

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-6	LAKE	149	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62519				

MAINTENANCE OF TRAFFIC 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 MAINTAIN A MINIMUM OF ONE THROUGH LANE IN EACH DIRECTION THROUGHOUT THE PROJECT AREA AT ALL TIMES.
4. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES, APPROACHES, AND TEMPORARY ROADS WITHIN THE PROJECT LIMITS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "TEMPORARY ACCESS (PRIVATE OR COMMERCIAL ENTRANCE)".
5. 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.
6. 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 LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
7. THE CONTRACTOR SHALL PLACE A CHANGEABLE MESSAGE SIGN AT THE NORTH, SOUTH AND EAST ENDS 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 BEFORE THE START OF CONSTRUCTION ACTIVITIES. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGNS".
8. THE CONTRACTOR SHALL PLACE "CAUTION NEW LANES OPEN" SIGNS AT EVERY ENTRANCE AND SIDE ROAD PRIOR TO THE OPENING OF NEW LANES TO TRAFFIC AND/OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
9. 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. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
10. 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.
11. ANY SAW CUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE METER FOR "PAVEMENT REMOVAL".
12. THE CONTRACTOR SHALL USE LEG EXTENSIONS FOR TYPE II BARRICADES AND PROVIDE A 600MM 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".

SEQUENCE OF CONSTRUCTION

PRESTAGE

1. REMOVE THE CENTER MEDIAN FROM STATION 104+600 TO STATION 104+804, STATION 104+832 TO STATION 104+902.347, ON MILWAUKEE AVENUE FROM STATION 9+845 TO STATION 9+988. STATION 10+016 TO STATION 10+097 AND STATION 10+124 TO STATION 10+152. REPLACE WITH TEMPORARY PAVEMENT.

TRAFFIC WILL BE MAINTAINED ON THE OUTSIDE LANES. THE INSIDE LANES (ADJACENT TO THE EXISTING CENTER MEDIAN) WILL BE CLOSED. LANE CLOSURES SHALL BE IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARD 701701.

THE CONTRACTOR SHALL REPLACE THE CENTER MEDIAN WITH TEMPORARY PAVEMENT AS SOON AS POSSIBLE TO PREVENT WATER FROM ACCUMULATING IN THE MEDIAN. THE CONTRACTOR SHALL PUMP ANY WATER THAT ACCUMULATES IN THE MEDIAN BEFORE THE TEMPORARY PAVEMENT IS CONSTRUCTED. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE METER FOR "TEMPORARY PAVEMENT".
2. INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21.
3. CONSTRUCT ALL TEMPORARY PAVEMENT. TWO WAY TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701326, 701601 AND 701701.

STAGE 1

1. PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701301 AND 701701.
 2. SHIFT EASTBOUND IL RTE 22 TRAFFIC TO THE NORTH SIDE OF IL RTE 22 FROM STATION 104+517 TO STATION 105+100, SHIFT NORTHBOUND US RTE 45/IL RTE 21 TRAFFIC TO THE WEST SIDE OF US RTE 45/IL RTE 21 FROM STATION 9+660 TO STATION 10+200 AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH APPLICABLE PORTIONS OF IDOT TRAFFIC CONTROL STANDARDS 701301, 701601, 701701 AND 702001.
 3. REMOVE THE EXISTING EASTBOUND IL RTE 22 AND THE EXISTING NORTHBOUND US RTE 45/IL RTE 21 PAVEMENT AND CONSTRUCT THE EASTBOUND IL RTE 22 AND THE NORTHBOUND US RTE 45/IL RTE 21 THROUGH LANES AND RIGHT TURN LANES, STORM SEWER MAINLINE AND LATERALS, DRAINAGE STRUCTURES, UTILITY RELOCATIONS, OUTSIDE CURB & GUTTER, MEDIAN CURB & GUTTER AND PARKWAYS TO THE LIMITS AS SHOWN ON THE PLANS.
- STAGE 1A**
1. PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701301 AND 701701.
 2. SHIFT NORTH AND SOUTHBOUND US RTE 45/IL RTE 21 TRAFFIC TO THE EAST SIDE OF US RTE 45/IL RTE 21 ON THE NEWLY CONSTRUCTED PAVEMENTS FROM STATION 9+660 TO STATION 10+200 AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF IDOT TRAFFIC CONTROL STANDARDS 701301, 701601, 701701 AND 702001.
 3. REMOVE THE EXISTING PAVEMENT AT THE SOUTHWEST CORNER OF THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21 AND CONSTRUCT THE SOUTHWEST CORNER PAVEMENT, STORM SEWER MAINLINE AND LATERALS, DRAINAGE STRUCTURES, UTILITY RELOCATIONS AND CURB & GUTTER TO THE LIMITS AS SHOWN ON THE PLANS.

