

**I-57 OVER I-294 CONSTRUCTION STAGING NOTES:**

**PRE-STAGE 1 - I-57 MAINLINE**

DURING THIS STAGE OF THE CONSTRUCTION, THE CONTRACTOR SHALL REMOVE RUMBLE STRIPS AND REPAIR ALL DAMAGED SHOULDERS.

I. PRIOR TO UTILIZING EXISTING HMA SHOULDER FOR TEMPORARY BYPASS, THE CONTRACTOR SHALL REMOVE EXISTING SHOULDER RUMBLE STRIPS AND INSPECT ALL EXISTING HMA SHOULDERS ALONG NB I-57 WITHIN THE PROPOSED WORK AREA AND PROVIDE FULL DEPTH REPAIR TO ALL DAMAGED OR DEFICIENT EXISTING HMA SHOULDERS WITH NEW HMA SURFACE COURSE, MIX "D", N70, ITEM 40603340.

**STAGE 1 - I-57 AND I-294 MAINLINES**

DURING THIS STAGE OF THE CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRIER, INSTALL PAVEMENT MARKING AND SIGNS TO SHIFT THE TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC DRAWINGS.

**A. STAGE 1 - MAINLINE CONSTRUCTION STAGING - I-57**

I. NB MAINLINE TRAFFIC UTILIZING INSIDE SHOULDER AND INSIDE LANES; DURING THIS STAGE OF THE CONSTRUCTION, THE CONTRACTOR SHALL SHIFT THE TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC TYPICAL SECTION AND THE MAINTENANCE OF TRAFFIC PLAN SHEETS CONTRACTOR SHALL MAINTAIN TRAFFIC ACCESS TO EXISTING RAMP J. THE CONTRACTOR SHALL ALSO MAINTAIN EXISTING LIGHTING AND TRAFFIC SURVEILLANCE.

II. CONTRACTOR SHALL CONSTRUCT ALL ITEMS WITHIN THE PROPOSED WORK ZONE, INCLUDING: NEW CD ROAD A BRIDGE OVER I-294, PROPOSED NB I-57 OUTSIDE LANE AND SHOULDER, CD ROAD A PAVEMENT AND TEMPORARY PAVEMENT FOR CROSSEOVERS BETWEEN NB I-57 AND CD ROAD A. BRIDGE CONSTRUCTION MUST BE COORDINATED WITH I-294 STAGING.

**B. STAGE 1 - MAINLINE CONSTRUCTION STAGING - I-294**

I. PAVEMENT MARKING TAPE (BLACK) SHALL BE USED TO COVER ALL CONFLICTING EXISTING PAVEMENT MARKINGS.

II. CLOSE OUTSIDE SHOULDER AND SHIFT TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC SHEETS; \*OUTER PIER WORK ZONE\*. CONSTRUCT OUTSIDE PIERS FOR CD ROAD A BRIDGE.

III. CLOSE INSIDE SHOULDER AND SHIFT TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC SHEETS; \*INNER PIER WORK ZONE\*. CONSTRUCT INSIDE PIER FOR CD ROAD A BRIDGE.

IV. TEMPORARY NIGHT CLOSURES FOR ERECTION OF BRIDGE SUPERSTRUCTURE.

**WINTER SHUTDOWN I - I-57 AND I-294 MAINLINES**

**A. WINTER SHUTDOWN I - MAINLINE I-57**

I. NB I-57 TRAFFIC SHALL BE SHIFTED AND WIDENED TO THE EXISTING 3 - 12 FOOT LANE CONFIGURATION. WORK ZONE SPEED RESTRICTIONS SHALL BE REMOVED.

II. ALL PAVEMENT MARKING REQUIRED TO SHIFT TRAFFIC TO THE EXISTING CONFIGURATION SHALL BE EPOXY PAVEMENT MARKING OF THE COLOR AND SIZE DEPICTED IN THE PLANS.

**B. WINTER SHUTDOWN - MAINLINE I-294**

DURING THIS STAGE, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY TAPE TO EXPOSE EXISTING PAVEMENT MARKINGS.

