

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - GENERAL NOTES

THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEME WOULD REQUIRE SOME SEGMENTS OF THE ROADWAY ON THE SAME ALIGNMENT TO BE CONSTRUCTED IN SEPARATE STAGES. APPROXIMATE ALIGNMENT STATIONS FOR CONSTRUCTION STAGES HAVE BEEN PROVIDED IN THE PLANS. ACTUAL STATIONS SHALL BE APPROVED BY THE ENGINEER.

ALL TRAFFIC CONTROL FOR WORK SHOWN IN THE STAGING PLAN, INCLUDING INCIDENTALS FOR THE PURPOSE OF MAINTENANCE AND PROTECTION OF TRAFFIC ALONG IL 13 SHALL BE PAID FOR AS "TRAFFIC CONTROL AND PROTECTION, SPECIAL". THE OTHER STAGING OPERATIONS SHALL BE PAID FOR UNDER THE APPROPRIATE HIGHWAY TRAFFIC CONTROL AND PROTECTION STANDARDS.

A TWO-WEEK NOTIFICATION SHALL BE PROVIDED TO THE ENGINEER PRIOR TO EACH CLOSURE WHICH REQUIRES A DETOUR.

ALL INTERSECTION CLOSURE SHALL BE COORDINATED WITH BUSINESSES AND RESIDENCES THAT ARE TO BE AFFECTED BY THE CONSTRUCTION TO DETERMINE THE BEST TIME FOR CLOSURE.

THE CONTRACTOR CAN ELECT TO COMPLETE INDIVIDUAL CONSTRUCTION STAGES AT ANY TIME DURING THE PROJECT CONTRACT, PROVIDED THE PREREQUISITES HAVE BEEN MET, AND INTERIM AND FINAL COMPLETION DATES ARE MET.

CONFLICTING PAVEMENT MARKING SHALL BE COVERED WITH TYPE III TEMPORARY TAPE, BLACK.

PLACE FINAL PAVEMENT MARKINGS ON FINAL ROADWAY PAVEMENT SURFACE COURSE. IN INSTANCES WHERE WORK ZONE (TEMPORARY) PAVEMENT MARKINGS ARE REQUIRED FOR MAINTAINING TRAFFIC, THEY SHALL BE PLACED ON INTERMEDIATE SURFACE COURSES, AS NOTED ON THE PLANS, OR OTHERWISE APPROVED BY THE ENGINEER. TEMPORARY TAPE SHALL BE USED FOR MAINTENANCE OF TRAFFIC ON THE FINAL ROADWAY PAVEMENT.

ANY ELEVATION CHANGE WITH THE PCC INTERSECTION DURING STAGING IN THE DIRECTION OF TRAVEL GREATER THAN ONE INCH WILL REQUIRE TEMPORARY RAMP BUILT TO AT LEAST A 40:1 SLOPE.

WHEN PAVEMENT DROP-OFF IS TO REMAIN ADJACENT TO LIVE TRAFFIC LANE BARRICADES WITH PIPE EXTENSIONS SHALL BE USED TO ACHIEVE THE CORRECT ELEVATION.

PRE-STAGE

- CONSTRUCT TEMPORARY SIGNAL, AS SHOWN ON SHEET NO. TR-05 - TEMPORARY SIGNAL INSTALLATION.
- TEMPORARY SIGNAL PHASING TO MATCH THE EXISTING PHASING, AND ACTIVATE TRAFFIC SIGNALS INTO OPERATION.
- DISCONNECT AND REMOVE ALL EXISTING SIGNALS, AND EXISTING ISLAND SIGNALS.
- REMOVE EXISTING ISLANDS AND PLUG WITH TEMPORARY BITUMINOUS MIX.
- REMOVE EXISTING MEDIAN PAVEMENT AT IL 13 AND COMMERCIAL DRIVE, APPROXIMATE IL 13 STA 450+00 TO STA 457+00.

STAGE 1

OBJECTIVE: COMPLETE IL 13 EB AND WB, AND NEW CITY STREETS. TRAFFIC ROUTING ALL TRAFFIC ON EXISTING FACILITIES EXCEPT AS NOTED BELOW; OPEN TO TRAFFIC:

- SHIFT IL 13 MAINLINE TRAFFIC TOWARD EXISTING MEDIAN (INSIDE) SHOULDERS TO CONSTRUCT LANE ADDITION, AS SHOWN ON PLANS.
- CLOSED TO TRAFFIC:
- EXISTING MEDIAN TURN LANES AT COMMERCIAL DR AND PLAZA DR WEST INTERSECTIONS WITH IL 13.
 - STA. 455+65 TO STA. 456+65 IL 13 EB AND WB

STAGE 1 (CONTINUED)

