

ALL DIMENSIONS IN METERS EXCEPT PAY
ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	182
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

GENERAL

ALL REFERENCE TO PLANS IN THE FOLLOWING TEXT IS INTENDED TO REFER TO THE MAINTENANCE OF TRAFFIC PLANS UNLESS SPECIFICALLY STATED OTHERWISE.

DURING THE CONSTRUCTION OF AND WITHIN THE LIMITS OF THE CONTRACT, OTHERS ARE SCHEDULED TO WORK ON THE LIGHTING (CONTRACT 62664) AND OTHER CONTRACTS FROM PREVIOUS PHASES ALONG FAI ROUTE 80/94.

PRE-STAGE 1 - SUGGESTED TRAFFIC PLAN

SET UP ALIGNMENT AND TEMPORARY PAVEMENT MARKING (TPM) FOR REDUCED EASTBOUND TRAFFIC LANE WIDTH FROM STATION 7+136 TO STATION 7+564. PLACE TEMPORARY CONCRETE BARRIER (TCB) ALONG THE EASTBOUND MEDIAN SHOULDER.

SUGGESTED MAJOR ITEMS OF WORK:
REMOVE THE MEDIAN CONCRETE BARRIER AND SHOULDER. ADJUST DRAINAGE STRUCTURES AND PLACE TEMPORARY PAVEMENT INTERSTATE. INSTALL THE ACCIDENT INVESTIGATION (AI) SITE MATERIALS AND EQUIPMENT. REMOVE THE MEDIAN BARRIER WALL AND CONSTRUCT THE TEMPORARY PAVEMENT FOR THE CROSSOVER EAST OF CALUMET AVENUE.

STAGE 1 - SUGGESTED TRAFFIC PLAN

MAINTAIN TRAFFIC IN THE EXISTING EASTBOUND LANES AND REMOVE CONFLICTING PAVEMENT MARKING AND INSTALL TEMPORARY PAVEMENT MARKING (TPM) IN THE OLD WESTBOUND LANES. SET TCB AND SIGNING FOR STAGE 1. MAINTAIN SUGGESTED ACCESS LOCATION TO EB WORK AREAS AT STATION 7+050, 7+750 AND 8+650 OR AS DIRECTED. SHIFT THE EASTBOUND (EB) TRAFFIC TO OLD WESTBOUND (WB) LANES. COORDINATE WITH ADJACENT CONTRACTOR. TCB SHALL BE FIRMLY ANCHORED TO THE EXISTING PAVEMENT BETWEEN STATION 7+500 AND STATION 9+400 IN THIS STAGE.

SUGGESTED MAJOR ITEMS OF WORK:
CONSTRUCT THE THREE OUTSIDE EB LANES, SHOULDER AND PROPOSED DRAINAGE LATERALS. PLACE EMBANKMENT WHILE MAINTAINING TRAVERSABLE EMERGENCY ACCESS ACROSS THE EARTHWORK TO THE ACTIVE TRAFFIC LANES. RESERVE THE WEST ZONE FOR LAST AND IF NEEDED CONSTRUCT IN STAGE 2A. DEMOLISH THE LITTLE CALUMET STRUCTURE ELEMENTS AS SPACE PERMITS. DEMOLISH AND CONSTRUCT THE STAGE ONE LIMITS OF HOHMAN AND HARRISON STRUCTURES. INITIATE WORK ON THE FOOTINGS OF THE WB RETAINING WALLS.

PRE-STAGE 2 - TRAFFIC PLAN ADJUSTMENT FOR DRAINAGE

RESET THE TCB AROUND THE WORK AREAS TO PROVIDE SPACE FOR EXCAVATION AND TEMPORARY DRAINAGE CONNECTIONS AS SHOWN IN THE PLANS. CONNECT THE DRAINAGE LATERALS TO THE STRUCTURES AND PATCH THE PAVEMENT. CONSTRUCT CROSS-OVER PAVEMENT TO CONNECT THE EXISTING WB PAVEMENT TO THE NEW EB PAVEMENT FOR STAGE 2A TRAFFIC. SEE MOT DETAIL PROVIDED.

STAGE 2A - SUGGESTED TRAFFIC PLAN

THIS STAGE IS INTENDED TO ALLOW WORK TO CONTINUE IN ADVANCE OF THE COMPLETION OF THE EASTBOUND HALF OF THE BURNHAM BRIDGE. IF THE ENTIRE EASTBOUND HALF OF BURNHAM BRIDGE IS COMPLETED DURING STAGE 1, THE CONTRACTOR MAY IGNORE STAGE 2A AND SET UP FOR STAGE 2B.

