

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4K)	KENDALL/GRUNDY	243	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

**SUGGESTED STAGES OF CONSTRUCTION
GENERAL NOTES**

- (1) THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- (2) THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS, OR ANY CHANGE IN STAGE.
- (3) THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES, APPROACHES, AND TEMPORARY ROADS (EXCEPT THE C.E. AT STA 1005+41 LT DURING STAGES 1, 1A, & 1B) WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES AND/OR AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR "AGGREGATE SURFACE COURSE, TYPE B".
- (4) ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
- (5) THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, SPECIAL."
- (6) THE CONTRACTOR SHALL PLACE A CHANGEABLE MESSAGE SIGN AT THE NORTH, SOUTH, EAST, AND WEST LIMITS OF THE PROJECT AND/OR AS DIRECTED BY THE ENGINEER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGNS".
- (7) THE CONTRACTOR SHALL PLACE "DRIVEWAY ENTRANCE" SIGNS AT EVERY COMMERCIAL ENTRANCE WITHIN THE PROJECT LIMITS WHERE ENTRANCE IS OBSTRUCTED DUE TO CONSTRUCTION ACTIVITIES AND/OR AT THE DIRECTION OF THE ENGINEER. SEE TEMPORARY INFORMATION SIGNS DETAIL FOR FURTHER INFORMATION.
- (8) BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.
- (9) ANY SAW CUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR "PAVEMENT REMOVAL."
- (10) THE CONTRACTOR SHALL USE LEG EXTENSIONS FOR TYPE II BARRICADES AND PROVIDE A 2' WIDE EARTH FILL PAD FOR DRUMS TO MEET MINIMUM HEIGHT REQUIREMENTS WHERE NECESSARY. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, SPECIAL."
- (11) EXISTING PAVEMENT MARKINGS THAT INTERFERE WITH STAGE CONSTRUCTION PAVEMENT MARKINGS SHALL BE REMOVED BY HYDROBLASTING. HYDROBLASTING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "WORK ZONE PAVEMENT MARKING REMOVAL."
- (12) A COMMITMENT WAS MADE TO THE McCOY'S CITGO GAS STATION AND THE TRI-CITY MOTORS TO MAINTAIN ONE (1) OF THEIR TWO (2) ENTRANCES AT EACH LOCATION OPEN AT ALL TIMES DURING CONSTRUCTION. THERE ARE TWO (2) ENTRANCES TO EACH OF THESE PROPERTIES AND IT WAS AGREED THAT ONLY ONE ENTRANCE TO EACH PROPERTY WOULD BE CONSTRUCTED AT A TIME AS OPPOSED TO USING STAGE CONSTRUCTION AND PERFORMING WORK ON BOTH DRIVEWAYS AT THE SAME TIME.
- (13) REMOVAL OF TEMPORARY PIPE CULVERTS IS INCLUDED IN THE PRICE FOR TEMPORARY PIPE CULVERTS.
- (14) THE CONTRACTOR SHALL SUBMIT HIS PROPOSED SEQUENCE OF OPERATIONS FOR APPROVAL PRIOR TO BEGINNING WORK.

SEQUENCE OF CONSTRUCTION

PRESTAGE

- (1) TRAFFIC WILL BE MAINTAINED IN ALL DIRECTIONS, LANE CLOSURES SHALL BE IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARD 701701.
- (2) INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (3) CONSTRUCT ALL TEMPORARY PAVEMENT NECESSARY FOR STAGE 1 TRAFFIC, INCLUDING ALL TEMPORARY RAMPS. TWO WAY TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701006, 701011, 701326, 701601 AND 701701.
- (4) REMOVE ALL SIGNS, DRAINAGE STRUCTURES, LIGHT POLES, FIRE HYDRANTS, AND TREES NECESSARY TO BUILD THE TEMPORARY PAVEMENT. SEE PLAN & PROFILE, DRAINAGE PLAN & PROFILE, & LIGHTING SHEETS FOR REMOVAL DETAILS.
- (5) INSTALL TEMPORARY GUARD RAIL ALONG RIDGE ROAD FROM STA. 1005+77.91 TO STA. 1007+01.04 AND ALONG RAMP C FROM STA. 194+25.00 TO STA. 199+50.00.
- (6) INSTALL TEMPORARY LIGHTING FOR PRE-STAGE.
- (7) INSTALL TEMPORARY DRAINAGE AS SHOW ON THE MOT PRE-STAGE PLANS. TEMPORARY PIPE CULVERTS WILL BE INSTALLED AT THE EXISTING CULVERT ALONG RIDGE ROAD AT STA. 1003+18, AT THE EXISTING CULVERT AT THE SOUTHEAST CORNER OF THE RIDGE ROAD AND RAMP D INTERSECTION, AND AT STA. 197+48 ALONG THE TEMPORARY PAVEMENT AT RAMP C.

