

SEQUENCE OF CONSTRUCTION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15VB-1-R-1	COOK	243	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62388

CONSTRUCTION STAGING

- THE FOLLOWING IS THE CONSTRUCTION STAGING FOR THIS PROJECT. THE PURPOSE OF THIS STAGING IS TO MINIMIZE DELAYS TO THE MOTORIST. THE CONTRACTOR MAY ALTER THE SEQUENCE OF CONSTRUCTION WITH THE PRIOR APPROVAL OF THE ENGINEER.
- PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
- FLAGGERS SHALL BE POSITIONED IN ADVANCE OF THE WORK OPERATION AND REMAIN THERE UNTIL THE OPERATION IS COMPLETE. THIS WORK SHALL BE PAID FOR IN THE CONTRACT UNIT COST LUMP SUM FOR RAILROAD FLAGMEN.

PRESTAGE

CONSTRUCTION

- INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF SOUTHWEST HIGHWAY AND RIDGELAND AVENUE.
- THE CONTRACTOR SHALL INSTALL ALL OF THE TEMPORARY LIGHT POLE COMPLETE WITH TEMPORARY WOOD POLES, AERIAL CABLES, WIRE RACKS, LIGHTING CONTROLLER, AND CONNECTIONS TO OR THROUGH EXISTING LIGHT POLES AS PROPOSED ON THE LIGHTING PLANS. ALL TEMPORARY LIGHT POLES AND EXISTING POLES TO REMAIN SHALL BE COMPLETELY OPERATIONAL BEFORE ANY EXISTING POLES ARE REMOVED OR DISCONNECTED.
- CONSTRUCT TEMPORARY PAVEMENT ON SOUTHWEST HIGHWAY AT NORTHWEST QUADRANT OF RIDGELAND AVENUE AND SOUTHWEST HIGHWAY.

MAINTENANCE OF TRAFFIC

TRAFFIC WILL REMAIN IN EXISTING CONDITIONS WITH LANE CLOSURES OR SHOULDER CLOSURES USED WHERE REQUIRED. TWO WAY TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARD 701701.

STAGE 1

CONSTRUCTION

- PLACE STAGE 1 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS.
- ACTIVATE TEMPORARY TRAFFIC SIGNALS AT SOUTHWEST HIGHWAY AND RIDGELAND AVENUE.
- PLACE TEMPORARY CONCRETE BARRIER AT LOCATIONS SHOWN IN THE PLANS
- REMOVE AND RECONSTRUCT THE EXISTING SOUTH SIDE OF THE PROPOSED BRIDGE, PAVEMENT, AND CURB AND GUTTER ALONG THE EASTBOUND LANES OF SOUTHWEST HIGHWAY.

NOTE: SEE PLANS FOR LOCATIONS TO CONSTRUCT TEMPORARY PAVEMENT IN PLACE OF CURB AND GUTTER ALONG THE ROADWAY AND PEDESTRIAN SIDEWALK, PARAPET, AND BICYCLE RAILING ON THE BRIDGE.

- CONSTRUCT TEMPORARY PAVEMENT ON SOUTHWEST HIGHWAY AT SOUTHWEST QUADRANT OF RIDGELAND AVENUE AND SOUTHWEST HIGHWAY AND ALONG SOUTHWEST HIGHWAY EASTBOUND LANES.
- NO WORK WILL BE DONE AT THE INTERSECTION AT THIS TIME. STAGE 1 CONSTRUCTS THE PROPOSED EASTBOUND LANES OF SOUTHWEST HIGHWAY UP TO THE NORTH BRIDGE LIMITS.

MAINTENANCE OF TRAFFIC

TRAFFIC WILL BE SHIFTED TO THE WESTBOUND LANES ALONG SOUTHWEST HIGHWAY FOR STAGE 1 CONSTRUCTION. A LEFT TURN ONLY LANE AND COMBINATION THRU AND RIGHT TURN LANE WILL BE PROVIDED FOR BOTH DIRECTIONS ALONG SOUTHWEST HIGHWAY. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701701 AND 701606.

STAGE 2

CONSTRUCTION

- PLACE TEMPORARY HOT MIX ASPHALT RAMP FROM EASTBOUND ELEVATED BRIDGE LIMITS TO EXISTING PAVEMENT AT RIDGELAND AVENUE AS SHOWN ON MOT PLANS.
- REMOVE STAGE 1 TRAFFIC CONTROL DEVICES ALONG SOUTHWEST HIGHWAY AND SHIFT TRAFFIC TO THE NEWLY CONSTRUCTED EASTBOUND LANES.
- PLACE STAGE 2 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN.
- RESET TEMPORARY TRAFFIC SIGNALS AT SOUTHWEST HIGHWAY AND RIDGELAND AVENUE.
- RELOCATE TEMPORARY CONCRETE BARRIER AT LOCATIONS SHOWN IN THE PLANS.
- REMOVE AND RECONSTRUCT THE EXISTING NORTH SIDE OF THE PROPOSED BRIDGE, PAVEMENT, AND CURB AND GUTTER ALONG THE EASTBOUND LANES OF SOUTHWEST HIGHWAY. (SEE BRIDGE PLANS FOR STAGING INFORMATION).
- BARRIER MEDIAN REMOVAL WILL BE DONE ON SOUTH LEG OF INTERSECTION AS SHOWN ON PLANS. NO OTHER WORK WILL BE DONE AT THE INTERSECTION AT THIS TIME. STAGE 2 CONSTRUCTS THE PROPOSED WESTBOUND LANES OF SOUTHWEST HIGHWAY UP TO THE NORTH BRIDGE LIMITS.

