FOOT THRU LANES IN BOTH DIRECTIONS, AND A TWELVE-FOOT WEAVE LANE AT THE FAI-55 INTERCHANGE BRIDGE.
2. CLOSE EXISTING RAMPS A, C, E, AND G AND OPEN PROPOSED RAMPS A, C, E, AND G TO TRAFFIC.

**B. CONSTRUCTION**

1. REMOVE EXISTING RAMPS A, C, E, AND G.
2. CONSTRUCT PROPOSED RAMPS B, D, F, AND H TO THE LIMITS SHOWN ON THE PLANS.
3. PLACE PERMANENT PAVEMENT MARKINGS ON RAMPS B, D, F, AND H TO THE LIMITS SHOWN ON THE PLANS.
4. CONSTRUCT BITUMINOUS SHOULDERS ON THE OUTSIDE OF FAI-80 AT LOCATIONS SHOWN ON THE PLANS.

**STAGE 2A:**

**A. TRAFFIC CONTROL**

1. TRAFFIC SHALL BE MAINTAINED ON THE WEST FRONTAGE ROAD TEMPORARY PAVEMENT WIDENING. ONE TEN-FOOT LANE WITH TWO-WAY TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH STATE STANDARD 701316 AND THE WEST FRONTAGE ROAD TYPICAL SECTION FOR STAGE 2A. TEMPORARY RUMBLE STRIPS SHALL BE INSTALLED AS SHOWN ON THE STANDARD.

**B. CONSTRUCTION**

1. RECONSTRUCT THE WEST SIDE OF THE WEST FRONTAGE ROAD FROM STA. 42+75 TO STA. 48+00.

**STAGE 2B:**

**A. TRAFFIC CONTROL**

1. TRAFFIC SHALL BE MAINTAINED ON THE RECONSTRUCTED WEST SIDE OF THE WEST FRONTAGE ROAD. ONE 10 1/2-FOOT LANE WITH TWO-WAY TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH STATE STANDARD 701316 AND THE WEST FRONTAGE ROAD TYPICAL SECTION FOR STAGE 2B. TEMPORARY RUMBLE STRIPS SHALL BE INSTALLED AS SHOWN ON THE STANDARD.

**B. CONSTRUCTION**

1. RECONSTRUCT THE EAST SIDE OF THE WEST FRONTAGE ROAD FROM STA. 42+75 TO STA. 48+00.

**WINTER SHUTDOWN:**

**A. TRAFFIC CONTROL**

1. TRAFFIC SHALL BE PLACED IN THEIR ORIGINAL LANES (SEE STRIPING SHEETS).

**STAGE 3:**

**A. TRAFFIC CONTROL**

1. WEAVE TRAFFIC SIX FEET TO THE LEFT ONTO THE INSIDE SHOULDER AND PROVIDE TWO ELEVEN-FOOT THRU LANES IN BOTH DIRECTIONS. AT THE FAI-55 INTERCHANGE BRIDGES, TWO ELEVEN-FOOT THRU LANES AND ONE TWELVE-FOOT WEAVE LANE SHALL BE PROVIDED.
2. CLOSE EXISTING RAMPS B, D, F, AND H. TRAFFIC SHALL UTILIZE PROPOSED RAMPS B, D, F, AND H AND THE EXISTING TERMINALS CONNECTING FAI-80 MAINLINE TO PROPOSED RAMPS B, D, F, AND H.

**B. CONSTRUCTION**

1. REMOVE EXISTING RAMPS B, D, F, AND H.

**STAGE 3A (WEEKEND ONLY):**

**A. TRAFFIC CONTROL**

1. CLOSE OUTSIDE TRAFFIC LANE IN THE EASTBOUND DIRECTION FROM STA. 1931+47 TO STA. 1946+54. PROVIDE ONE ELEVEN-FOOT THRU LANE AND AN ELEVEN-FOOT WEAVE AT THE FAI-55 INTERCHANGE BRIDGE.
2. WEAVE TRAFFIC TO THE LEFT SHOULDER ON RAMPS F AND H.

**B. CONSTRUCTION**

1. COMPLETE CONSTRUCTION OF THE REMAINDER OF RAMP TERMINALS F AND H.

**STAGE 3B (WEEKEND ONLY):**

**A. TRAFFIC CONTROL**

1. CLOSE OUTSIDE TRAFFIC LANE IN THE WESTBOUND DIRECTION FROM STA. 1951+90 TO STA. 1966+87. PROVIDE ONE ELEVEN-FOOT THRU LANE AND AN ELEVEN-FOOT WEAVE AT THE FAI-55 INTERCHANGE BRIDGE.
2. WEAVE TRAFFIC TO THE LEFT SHOULDER ON RAMPS B AND D.

**B. CONSTRUCTION**

1. COMPLETE CONSTRUCTION OF THE REMAINDER OF RAMP TERMINALS B AND D.

**STAGE 4:**

**A. TRAFFIC CONTROL**

1. DAYTIME LANE CLOSURES SHALL BE USED IN ACCORDANCE WITH STATE STANDARD 701406.

**B. CONSTRUCTION**

1. CONSTRUCT SHOULDER RUMBLE STRIPS.
2. PLACE PERMANENT PAVEMENT MARKINGS AND INSTALL REPLACEMENT REFLECTORS.
3. COMPLETE FINAL RESTORATION.