I. ALL TEMPORARY CONCRETE BARRIER WALL SHALL BE REMOVED.

II. THE CONTRACTOR SHALL PROVIDE THRIE BEAM OF NECESSARY LENGTH BETWEEN BRIDGE PIERS TO CLOSE THE GAP CREATED BETWEEN THE EXISTING AND BUILT CONCRETE BARRIER MEDIAN. SEE I-294 WINTER SHUTDOWN - THRIE BEAM DETAIL.

III. THERE SHALL BE NO WORK ZONE SPEED RESTRICTIONS IMPLEMENTED DURING THIS STAGE. WORK ZONE SIGNS SHALL BE REMOVED.

**STAGE 2 - I-57 AND I-294 MAINLINES**

DURING THIS STAGE OF THE CONSTRUCTION, THE CONTRACTOR SHALL SHIFT THE TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC DRAWINGS IN ORDER TO CONSTRUCT THE NB I-57 OVER I-294 BRIDGE, I-57 NB INSIDE SHOULDER, MEDIAN DRAINAGE, TRAFFIC SURVEILLANCE ITEMS, BARRIER WALL, I-57 SB INSIDE SHOULDER AND THE NEW SB 4TH LANE.

ALL WORK ASSOCIATED WITH PAVEMENT JACKING FOR DRAINAGE ITEMS SHALL BE CONSTRUCTED IN THIS STAGE. ALL TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS ASSOCIATED WITH THIS WORK SHALL BE REMOVED AFTER THE COMPLETION OF PIPE JACKING, DRAINAGE WORK AND GUARDRAIL REPLACEMENT.

THERE IS 940' OF TEMPORARY CONCRETE BARRIER BETWEEN STA. 1264+00 AND STA. 1273+00. THE CONTRACTOR SHALL REMOVE IT FROM THE WORK SITE PER REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED.

**A. STAGE 2 - MAINLINE CONSTRUCTION STAGING - I-57**

I. PRIOR TO UTILIZING CROSSEOVERS FOR TEMPORARY BYPASS, THE CONTRACTOR SHALL INSPECT ALL TEMPORARY PAVEMENT ALONG NB I-57 AND PROVIDE REPAIR TO ALL DAMAGED OR DEFICIENT TRANSITIONS.

II. THE CONTRACTOR SHALL PLACE TEMPORARY RAISED REFLECTIVE PAVEMENT MARKINGS ALONG NB I-57 BETWEEN STA. 1246+81 TO STA. 1272+30.

**NOTES (CONT.):**

III. NB I-57 TRAFFIC SHALL BE SHIFTED TO UTILIZE OUTSIDE SHOULDER AND OUTSIDE LANES AND DIVERTED VIA CROSSEOVER TO CD ROAD A. CONTRACTOR SHALL MAINTAIN FULL TRAFFIC ACCESS TO RAMP J, RAMP F AND THE 159TH ST. ENTRANCE AND EXIT RAMP WITH RESTRICTIONS AS NOTED ON THE PLANS.

IV. SB I-57 TRAFFIC SHALL BE SHIFTED TO UTILIZE OUTSIDE SHOULDER AND OUTSIDE LANES.

V. DEMOLISH EXISTING NB I-57 BRIDGE. CONTRACTOR SHALL CONSTRUCT ALL ITEMS WITHIN THE PROPOSED WORK ZONE, INCLUDING: NEW NB I-57 BRIDGE AND APPROACH PAVEMENT OVER I-294, PROPOSED SB I-57 INSIDE LANE, NB AND SB INSIDE SHOULDERS, MEDIAN DRAINAGE, TRAFFIC SURVEILLANCE ITEMS AND BARRIER WALL. BRIDGE CONSTRUCTION MUST BE COORDINATED WITH I-294 STAGING.