MAINTENANCE OF TRAFFIC

TRAFFIC WILL BE SHIFTED TO THE NEWLY CONSTRUCTED PAVEMENT FROM STAGE 1. A LEFT TURN ONLY AND COMBINATION THRU AND RIGHT TURN LANE WILL BE PROVIDED FOR BOTH DIRECTIONS ALONG SOUTHWEST HIGHWAY. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701701 AND 701606.

STAGE 3 - SUBSTAGE A

CONSTRUCTION

- SHIFT TRAFFIC CONTROL DEVICES ALONG SOUTHWEST HIGHWAY AS SHOWN ON THE PLANS. TRAFFIC WILL REMAIN ON THE EASTBOUND LANES.
- PLACE TEMPORARY HOT MIX ASPHALT RAMP FROM WESTBOUND ELEVATED BRIDGE LIMITS TO EXISTING PAVEMENT AT RIDGELAND AVENUE AS SHOWN ON MOT PLANS.
- REMOVE EXISTING MEDIANS ALONG RIDGELAND AVENUE AND CONSTRUCT TEMPORARY PAVEMENT ALONG RIDGELAND AVENUE PER PLAN. PLACE TRAFFIC CONTROL DEVICES ALONG RIDGELAND AVENUE AND SHIFT TRAFFIC TO THE SOUTHBOUND LANES.
- PLACE STAGE 3 SUBSTAGE A TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN.
- RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT SOUTHWEST HIGHWAY AND RIDGELAND AVENUE.
- RELOCATE TEMPORARY CONCRETE BARRIER AS NEEDED AND SHOWN ON THE PLANS.
- REMOVE AND RECONSTRUCT THE NORTHEAST CORNER PAVEMENT OF THE SOUTHWEST HIGHWAY AND RIDGELAND AVENUE INTERSECTION. CONSTRUCT THE NORTHBOUND PAVEMENT ALONG RIDGELAND AVENUE FROM STA. 5+994.745 TO STA. 6+155.216.
- PAVEMENT IN NORTHEAST QUADRANT OF INTERSECTION SHOULD BE CONSTRUCTED TO ALLOW TURNING MOVEMENTS. THE INNER SECTION AND CURB & GUTTER WOULD BE DONE FIRST AS SHOWN ON THE PLANS. THIS INNER SECTION WOULD THEN BE USED FOR TRAFFIC AS THE OUTER SECTION IS COMPLETED AT THE END OF STAGE 3 SUBSTAGE A. TEMPORARY PAVEMENT WILL BE PLACED IN AREA OF NE QUADRANT WHERE CORNER ISLAND IS TO BE BUILT.
- BEGIN INSTALLATION OF PROPOSED PERMANENT TRAFFIC SIGNALS AT THE INTERSECTION OF SOUTHWEST HIGHWAY AND RIDGELAND AVENUE.

MAINTENANCE OF TRAFFIC

A LEFT TURN ONLY AND COMBINATION THRU AND RIGHT TURN LANE WILL BE PROVIDED FOR ALL DIRECTIONS OF TRAFFIC AT THE INTERSECTION. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701701 AND 701606.

STAGE 3 - SUBSTAGE B

CONSTRUCTION

- TRAFFIC CONTROL DEVICES ALONG SOUTHWEST HIGHWAY ARE SHIFTED NORTH WITH TRAFFIC MAINTAINED IN THE WESTBOUND LANES. THE LANE CONFIGURATION ALONG RIDGELAND AVENUE IS KEPT SIMILAR TO STAGE 3 SUBSTAGE A.
- PLACE STAGE 3 SUBSTAGE B TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN.
- RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT SOUTHWEST HIGHWAY AND RIDGELAND AVENUE.
- REMOVE AND RECONSTRUCT THE SOUTHWEST QUADRANT OF THE INTERSECTION OF SOUTHWEST HIGHWAY AND RIDGELAND AVENUE.
- PAVEMENT IN SOUTHWEST QUADRANT OF INTERSECTION SHOULD BE CONSTRUCTED TO ALLOW TURNING MOVEMENTS. THE INNER SECTION AND CURB & GUTTER WOULD BE DONE FIRST AS SHOWN ON THE PLANS. THIS INNER SECTION WOULD THEN BE USED FOR TRAFFIC AS THE OUTER SECTION IS COMPLETED AT THE END OF STAGE 3 SUBSTAGE B.
- DUE TO THE PROFILE BEING RAISED, TEMPORARY RAMPS ON RIDGELAND AND SOUTHWEST HIGHWAY MUST BE PROVIDED TO BRIDGE EXISTING PAVEMENT TO PROPOSED PAVEMENT IN THE NORTHWEST QUADRANT DURING STAGE 3 SUBSTAGE B.