PLACE TPM AND TCB FOR THE CROSSOVER AND NEW EB LANES FROM STATION 7+670 EASTWARD. PROVIDE AT LEAST 1.2 METERS OF SEPARATION BETWEEN LEFT TRAFFIC LANE AND THE TCB. MAINTAIN SUGGESTED ACCESS LOCATION TO EB WORK AREAS AT STATION 7+050 AND 8+350 AND WB AT 7+750, 8+650 AND 9+100 OR AS DIRECTED. SHIFT EB TRAFFIC TO THE CROSSOVER AND ONTO THE NEW EB LANES AND SHOULDER.

SUGGESTED MAJOR ITEMS OF WORK:
DEMOLISH/CONSTRUCT THE EB INSIDE LANES ON HOHMAN, L. CALUMET RIVER, AND HARRISON BRIDGES. CONSTRUCT EARTHWORK, DRAINAGE, SUBBASE AND PAVEMENT FOR THE TWO EB INSIDE LANES AND INSIDE SHOULDER FROM STATION 7+600 TO STATION 9+395.341. CONSTRUCT DRAINAGE OUTLET TO LITTLE CALUMET RIVER. COMPLETE THE OUTER EB ROADWAY IN THE AREAS AVAILABLE FROM STATION 6+815 EASTWARD.

STAGE 2B - SUGGESTED TRAFFIC PLAN

PLACE TPM AND TCB TO SHIFT EB TRAFFIC TO THE NEW EB OUTSIDE TWO LANES AND OUTSIDE SHOULDER COORDINATE THE SHIFT WITH ADJACENT CONTRACTOR. PROVIDE AT LEAST 1.2 METERS OF SEPARATION BETWEEN LEFT TRAFFIC LANE AND THE TCB.

SUGGESTED MAJOR ITEMS OF WORK:
CONSTRUCT EARTHWORK, MAJOR DRAINAGE STRUCTURES, STORM SEWERS, SUBBASE AND PAVEMENT FOR THE TWO EB INSIDE LANES AND INSIDE SHOULDER FROM STATION 6+815 TO STATION 9+395.341. CONTINUE CONSTRUCTING THE INSIDE LANES ON THE HOHMAN, THE LITTLE CALUMET RIVER, AND THE HARRISON BRIDGES. CONSTRUCT THE MEDIAN BARRIER WALL EXCEPT IN AREAS BETWEEN THE TWO SIGN STRUCTURES AROUND STATION 7+250 TO 7+300 AND WHERE EMERGENCY ACCESS MUST BE MAINTAINED.

STAGE 3 - SUGGESTED TRAFFIC PLAN

PLACE TPM AND TCB TO SHIFT WB TRAFFIC TO THE PROPOSED INSIDE TWO EB LANES AND INSIDE SHOULDER. MAINTAIN SUGGESTED ACCESS LOCATION TO WB WORK AREAS AT STATION 7+050, 7+750, 8+350 AND 8+900 WB OR AS DIRECTED. COORDINATE THE SHIFTING OF WB TRAFFIC WITH ADJACENT CONTRACTOR. EB TRAFFIC WILL REMAIN IN THE SAME LOCATION AS IN STAGE 2B. MAINTAIN A MINIMUM DISTANCE OF 1.2 METERS BETWEEN THE TRAFFIC AND THE TCB, WHICH DIVIDES TRAFFIC.

SUGGESTED MAJOR ITEMS OF WORK:
REMOVE AND RECONSTRUCT THE WB HOHMAN, LITTLE CALUMET RIVER, AND HARRISON BRIDGES. INSTALL EARTHWORK, DRAINAGE, SUBBASE AND PAVEMENT FOR ALL WB LANES AND SHOULDERS. INSTALL MEDIAN CONCRETE BARRIER IN AREAS NOT INSTALLED IN PREVIOUS STAGES.

FINAL STAGE - SUGGESTED TRAFFIC PLAN

SHIFT THE WB TRAFFIC TO THE NEW OUTER THREE WB LANES. SHIFT THE EB TRAFFIC TO THE NEW OUTER THREE LANES THROUGH THE CALUMET AVE INTERCHANGE. INSIDE LANES TO BE CLOSED. SET UP WITH CONTRACT 62111 CONTRACTOR.

SUGGESTED MAJOR ITEMS OF WORK:
REMOVE THE CROSSOVER PAVEMENT STATION 9+400 TO STATION 9+650. INSTALL THE CONCRETE MEDIAN BARRIER REMAINING STATION 7+240 TO STATION 7+305 AND STATION 9+400 TO STATION 9+650. REMOVE THE TEMPORARY PAVEMENT BETWEEN THE CD ROAD AND THE MAINLINE AT CALUMET AVE. AND INSTALL THE CONCRETE BARRIER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41
MAINTENANCE OF TRAFFIC
SUGGESTED CONSTRUCTION PLAN

SCALE NTS
DATE 07/05

DRAWN BY ACE/CAD
CHECKED BY TAE

AMERICAN
CONSULTING ENGINEERS