

**SUGGESTED STAGES OF CONSTRUCTION**

**PRE-STAGE:**

- 1) WORK IN THIS STAGE CONSISTS OF INSTALLING TEMPORARY SOIL RETENTION SYSTEM WITHIN THE US ROUTE 20 MEDIAN, EAST AND WEST OF THE BRIDGE OVER MCLEAN BLVD. AS SHOWN ON THE PLANS.
- 2) INSTALL "CHANGEABLE MESSAGE SIGNS" PRIOR TO START OF CONSTRUCTION ACTIVITY ON US ROUTE 20. SHIFT EASTBOUND US ROUTE 20 AS SHOWN ON THE PLANS AND MAINTAIN TWO 11 FOOT LANES.

**STAGE IA:**

- 1) WORK IN THIS STAGE CONSISTS OF RECONSTRUCTING WESTBOUND US ROUTE 20, RECONSTRUCTING WESTBOUND EXIT AND ENTRANCE RAMPS, RECONSTRUCTING WESTBOUND US ROUTE 20 MAINLINE BRIDGE OVER MCLEAN BLVD., CONSTRUCTING TEMPORARY RAMPS "A", "B" AND "D", CONSTRUCTING TEMPORARY PAVEMENT ALONG WESTBOUND US ROUTE 20 INSIDE SHOULDER AND REMOVING EXISTING MEDIAN CONCRETE BARRIER AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.
- 2) SHIFT EASTBOUND TRAFFIC INTO THE STAGE IA CONFIGURATION SHOWN ON THE PLANS INCLUDING THE TEMPORARY CONCRETE BARRIER ON BOTH SIDES OF THE EB TRAFFIC.
- 3) DIRECT THE WESTBOUND TRAFFIC ONTO THE EASTBOUND PAVEMENT VIA THE CROSSEVERS LOCATED AT THE EAST AND WEST END OF THE PROJECT LIMITS. MAINTAIN THE RAMPS CONNECTING US ROUTE 20 AND MCLEAN BLVD. AS SHOWN IN THE PLANS.

**STAGE IB:**

- 1) WORK IN THIS STAGE CONSISTS OF RECONSTRUCTING WESTBOUND RAMPS, CONTINUING RECONSTRUCTING US ROUTE 20 MAINLINE BRIDGE, AND RECONSTRUCTION OF WESTBOUND US ROUTE 20 OUTSIDE SHOULDER AS SHOWN IN THE PLANS.
- 2) MAINTAIN THE STAGE IA TRAFFIC PATTERN ALONG MAINLINE US ROUTE 20. SHIFT THE WESTBOUND EXIT AND ENTRANCE RAMP TRAFFIC ONTO THE TEMPORARY RAMPS CONSTRUCTED IN STAGE IA AS SHOWN IN THE PLANS.

**STAGE IC:**

- 1) WORK IN THIS STAGE CONSISTS OF COMPLETING WESTBOUND US ROUTE 20 MAINLINE AND WESTBOUND RAMPS AND CONSTRUCTING TEMPORARY PAVEMENT ALONG WESTBOUND US ROUTE 20 INSIDE SHOULDER AT LOCATIONS AS SHOWN IN THE PLANS.
- 2) MAINTAIN THE STAGE IB TRAFFIC PATTERN ALONG MAINLINE US ROUTE 20. SHIFT THE WESTBOUND EXIT AND ENTRANCE RAMP TRAFFIC ONTO THE NEWLY CONSTRUCTED PROPOSED PAVEMENT.

**STAGE ID:**

- 1) WORK IN THIS STAGE CONSISTS OF WIDENING THE TEMPORARY PAVEMENT THAT WAS CONSTRUCTED DURING STAGE IC ALONG THE SOUTH SIDE OF THE PROPOSED WB PAVEMENT.
- 2) MAINTAIN THE EB LANES IN THE STAGE IC TRAFFIC PATTERN. SHIFT THE WB LANES ONTO THE PROPOSED WB PAVEMENT.

**WINTER SHUTDOWN:**

- 1) REMOVE PAVEMENT MARKINGS THAT CONFLICT WITH WINTER SHUTDOWN TRAFFIC LANES. APPLY PAVEMENT MARKINGS AS SHOWN ON WINTER SHUTDOWN PLANS AND TYPICAL SECTION. MAINTAIN TRAFFIC AS SHOWN IN THE WINTER SHUTDOWN PLANS. NO DROP-OFFS SHALL BE ALLOWED DURING WINTER SHUTDOWN EXCEPT AS APPROVED BY THE ENGINEER AND WHICH ARE PROTECTED BY BARRIERS AS APPROPRIATE.