**B. STAGE 2 - MAINLINE CONSTRUCTION STAGING - I-294**

I. PAVEMENT MARKING TAPE (BLACK) SHALL BE USED TO COVER ALL CONFLICTING EXISTING PAVEMENT MARKINGS.

II. CLOSE INSIDE SHOULDER AND SHIFT TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC SHEETS; \*INNER PIER WORK ZONE\*. AFTER DEMOLITION OF EXISTING NB I-57 STRUCTURE, CONSTRUCT INSIDE PIER FOR NB I-57 BRIDGE.

III. CLOSE OUTSIDE SHOULDER AND SHIFT TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC SHEETS; \*OUTER PIER WORK ZONE\*. CONSTRUCT OUTSIDE PIERS FOR NB I-57 BRIDGE.

IV. TEMPORARY NIGHT CLOSURES FOR ERECTION OF NB I-57 BRIDGE SUPERSTRUCTURE.

**WINTER SHUTDOWN II - I-57 AND I-294 MAINLINES**

PRIOR TO UTILIZING THE NEW SB 4TH LANE, THE CONTRACTOR SHALL PLACE AN HMA OVERLAY (HMA SURFACE COURSE, MIX "D", N70, ITEM 40603340) TO ACCOUNT FOR PROFILE, SLOPE AND ELEVATION DIFFERENCES BETWEEN THE EXISTING BRIDGE AND THE NEW SB 4TH LANE.

PRIOR TO THE WINTER SHUTDOWN II, THE CONTRACTOR SHALL PLACE PERMANENT PAVEMENT MARKINGS BETWEEN STA. 1168+75 AND STA. 1235+42 ON NB I-57 AND BETWEEN STA. 1169+19 AND STA. 1247+45 ON SB I-57 PER THE PROPOSED PAVEMENT MARKING SHEETS. ALL SUBSEQUENT MAINTENANCE OF TRAFFIC STAGING SHALL TIE INTO THESE EXISTING PAVEMENT MARKINGS.

DURING THIS STAGE, THE CONTRACTOR SHALL SHIFT ALL TRAFFIC TO THE EXISTING PRE-CONSTRUCTION CONFIGURATION AS DEPICTED IN THE PLANS. ALL TEMPORARY CONCRETE BARRIER WALL SHALL BE RELOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF EXISTING PAVEMENT. THE CONTRACTOR SHALL PLACE 380' OF TEMPORARY CONCRETE BARRIER UNDER THE KEDZIE BRIDGE TO REMAIN FOR THE FINAL CONDITION AS SHOWN ON THE PROPOSED PLAN SHEETS.

**A. WINTER SHUTDOWN II- MAINLINE I-57**

I. NB AND SB I-57 TRAFFIC SHALL BE SHIFTED AND WIDENED TO THE EXISTING 3 - 12 FOOT LANE CONFIGURATION. WORK ZONE SPEED RESTRICTIONS SHALL BE REMOVED.

II. ALL PAVEMENT MARKING REQUIRED TO SHIFT TRAFFIC TO THE EXISTING CONFIGURATION SHALL BE EPOXY PAVEMENT MARKING OF THE COLOR AND SIZE DEPICTED IN THE PLANS.

**B. WINTER SHUTDOWN - MAINLINE I-294**

DURING THIS STAGE, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY TAPE TO EXPOSE EXISTING PAVEMENT MARKINGS.

I. ALL TEMPORARY CONCRETE BARRIER WALL SHALL BE REMOVED.

II. THE CONTRACTOR SHALL PROVIDE THRIE BEAM OF NECESSARY LENGTH BETWEEN BRIDGE PIERS TO CLOSE THE GAP CREATED BETWEEN THE EXISTING AND BUILT CONCRETE BARRIER MEDIAN. SEE I-294 WINTER SHUTDOWN - THRIE BEAM DETAIL.

III. THERE SHALL BE NO WORK ZONE SPEED RESTRICTIONS IMPLEMENTED DURING THIS STAGE. WORK ZONE SIGNS SHALL BE REMOVED.

**STAGE 3 - I-57 AND I-294 MAINLINES**

DURING THIS STAGE OF THE CONSTRUCTION, THE CONTRACTOR SHALL SHIFT THE TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC DRAWINGS IN ORDER TO CONSTRUCT THE SB I-57 OVER I-294 BRIDGE.