STAGE 1

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) INSTALL TEMPORARY LIGHTING FOR STAGE 1.
- (3) REMOVE THE EXISTING SOUTHBOUND RIDGE ROAD PAVEMENT AND CONSTRUCT THE PROPOSED SOUTHBOUND RIDGE ROAD PAVEMENT, CULVERT, STORM SEWERS AND LATERALS, DRAINAGE STRUCTURES, AND OUTSIDE CURB AND GUTTER TO THE LIMITS SHOWN ON THE PLANS.
- (4) REMOVE THE EXISTING RAMPS AND CONSTRUCT THE NEW RAMP PAVEMENT, CULVERTS, STORM SEWERS, AND DRAINAGE STRUCTURES, TO THE LIMITS SHOWN ON THE PLANS.
- (5) CONSTRUCT TEMPORARY PAVEMENT NECESSARY FOR STAGE 2 TRAFFIC.

STAGE 1A

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) INSTALL TEMPORARY LIGHTING FOR STAGE 1A.
- (3) SHIFT TRAFFIC ON RAMP C & B FROM THE TEMPORARY RAMPS TO THE NEWLY CONSTRUCTED RAMPS.
- (4) SHIFT TRAFFIC ON OTTAWA DRIVE TO CONSTRUCT THE MIDDLE OF THE INTERSECTION.

STAGE 1B

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) INSTALL TEMPORARY LIGHTING FOR STAGE 1B. THIS LIGHTING WILL BE THE SAME FOR STAGES 1B, 2, 2A, AND 3
- (3) SHIFT TRAFFIC ON RAMP C TO CONSTRUCT THE MIDDLE OF THE INTERSECTION
- (4) SHIFT TRAFFIC ON OTTAWA DRIVE TO CONSTRUCT THE SOUTH SIDE OF THE INTERSECTION
- (5) SHIFT TRAFFIC ON OTTAWA DRIVE TO CONSTRUCT THE PAVEMENT WIDENING AT THE NORTHWEST CORNER OF THE INTERSECTION

STAGE 2

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) INSTALL TEMPORARY DRAINAGE AS SHOWN ON THE MOT STAGE 2 PLANS. TEMPORARY PIPE CULVERT WILL BE INSTALLED AT THE PROPOSED CULVERT CROSSING RIDGE ROAD AT STA. 1002+90.50.
- (3) REMOVE THE EXISTING NORTHBOUND RIDGE ROAD PAVEMENT AND CONSTRUCT THE PROPOSED NORTHBOUND RIDGE ROAD PAVEMENT, CULVERT, STORM SEWERS AND LATERALS, DRAINAGE STRUCTURES, AND OUTSIDE CURB AND GUTTER TO THE LIMITS SHOWN ON THE PLANS.
- (4) CONSTRUCT THE REMAINING PAVEMENT AND SHOULDERS FOR THE RAMPS TO THE LIMITS SHOWN ON THE PLANS.
- (5) CONSTRUCT TEMPORARY PAVEMENT NECESSARY FOR STAGE 3 TRAFFIC.
- (6) PAVEMENT IN THE SOUTHEAST QUADRANT OF THE RIDGE ROAD & RAMP B INTERSECTION SHOULD BE CONSTRUCTED TO ALLOW TURNING MOVEMENTS. THE RIGHT TURN LANE SHALL BE SHIFTED NORTH OF THE ISLAND TO ALLOW THE CENTER OF THE INTERSECTION TO BE CONSTRUCTED. THE LEFT TURN LANE SHALL BE SHIFTED NORTH TO ALLOW THE CENTER OF THE INTERSECTION TO BE CONSTRUCTED.

STAGE 2A

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) SHIFT TRAFFIC TO INCLUDE A RIGHT TURN LANE FROM NORTHBOUND RIDGE ROAD TO RAMP D TO CONSTRUCT THE MIDDLE OF THE INTERSECTION

STAGE 3

- (1) PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (2) REMOVE EXISTING CENTER PAVEMENT AND CONSTRUCT THE PROPOSED LEFT TURN LANES, MEDIAN CURB AND GUTTER, MEDIANS, STORM SEWER LATERALS, CULVERTS, AND DRAINAGE STRUCTURES.
- (3) COMPLETE INSTALLATION OF THE PROPOSED TRAFFIC SIGNALS AT ALL INTERSECTIONS.
- (4) REMOVE TEMPORARY TRAFFIC SIGNALS.
- (5) INSTALL PROPOSED LIGHTING PER PLANS.
- (6) INSTALL CURB AND GUTTER, AGGREGATE SHOULDERS, AND ALL GRADING TO R.O.W. ALONG THE WEST SIDE OF RIDGE ROAD FROM STA. 1021+80 TO STA. 1029+50.
- (7) INSTALL PERMANENT PAVEMENT MARKINGS, RAISED PAVEMENT REFLECTORS, AND LANDSCAPING. UTILIZE IDOT TRAFFIC CONTROL STANDARDS 701311 AND 701701.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
SUGGESTED STAGING OF CONSTRUCTION
& TRAFFIC CONTROL
GENERAL NOTES

SCALE: 1:50 DRAWN BY: MAT
DATE: 2/10/06 CHECKED BY: JJC