**F.A.I.-55**

**PRIOR TO STAGE CONSTRUCTION, THE FOLLOWING WORK SHALL BE COMPLETED:**

**A. TRAFFIC CONTROL**

1. DAYTIME LANE CLOSURE ON RIGHT LANE OF FAI-55 IN ACCORDANCE WITH STATE STANDARD 701406.

**B. CONSTRUCTION**

1. PREPARE RIGHT SHOULDER FOR TRAFFIC IN STAGE 1.

**PRESTAGE:**

**A. TRAFFIC CONTROL**

1. WEAVE TRAFFIC TEN FEET TO THE RIGHT ONTO THE OUTSIDE SHOULDER AND PROVIDE TWO ELEVEN-FOOT THRU LANES AND ONE TWELVE-FOOT WEAVE LANE SHALL BE PROVIDED.

**B. CONSTRUCTION**

1. REMOVE EXISTING INSIDE SHOULDERS AND CONSTRUCT PROPOSED BITUMINOUS SHOULDERS.
2. CONSTRUCT CONCRETE BARRIER WALL.

**STAGE 1:**

**A. TRAFFIC CONTROL**

1. WEAVE TRAFFIC FOUR TO TWELVE FEET TO THE LEFT ONTO THE INSIDE SHOULDER AND PROVIDE TWO-ELEVEN FOOT THRU LANES IN BOTH DIRECTIONS. AT THE FAI-80 BRIDGE TWO ELEVEN-FOOT THRU LANES AND ONE ELEVEN-FOOT WEAVE LANE SHALL BE PROVIDED.

**B. CONSTRUCTION**

1. CONSTRUCT RAMPS A, C, E, AND G.
2. PLACE PERMANENT PAVEMENT MARKINGS ON RAMPS A, C, E, AND G.
3. CONSTRUCT RAMP TERMINALS A, C, E, AND G.

**STAGE 2:**

**A. TRAFFIC CONTROL**

1. MAINTAIN TRAFFIC ON INSIDE SHOULDER PROVIDING TWO ELEVEN-FOOT THRU LANES IN BOTH DIRECTIONS AND AN ELEVEN-FOOT WEAVE LANE AT THE FAI-80 BRIDGE.
2. CLOSE EXISTING RAMPS A, C, E, AND G AND OPEN PROPOSED RAMPS A, C, E, AND G TO TRAFFIC.

**B. CONSTRUCTION**

1. REMOVE EXISTING RAMPS A, C, E, AND G.
2. CONSTRUCT PROPOSED RAMPS B, D, F, AND H TO THE LIMITS SHOWN ON THE PLANS.
3. PLACE PERMANENT PAVEMENT MARKINGS ON RAMPS B, D, F, AND H TO THE LIMITS SHOWN ON THE PLANS.
4. CONSTRUCT TEMPORARY DRAINAGE AND TEMPORARY PAVEMENT CONNECTING PROPOSED RAMPS B, D, F, AND H TO FAI-55 MAINLINE FOR STAGE 3 TRAFFIC.
5. CONSTRUCT BITUMINOUS SHOULDERS ON THE OUTSIDE OF FAI-55.

**WINTER SHUTDOWN:**

**A. TRAFFIC CONTROL**

1. TRAFFIC SHALL BE PLACED IN THEIR ORIGINAL LANES (SEE STRIPING SHEETS).

**STAGE 3:**

**A. TRAFFIC CONTROL**

1. WEAVE TRAFFIC FOUR TO TWELVE FEET TO THE LEFT ONTO THE INSIDE SHOULDER AND PROVIDE TWO-ELEVEN FOOT THRU LANES IN BOTH DIRECTIONS. AT THE FAI-80 BRIDGE TWO ELEVEN-FOOT THRU LANES AND ONE ELEVEN-FOOT WEAVE LANE SHALL BE PROVIDED.
2. CLOSE EXISTING RAMPS B, D, F, AND H. TRAFFIC SHALL UTILIZE PROPOSED RAMPS B, D, F, AND H AND THE TEMPORARY PAVEMENT CONNECTING FAI-55 MAINLINE TO PROPOSED RAMPS B, D, F, AND H.

**B. CONSTRUCTION**

1. COMPLETE CONSTRUCTION OF THE REMAINDER OF RAMPS B, D, F, AND H.
2. CONSTRUCT RAMP TERMINALS B, D, F, AND H.
3. REMOVE EXISTING RAMPS B, D, F, AND H.

**STAGE 4:**

**A. TRAFFIC CONTROL**

1. DAYTIME LANE CLOSURES SHALL BE USED IN ACCORDANCE WITH STATE STANDARD 701406.

**B. CONSTRUCTION**

1. REMOVE TEMPORARY PAVEMENT.
2. CONSTRUCT SHOULDER RUMBLE STRIPS.
3. PLACE PERMANENT PAVEMENT MARKINGS AND INSTALL REPLACEMENT REFLECTORS.
3. COMPLETE FINAL RESTORATION.

**NOTES:**

1. RAISED PAVEMENT REFLECTOR LENSES WHICH CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED. THIS WORK SHALL BE INCLUDED IN THE COST TO THE CONTRACT UNIT PRICE FOR REPLACEMENT REFLECTORS.

F.A.I. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80-55 99-1(K, BY&AC-B)	WILL		497	73
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
<b>CONTRACT NO. 80906</b>				

REVISIONS	
NAME	DATE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.I. 80 & F.A.I. 55 INTERCHANGE

TRAFFIC CONTROL  
STAGING NOTES

SCALE: N.T.S.

DATE: JANUARY, 2005

DRAWN BY: IMG

CHECKED BY: MJL