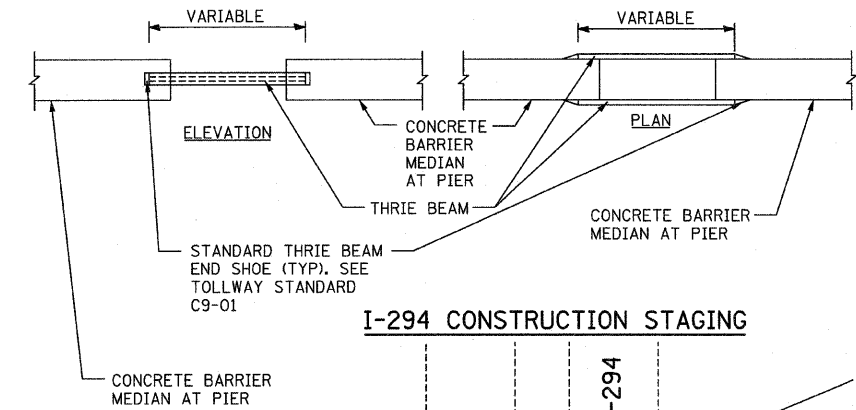
**A. STAGE 3 - MAINLINE CONSTRUCTION STAGING - I-57**

I. PRIOR TO UTILIZING CROSSEOVERS FOR SB I-57 TEMPORARY BYPASS, THE CONTRACTOR SHALL INSPECT ALL PAVEMENT BETWEEN NB AND SB I-57 AND PROVIDE REPAIR TO ALL DAMAGED OR DEFICIENT EXISTING TRANSITIONS.

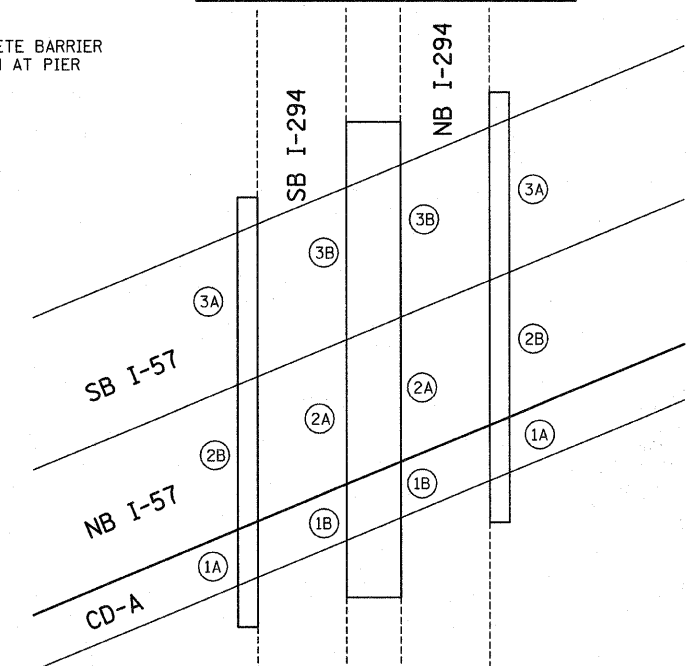
II. SB MAINLINE TRAFFIC SHALL BE DIVERTED VIA CROSSEOVER TO NB I-57; DURING THIS STAGE OF THE CONSTRUCTION, THE CONTRACTOR SHALL SHIFT THE TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC TYPICAL SECTION AND THE MAINTENANCE OF TRAFFIC PLAN SHEETS. CONTRACTOR SHALL MAINTAIN ACCESS FROM RAMP F WITH RESTRICTIONS AS NOTED ON THE PLANS.

III. NB I-57 TRAFFIC WILL REMAIN IN THE WINTER SHUTDOWN CONFIGURATION FROM STA. 1168+75 TO STA. 1235+42. TRAFFIC WILL THEN BE SHIFTED AND NARROWED TOWARD THE OUTSIDE SHOULDER. THE NB I-57 CONFIGURATION INCLUDING STRIPING, DRUMS, AND SIGNS FROM STA. 1239+42 TO 1272+30 WILL MATCH THE STAGE 2 CONFIGURATION.