REMOVAL/DEMOLITION THIS STAGE:
 - REMOVE EXISTING PAVEMENTS AND SHOULDERS WITHIN AVAILABLE WORK ZONE LIMITS.
 CONSTRUCTION CRITICAL FOR STAGE 2:
 PERMANENT ROADWAY CONSTRUCTION:
 - IL 13 WB STA. 441+02.20 TO STA. 480+37.10
 - IL 13 EB STA. 443+90.94 TO STA. 479+50.00
 - COMMERCIAL DR - STA. 7+98 TO STA. 11+51
 - PLAZA DR WEST
 - CITY ST SOUTHWEST
 - CITY ST SOUTH
 - CITY ST NORTH
 - CITY ST NORTHWEST
 - NORTH FRONTAGE RD
 - BRENTWOOD DR
 - COMMERCE DR

STAGE 1 IS TO BE ACCOMPLISHED IN THE FOLLOWING SUB-STAGES:

STAGE 1A

OBJECTIVE: COMPLETE PLAZA DR WEST
 STEP 1
 TRAFFIC ROUTING:
 OPEN TO TRAFFIC:
 - RESTRICT EXISTING PLAZA DR WEST (STA. 8+30 TO STA. 11+51) TO 1 LANE USING FLAGGERS TO MAINTAIN LOCAL ACCESS.
 CLOSED TO TRAFFIC:
 - PLAZA DR WEST AT IL 13 WB INTERSECTION
 PERMANENT ROADWAY CONSTRUCTION:
 - PLAZA DR WEST - STA. 8+30 LT. TO STA. 11+51 LT.
 STEP 2
 TRAFFIC ROUTING:
 OPEN TO TRAFFIC:
 - RESTRICT EXISTING PLAZA DR WEST (STA. 8+30 TO STA. 11+51) TO 1 LANE USING FLAGGERS AND PER STANDARD BLR-21 TO MAINTAIN LOCAL ACCESS.
 CLOSED TO TRAFFIC:
 - PLAZA DR WEST AT IL 13 WB INTERSECTION
 PERMANENT ROADWAY CONSTRUCTION:
 - PLAZA DR WEST - STA. 8+30 RT TO STA. 11+51 RT.

STAGE 1B

OBJECTIVE: COMPLETE COMMERCIAL DR - STA. 1+00 TO STA. 2+23.
 TRAFFIC ROUTING:
 OPEN TO TRAFFIC:
 - COMMERCIAL DR STA. 2+23 TO DIVISION ST.
 CLOSED TO TRAFFIC:
 - COMMERCIAL DR AT IL 13 EB INTERSECTION
 PERMANENT ROADWAY CONSTRUCTION:
 - COMMERCIAL DR - STA. 1+00 TO STA. 2+23.

THE CONTRACTOR MAY ELECT TO CONSTRUCT STAGES 1A AND 1B CONCURRENTLY.

STAGE 1C

OBJECTIVE: COMPLETE CITY ST SOUTHWEST AND CITY ST SOUTH.
 PERMANENT ROADWAY CONSTRUCTION:
 - CITY ST SOUTHWEST - STA. 0+10 TO STA. 4+11
 - CITY ST SOUTH - STA. 0+30 TO STA. 3+02

STAGE 1D

OBJECTIVE: COMPLETE CITY ST NORTHWEST AND CITY ST NORTH
 PERMANENT ROADWAY CONSTRUCTION:
 - CITY ST NORTHWEST - STA. 0+11 TO STA. 5+31
 - CITY ST NORTH - STA. 0+15 TO STA. 2+83