**STAGE IIA:**

- 1) WORK IN THIS STAGE CONSISTS OF RECONSTRUCTING EASTBOUND US ROUTE 20 MAINLINE, RECONSTRUCTING EASTBOUND EXIT AND ENTRANCE RAMPS, RECONSTRUCTING EASTBOUND US ROUTE 20 MAINLINE BRIDGE OVER MCLEAN BLVD., CONSTRUCTING TEMPORARY RAMP "C", AND CONSTRUCTING RAMP Crossover AS SHOWN IN THE PLANS.
- 2) DIRECT THE US ROUTE 20 EASTBOUND TRAFFIC ONTO THE NEWLY CONSTRUCTED WESTBOUND US ROUTE 20 PAVEMENT VIA THE CROSSEVERS LOCATED AT THE EAST AND WEST END OF THE PROJECT LIMITS.
- 3) THE CONTRACTOR SHALL BEGIN CONSTRUCTION ON MCLEAN BLVD. CONCURRENT WITH THIS STAGE. REFER TO THE SUGGESTED STAGES II.1 THRU STAGE II.4 FOR CONSTRUCTION ON MCLEAN BLVD.

**STAGE IIB:**

- 1) WORK IN THIS STAGE CONSISTS OF COMPLETING EASTBOUND US ROUTE 20 MAINLINE, EASTBOUND RAMPS, AND EASTBOUND US ROUTE 20 MAINLINE BRIDGE AS SHOWN IN THE PLANS.
- 2) MAINTAIN THE STAGE IIA TRAFFIC PATTERN ALONG MAINLINE US 20. SHIFT THE EB EXIT RAMP TRAFFIC AND EB ENTRANCE RAMP TRAFFIC ONTO THE TEMPORARY RAMP CONSTRUCTED IN STAGE IIA AND CONSTRUCT THE REMAINING PART OF THE RAMP AS SHOWN IN THE PLANS.
- 3) CONTRACTOR SHALL COMPLETE THE CONSTRUCTION ON MCLEAN BLVD. AND LILLIAN STREET AS DESCRIBED BELOW.

**STAGE II.1:**

- 1) BEFORE COMMENCING ANY WORK IN THIS STAGE, THE CONTRACTOR SHALL DEMOLISH THE REMAINDER OF THE EXISTING US ROUTE 20 EASTBOUND BRIDGE OVER MCLEAN BLVD.
- 2) WORK IN THIS STAGE CONSISTS OF WIDENING AND CONSTRUCTING TEMPORARY PAVEMENT ALONG MCLEAN BLVD. AND LILLIAN STREET, INSTALLING TEMPORARY TRAFFIC SIGNALS AND CONSTRUCTING THE RETAINING WALL AND DRIVEWAY ON PARCEL 18 (EL FARO RESTAURANT).
- 3) SHIFT THE TRAFFIC TO THE WEST SIDE OF MCLEAN BLVD. AND MAINTAIN TWO 10 FOOT LANES IN EACH DIRECTION AND A LEFT TURN LANE AS SHOWN IN THE PLANS.
- 4) CONTRACTOR SHALL COORDINATE BETWEEN MCLEAN BLVD. STAGING PLANS AND TEMPORARY TRAFFIC SIGNAL PLANS IN ALL CONSTRUCTION STAGES.

**STAGE II.2:**

- 1) CONSTRUCT PROPOSED IMPROVEMENTS ALONG MCLEAN BLVD. SOUTHBOUND LANES AS SHOWN IN THE PLANS.
- 2) SHIFT THE MCLEAN BLVD. TRAFFIC ON TO THE TEMPORARY PAVEMENT AND THE EAST SIDE OF THE EXISTING PAVEMENT AND MAINTAIN TWO 10 FOOT LANES IN EACH DIRECTION AND A LEFT TURN LANE AS SHOWN IN THE PLANS.
- 3) RECONSTRUCT THE MCLEAN BLVD. INTERSECTIONS WITH SIDESTREETS AND RAMPS IN TWO SUBSTAGES II.2A AND II.2B AS SHOWN IN THE PLANS.

**STAGE II.3:**

- 1) RECONSTRUCT MCLEAN BLVD. LEFT TURN LANES, RECONSTRUCT MCLEAN BLVD. NORTHBOUND INSIDE LANE, AND CONSTRUCT TEMPORARY PAVEMENT ALONG MEDIAN AS SHOWN IN THE PLANS.
- 2) MAINTAIN THE NORTHBOUND TRAFFIC AS SHOWN IN STAGE II.2 AND SHIFT THE SOUTHBOUND TRAFFIC ONTO THE NEWLY CONSTRUCTED SOUTHBOUND PAVEMENT.
- 3) RECONSTRUCT THE MCLEAN BLVD. INTERSECTIONS WITH SIDESTREETS AND RAMPS IN TWO SUBSTAGES II.3A AND II.3B AS SHOWN IN THE PLANS.