MAINTENANCE OF TRAFFIC

A LEFT TURN ONLY AND COMBINATION THRU AND RIGHT TURN LANE WILL BE PROVIDED FOR ALL DIRECTIONS OF TRAFFIC AT THE INTERSECTION. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701701 AND 701606.

STAGE 4 - SUBSTAGE A

CONSTRUCTION

- TRAFFIC CONTROL DEVICES AND LANE CONFIGURATION ALONG SOUTHWEST HIGHWAY ARE KEPT SIMILAR TO STAGE 3 - SUBSTAGE B. TRAFFIC ALONG RIDGELAND AVENUE IS SHIFTED TO THE NEWLY CONSTRUCTED NORTHBOUND LANES.
- PLACE STAGE 4 SUBSTAGE A TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN.
- REMOVE AND RECONSTRUCT THE SOUTHWEST CORNER PAVEMENT OF THE SOUTHWEST HIGHWAY AND RIDGELAND AVENUE INTERSECTION. CONSTRUCT THE SOUTHBOUND PAVEMENT ALONG RIDGELAND AVENUE FROM STA. 5+994.745 TO 6+155.216.
- PAVEMENT IN SOUTHWEST QUADRANT OF INTERSECTION SHOULD BE CONSTRUCTED TO ALLOW TURNING MOVEMENTS. THE INNER SECTION AND CURB & GUTTER WOULD BE DONE FIRST AS SHOWN ON THE PLANS. THIS INNER SECTION WOULD THEN BE USED FOR TRAFFIC AS THE OUTER SECTION IS COMPLETED AT THE END OF STAGE 4 SUBSTAGE A.
- TEMPORARY RAMP ON SOUTHWEST HIGHWAY WILL REMAIN IN PLACE TO BRIDGE EXISTING PAVEMENT TO PROPOSED PAVEMENT IN THE NW QUADRANT DURING STAGE 4 SUBSTAGE A.

MAINTENANCE OF TRAFFIC

A LEFT TURN ONLY AND COMBINATION THRU AND RIGHT TURN LANE WILL BE PROVIDED FOR ALL DIRECTIONS OF TRAFFIC AT THE INTERSECTION. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701701 AND 701606.

STAGE 4 - SUBSTAGE B

CONSTRUCTION

- TRAFFIC CONTROL DEVICES ALONG SOUTHWEST HIGHWAY ARE SHIFTED SOUTH WITH TRAFFIC MAINTAINED IN THE EASTBOUND LANES. THE LANE CONFIGURATION ALONG RIDGELAND AVENUE IS KEPT SIMILAR TO STAGE 4 SUBSTAGE A.
- PLACE STAGE 4 SUBSTAGE B TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN.
- REMOVE AND RECONSTRUCT THE NORTHWEST CORNER PAVEMENT OF THE SOUTHWEST HIGHWAY AND RIDGELAND AVENUE INTERSECTION.

MAINTENANCE OF TRAFFIC

A LEFT TURN ONLY AND COMBINATION THRU AND RIGHT TURN LANE WILL BE PROVIDED FOR ALL DIRECTIONS OF TRAFFIC AT THE INTERSECTION. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701701 AND 701606.

STAGE 5

CONSTRUCTION

- REMOVE STAGE 4 SUBSTAGE B TRAFFIC CONTROL DEVICES AND SHIFT TRAFFIC TO THE NEWLY CONSTRUCTED LANES.
- REMOVE TEMPORARY CONCRETE BARRIER.
- USE IDOT SHOULDER AND LANE CLOSURE STANDARDS TO REMOVE TEMPORARY PAVEMENT ALONG THE EASTBOUND SHOULDER OF SOUTHWEST HIGHWAY AND TO CONSTRUCT THE CURB AND GUTTER AND SIDEWALK ALONG THE EASTBOUND LANES. CONSTRUCT THE PROPOSED ISLANDS IN THE SOUTHWEST HIGHWAY AND RIDGELAND AVENUE INTERSECTION.
- INSTALL PERMANENT PAVEMENT MARKINGS, RAISED PAVEMENT REFLECTORS AND LANDSCAPING IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701426 AND 701701.
- ALL PROPOSED PERMANENT LIGHT POLES SHALL BE INSTALLED, WIRED, AND MADE COMPLETELY OPERATIONAL BEFORE ANY EXISTING POLES ARE DISCONNECTED OR REMOVED.

MAINTENANCE OF TRAFFIC

TRAFFIC WILL BE DRIVING IN THE PERMANENT PAVEMENT MARKING LAYOUT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU 3578 (SOUTHWEST HIGHWAY) OVER B&O
RAILROAD AND STONY CREEK
SUGGESTED STAGING OF CONSTRUCTION
& TRAFFIC CONTROL
SEQUENCE OF CONSTRUCTION

SCALE: 1:500

DRAWN BY: CPK

DATE: 6/17/09

CHECKED BY: DES

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