STAGE 1E

OBJECTIVE: COMPLETE NORTH FRONTAGE RD
 TRAFFIC ROUTING:
 STEP 1
 OPEN TO TRAFFIC:
 - PLAZA DRIVE EAST
 - NORTH FRONTAGE ROAD FROM STA. 10+00 TO COMMERCE DRIVE
 - COMMERCE DRIVE
 CLOSED TO TRAFFIC:
 - BRENTWOOD DRIVE FROM STA. 7+50 TO STA. 10+00
 - NORTH FRONTAGE ROAD FROM DIVISION STREET NORTH TO STA. 10+00
 TEMPORARY ROADWAY CONSTRUCTION:
 - WIDEN NORTH FRONTAGE ROAD STA. 10+00 TO STA. 19+54 RT WITH AGGREGATE FOR TEMPORARY ACCESS TO PROVIDE A MINIMUM 10' TRAVEL LANE TO MAINTAIN LOCAL ACCESS (SEE TYPICAL)
 PERMANENT ROADWAY CONSTRUCTION:
 - NORTH FRONTAGE ROAD STA. 0+15 TO STA. 10+00
 - NIGHT-TIME WORK REQUIRED AT INTERSECTION WITH DIVISION ST NORTH.
 - BRENTWOOD DRIVE STA. 7+80 TO STA. 9+88
 STEP 2
 OPEN TO TRAFFIC:
 - BRENTWOOD DR
 - COMMERCE DR
 - RESTRICT NORTH FRONTAGE ROAD STA. 10+00 TO STA. 19+54 AND COMMERCE DR STA. 18+45 TO STA. 19+40 AND BRENTWOOD DR STA. 7+80 TO STA. 9+88 TO 1 LANE DIRECTING TRAFFIC TO TRAVEL IN ONE DIRECTION FROM COMMERCE DR TO NORTH FRONTAGE ROAD TO BRENTWOOD DR TO MAINTAIN ACCESS.
 CLOSED TO TRAFFIC:
 - NONE
 TEMPORARY ROADWAY CONSTRUCTION:
 - CONSTRUCT TEMPORARY RAMPS AT EXISTING DRIVEWAYS TO CONNECT WITH EXISTING NORTH FRONTAGE ROAD RT USING AGGREGATE FOR TEMPORARY ACCESS TO MAINTAIN LOCAL ACCESS. CONSTRUCT TEMPORARY DRIVEWAY RAMP ACCESS TO A MAXIMUM OF 1:12 SLOPE.
 PERMANENT ROADWAY CONSTRUCTION:
 - NORTH FRONTAGE ROAD - STA. 10+00 LT TO STA. 19+54 LT
 - NORTH FRONTAGE ROAD - STA. 19+54 TO STA. 22+55
 - COMMERCE DR - STA. 18+45 RT TO STA. 19+40 RT
 STEP 3
 OPEN TO TRAFFIC:
 - BRENTWOOD DR
 - SHIFT NORTH FRONTAGE ROAD TRAFFIC TO USE PORTION OF NEWLY CONSTRUCTED NORTH FRONTAGE ROAD - STA. 10+00 LT TO STA. 19+54 LT. RESTRICT NORTH FRONTAGE ROAD STA. 10+00 TO STA. 19+54 AND COMMERCE DR STA. 18+45 TO STA. 19+40 AND BRENTWOOD DR STA. 7+80 TO STA. 9+88 TO 1 LANE DIRECTING TRAFFIC TO TRAVEL IN ONE DIRECTION FROM COMMERCE DR TO NORTH FRONTAGE ROAD TO BRENTWOOD DR TO MAINTAIN ACCESS.
 TEMPORARY ROADWAY CONSTRUCTION:
 - CONSTRUCT TEMPORARY RAMPS AT EXISTING DRIVEWAYS TO CONNECT WITH PROPOSED NORTH FRONTAGE ROAD LT USING AGGREGATE FOR TEMPORARY ACCESS TO MAINTAIN LOCAL ACCESS. CONSTRUCT TEMPORARY DRIVEWAY RAMP ACCESS TO A MAXIMUM OF 1:12 SLOPE.
 PERMANENT ROADWAY CONSTRUCTION:
 - COMPLETE NORTH FRONTAGE ROAD STA. 10+00 RT TO STA. 19+54 RT.
 - ONE WEEKEND CLOSURE MAY BE REQUIRED TO COMPLETE PERMANENT DRIVEWAYS CONSTRUCTION PLUG-IN WITH NORTH FRONTAGE ROAD.
 - COMPLETE COMMERCE DR STA. 18+45 LT TO STA. 19+40 LT.
STAGE 1F
 PREREQUISITES: STAGES 1A, 1B, 1C, 1D AND 1E
 OBJECTIVE: CONSTRUCT DIVISION ST SOUTH - STA. 0+76 TO STA. 16+91 RT.
 DIVISION ST NORTH - NORTHWEST QUADRANT OF INTERSECTION
 TRAFFIC ROUTING:
 - MAINTAIN EXISTING IL 13 EB AND WB
 - MAINTAIN 1-LANE ON DIVISION ST SOUTH. SHIFT SOUTHBOUND TRAFFIC TO USE EXISTING NORTHBOUND LANE VIA EXISTING IL 13 MEDIAN INTERSECTION.
 OPEN TO TRAFFIC:
 - CITY ST NORTHWEST AND CITY NORTH
 - CITY ST SOUTHWEST AND CITY SOUTH
 CLOSED TO TRAFFIC:
 - EXISTING COMMERCIAL DR AT DIVISION ST SOUTH INTERSECTION
 - EXISTING PLAZA DR WEST AT DIVISION ST NORTH

FILE NAME =	USER NAME = maebl	DESIGNED - KN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\work\p\p\dots\1011egbl\109339666\0972	258-shk-staging-01.dgn	DRAWN - AS	REVISED -			331	(1-4)R-2, N-4, TS-4	WILLIAMSON	381	129	
CH2MHILL	PLOT SCALE = 2,000' / 1" =	CHECKED -	REVISED -			DRAWING NO. TC-01 CONTRACT NO. 78258					
	PLOT DATE = 6/26/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: SHEET NO. 1 OF 13 SHEETS STA. TO STA.							