STAGE 2

1. PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701301 AND 701701.
2. SHIFT WEST AND EASTBOUND IL RTE 22 TRAFFIC TO THE SOUTH SIDE OF IL RTE 22 FROM STATION 104+517 TO STATION 105+100 AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH APPLICABLE PORTIONS OF IDOT TRAFFIC CONTROL STANDARDS 701301, 701601, 701701 AND 702001.
3. REMOVE THE EXISTING WESTBOUND IL RTE 22 AND THE EXISTING SOUTHBOUND US RTE 45/IL RTE 21 PAVEMENT AND CONSTRUCT THE WESTBOUND IL RTE 22 AND THE SOUTHBOUND US RTE 45/IL RTE 21 THROUGH LANES AND RIGHT TURN LANES, STORM SEWER LATERALS, DRAINAGE STRUCTURES, UTILITY RELOCATIONS, OUTSIDE CURB & GUTTER, MEDIAN CURB & GUTTER AND PARKWAYS TO THE LIMITS AS SHOWN ON THE PLANS.

STAGE 2A

1. PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701301 AND 701701.
2. SHIFT NORTH AND SOUTHBOUND US RTE 45/IL RTE 21 TRAFFIC TO THE WEST SIDE OF US RTE 45/IL RTE 21 ON THE NEWLY CONSTRUCTED PAVEMENTS FROM STATION 9+660 TO STATION 10+200 AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF IDOT TRAFFIC CONTROL STANDARDS 701301, 701601, 701701 AND 702001.
3. REMOVE THE EXISTING PAVEMENT AT THE NORTHEAST CORNER OF THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21 AND CONSTRUCT THE NORTHEAST CORNER PAVEMENT, STORM SEWER MAINLINE AND LATERALS, DRAINAGE STRUCTURES, UTILITY RELOCATIONS AND CURB & GUTTER TO THE LIMITS AS SHOWN ON THE PLANS.

STAGE 3

1. PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLAN AND RESET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701301 AND 701701.
2. SHIFT EAST AND WESTBOUND IL RTE 22 TRAFFIC TO THEIR RESPECTIVE NEWLY CONSTRUCTED OUTSIDE LANES AND SHIFT NORTH AND SOUTHBOUND US RTE 45/IL RTE 21 TRAFFIC TO THEIR RESPECTIVE NEWLY CONSTRUCTED OUTSIDE LANES AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF IDOT TRAFFIC CONTROL STANDARDS 701301, 701601, 701701 AND 702001.
3. REMOVE EXISTING CENTER PAVEMENT AND CONSTRUCT THE PROPOSED LEFT TURN LANES AND MEDIANS, STORM SEWER LATERALS AND DRAINAGE STRUCTURES.
4. THE CENTER OF THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21 SHALL BE CONSTRUCTED IN STAGE 3 AFTER THE LEFT TURN LANES AND MEDIANS ARE CONSTRUCTED. THIS CONSTRUCTION SHALL TAKE PLACE AT NIGHT USING HIGH EARLY STRENGTH CONCRETE PAVEMENT AND TEMPORARY LANE CLOSURES. THIS CONSTRUCTION SHALL BEGIN NO EARLIER THAN 6:00PM AND THE TEMPORARY LANE CLOSURES SHALL BE OPEN THE FOLLOWING DAY NO LATER THAN 6:00AM.
5. COMPLETE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNALS AT THE INTERSECTION OF IL RTE 22 AND US RTE 45/IL RTE 21.
6. REMOVE TEMPORARY TRAFFIC SIGNALS.
7. INSTALL PERMANENT PAVEMENT MARKINGS, RAISED PAVEMENT REFLECTORS AND LANDSCAPING IN ACCORDANCE WITH IDOT TRAFFIC CONTROL STANDARDS 701311 AND 701701.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 337 (IL ROUTE 22) SUGGESTED STAGING OF CONSTRUCTION & TRAFFIC CONTROL
NAME	DATE	
		NOTES
SCALE: 1:500	DRAWN BY: KEF	
DATE: 1/28/2009	CHECKED BY: CPK	

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