**STAGE II.4:**

- 1) COMPLETE THE PROPOSED IMPROVEMENT ALONG MCLEAN BLVD. NORTHBOUND LANES, AND CONSTRUCT FLEETWOOD DRIVE AND LILLIAN STREET EAST OF MCLEAN BLVD. AS SHOWN IN THE PLANS.
- 2) MAINTAIN THE MCLEAN BLVD. SOUTHBOUND TRAFFIC AS SHOWN IN STAGE II.3 AND SHIFT THE NORTHBOUND TRAFFIC ONTO THE NEWLY RECONSTRUCTED MCLEAN BLVD.
- 3) RECONSTRUCT THE MCLEAN BLVD. INTERSECTIONS, FLEETWOOD DRIVE AND LILLIAN STREET EAST OF MCLEAN BLVD. IN TWO SUBSTAGES II.4A AND II.4B AS SHOWN IN THE PLANS.

**STAGE II.4A:**

- 1) FLEETWOOD DRIVE: SHIFT THE TRAFFIC ONTO THE EXISTING WESTBOUND PAVEMENT AND CONSTRUCT EASTBOUND LANES AS SHOWN IN THE PLANS.
- 2) LILLIAN STREET: SHIFT THE TRAFFIC ONTO THE TEMPORARY WIDENED PAVEMENT ALONG THE WESTBOUND LANES AND CONSTRUCT THE EASTBOUND LANES AS SHOWN IN THE PLANS.

**STAGE II.4B:**

- 1) FLEETWOOD DRIVE: SHIFT THE TRAFFIC ONTO THE NEWLY CONSTRUCTED EASTBOUND PAVEMENT AND CONSTRUCT THE WESTBOUND LANES AS SHOWN IN THE PLANS.
- 2) LILLIAN STREET: SHIFT THE TRAFFIC ONTO THE CONSTRUCTED EASTBOUND PAVEMENT AND CONSTRUCT THE WESTBOUND LANES AS SHOWN IN THE PLANS.

**STAGE III:**

- 1) WORK IN THIS STAGE CONSISTS OF, COMPLETION OF BRIDGE OVER MCLEAN BLVD., CONSTRUCTING US ROUTE 20 INSIDE SHOULDER AND MEDIAN BARRIER WALL, CONSTRUCTING MEDIANS ALONG MCLEAN BLVD., LILLIAN STREET AND FLEETWOOD DRIVE, CONSTRUCTING CORNER ISLANDS AT THE INTERSECTIONS OF US 20 RAMPS AND MCLEAN BLVD., CONSTRUCTING DETENTION BASINS ALONG US-20, AND INSTALLING ALL ROADWAY SAFETY ITEMS, PAVEMENT MARKINGS AND LANDSCAPING.
- 2) THE PROPOSED (PERMANENT) TRAFFIC SIGNALS AT THE INTERSECTIONS OF MCLEAN BLVD WITH FLEETWOOD DR, US ROUTE 20, AND LILLIAN ST SHALL BE CONSTRUCTED AND PLACED INTO OPERATION PRIOR TO THE START OF THIS STAGE. MAINTAIN THE TRAFFIC PATTERN ON US ROUTE 20, MCLEAN BLVD. AND LILLIAN STREET AND CONSTRUCT THE INSIDE SHOULDER AND MEDIAN AS SHOWN IN THE PLANS. WORK ALONG US ROUTE 20 SHALL ONLY BE ALLOWED DURING THE ALLOWABLE LANE CLOSURE HOURS DEFINED IN THE SPECIAL PROVISION, AND SINGLE LANE CLOSURES SHALL BE REQUIRED IN BOTH THE EB AND WB DIRECTIONS ADJACENT TO THE WORK AREA WHERE WORKERS ARE PRESENT.

**STAGE IV:**

- 1) WORK IN THIS STAGE CONSISTS OF RESURFACING US ROUTE 20.  
WB DIRECTION: STA. 55+00 TO STA. 70+00 AND FROM STA. 140+24 TO STA. 156+02  
EB DIRECTION: STA. 54+00 TO STA. 70+00 AND FROM STA. 140+24 TO STA. 156+02
- 2) TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH IDOT STANDARD NO. 701421 AND ANY OTHER APPLICABLE STANDARDS.

\IFS-00141\MM\VALT\_0-TRANS\_07A\2202\21379-001\CIVIL\CAD\60R445\AS\ASHEET\0160R445-SHT-STAGING\052.DWG  
 12-12-2011 12:52:43  
 BANZEKJ  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

FILE NAME =	USER NAME = #USER#	DESIGNED - PB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20				STAGING AND TRAFFIC CONTROL SUGGESTED STAGES OF CONSTRUCTION				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - SA	REVISED -					345	BR-R	KANE	794	128				
	PLOT SCALE = #SCALE#	CHECKED - DDH	REVISED -	SCALE:				SHEET NO.	OF	STA.	TO STA.	CONTRACT NO. 60H45				
	PLOT DATE = #DATE#	DATE - 12/16/11	REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				