**I-294 WINTER SHUTDOWN - THRIE BEAM DETAIL**



**I-294 CONSTRUCTION STAGING**



IV. THE CONTRACTOR SHALL PLACE TEMPORARY RAISED REFLECTIVE MARKERS ALONG NB I-57 BETWEEN STA. 1246+81 TO STA. 1272+30. ON SB I-57, THEY SHALL BE PLACED BETWEEN STA. 1247+45 TO STA. 1271+98.

V. DEMOLISH EXISTING SB I-57 BRIDGE. CONTRACTOR SHALL CONSTRUCT ALL ITEMS WITHIN THE PROPOSED WORK ZONE, INCLUDING: NEW SB I-57 BRIDGE AND APPROACH PAVEMENT OVER I-294, PROPOSED SB I-57 OUTSIDE SHOULDER. BRIDGE CONSTRUCTION MUST BE COORDINATED WITH I-294 STAGING.

VI. UPON COMPLETION OF THE SB I-57 BRIDGE AND ASSOCIATED PAVEMENT, ALL I-57 TRAFFIC SHALL BE RETURNED TO FINAL CONFIGURATION AS INDICATED IN THE PROPOSED PAVEMENT MARKING PLANS AND ALL TEMPORARY TRAFFIC CONTROL DEVICES REMOVED. THE CONTRACTOR SHALL MOVE TEMPORARY BARRIER WALL TO CLOSE THE CROSS-OVERS AND GAPS IN BARRIER WALL AT STA. 1240+64 TO STA. 1249+42, STA. 1250+00 TO 1255+70, STA. 1263+60 TO STA. 1271+11, STA. 1263+94 TO STA. 1271+04, STA. 1222+48 TO STA. 1233+48 AND STA. 1225+51 TO STA. 1222+71. PROVIDE BARRIER ATTACHMENT PER 'BARRIER CONNECTION DETAIL' (SHEET 60). THE TEMPORARY CONCRETE BARRIER SHALL HAVE A NOTCHED BASE FOR DRAINAGE FLOW THROUGH THE BARRIER AND INTO THE DRAIN SYSTEM.

**B. STAGE 3 - MAINLINE CONSTRUCTION STAGING - I-294**

I. PAVEMENT MARKING TAPE (BLACK) SHALL BE USED TO COVER ALL CONFLICTING EXISTING PAVEMENT MARKINGS.

II. CLOSE OUTSIDE SHOULDER AND SHIFT TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC SHEETS; \*OUTER PIER WORK ZONE\*. CONSTRUCT OUTSIDE PIERS FOR SB I-57 BRIDGE. RECONSTRUCT OUTSIDE I-294 SHOULDERS.

III. CLOSE INSIDE SHOULDER AND SHIFT TRAFFIC AS NOTED ON THE MAINTENANCE OF TRAFFIC SHEETS; \*INNER PIER WORK ZONE\*. CONSTRUCT INSIDE PIER FOR SB I-57 BRIDGE. RECONSTRUCT INSIDE I-294 SHOULDERS.

IV. TEMPORARY NIGHT CLOSURES FOR ERECTION OF SB I-57 BRIDGE SUPERSTRUCTURE.

V. UPON COMPLETION OF THE SB I-57 BRIDGE AND ASSOCIATED PAVEMENT, ALL I-294 TRAFFIC SHALL BE RETURNED TO FINAL CONFIGURATION. ALL BLACK TAPE AND TRAFFIC CONTROL DEVICES SHALL BE REMOVED.

TYLIN INTERNATIONAL	USER NAME =	DESIGNED - DM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-57 AT I-294 INTERCHANGE PROJECT		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	DRAWN - DM	REVISED -		57	1414.2B	COOK	516	92			
	PLOT DATE =	CHECKED - JPM	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60J27			
		DATE - 3/18/2010	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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