

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	465 VB-R-1	COOK	103	8
STA.	TO STA.			
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				
CONTRACT NO. 60407				

**SUGGESTED CONSTRUCTION STAGING TRAFFIC CONTROL**

THE FOLLOWING SEQUENCE OF TRAFFIC CONTROL IS SUGGESTED. VARIATIONS MAY BE MADE, WITH THE APPROVAL OF THE ENGINEER, IF THE PREVAILING SITE CONDITIONS AT THE TIME OF CONSTRUCTION ALLOW.

**NOTE:**

FOR EACH STAGE OF CONSTRUCTION PROVIDE TRAFFIC CONTROL AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS. COORDINATE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES WITH THE EXISTING TRAFFIC PATTERNS AT THE ENDS OF THE PROJECT.

**PRE-CONSTRUCTION STAGE**

CLOSE INSIDE LANE TO TRAFFIC AS SHOWN ON PLANS, REMOVE EXISTING CONCRETE MEDIAN AT THE LOCATIONS SHOWN ON THE PLANS AND CONSTRUCT TEMPORARY PAVEMENT TO BE USED AS TEMPORARY CROSSOVERS IN LATER STAGES.

**STAGE I**

PLACE TEMPORARY CONCRETE BARRIER (TCB) AS SHOWN. REMOVE EXISTING CONCRETE BARRIER FROM THE NB SIDE OF THE BRIDGE. REMOVE EXISTING CURB AND GUTTER, SIDEWALK AND GUARDRAIL ON THE EAST SIDE OF BRIDGE. PLACE TEMPORARY PAVEMENT TO SERVE AS TRAVEL LANES IN STAGE II.

**STAGE II**

PLACE THE TCB AS SHOWN, PROVIDE TWO LANES OF TRAFFIC (10'-6" WIDE EACH) IN EACH DIRECTION ON THE NB PAVEMENT. CONSTRUCT THE WEST SIDE OF THE WORK WITH THE EXCEPTION OF THE PROPOSED MEDIAN. CONSTRUCT THE OUTSIDE 3 FT OF THE SIDEWALK. PLACE "TRUCKS USE OUTSIDE LANE" SIGNS AS SHOWN. REMOVE EXISTING GUARDRAIL, SIDEWALK, CURB AND GUTTER AND PLACE TEMPORARY PAVEMENT ON THE WEST SIDE OF BRIDGE APPROACHES, AS SHOWN IN PLANS.

**STAGE III**

PLACE THE TCB AS SHOWN, PROVIDE TWO LANES OF TRAFFIC (10 FT INSIDE LANE, 11 FT OUTSIDE LANE) IN EACH DIRECTION ON THE SB LANES. CONSTRUCT THE EAST SIDE OF THE WORK WITH THE EXCEPTION OF THE PROPOSED MEDIAN. PLACE "TRUCKS USE OUTSIDE LANE" SIGNS AS SHOWN.








**STAGE IV**

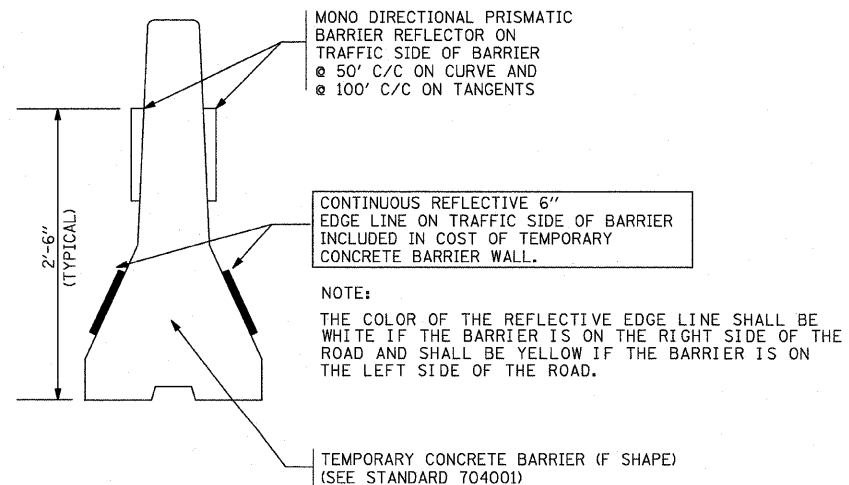
PROVIDE TWO 12 FT LANES OF TRAFFIC IN EACH DIRECTION, CONSTRUCT THE MEDIAN AND THE REMAINING PORTION OF THE SIDEWALK ON THE WEST SIDE OF THE STRUCTURE. REMOVE TEMPORARY MAINTENANCE OF TRAFFIC DEVICES AND TEMPORARY PAVEMENT MARKINGS. APPLY PERMANENT PAVEMENT MARKINGS AS PER THE PLANS.

**TRAFFIC CONTROL AND PROTECTION GENERAL NOTES**

1. THE CONTRACTOR SHALL MAINTAIN SATISFACTORY INGRESS AND EGRESS TO ADJACENT PROPERTIES THROUGHOUT THE DURATION OF THE WORK.
2. THE CONTRACTOR SHALL USE PAVEMENT MARKING TAPE, TYPE III FOR TEMPORARY LANE MARKINGS ON ALL PERMANENT PAVEMENT.
3. TEMPORARY PAVEMENT MARKING SHALL BE USED ON SURFACES TO BE REMOVED OR OVERLAID.
4. 4 INCH SOLID WHITE LINES SHALL BE USED TO DELINEATE THE OUTSIDE EDGES OF THE PAVEMENT.
5. 4 INCH SOLID YELLOW LINES SHALL BE USED TO DELINEATE THE INSIDE EDGES OF THE PAVEMENT.
6. DOUBLE 4 INCH SOLID YELLOW LINES SHALL BE USED TO SEPARATE OPPOSING LANES OF TRAFFIC.
7. EXISTING TRAFFIC CONTROL SIGNS AND MESSAGES SHALL BE TEMPORARILY COVERED, MODIFIED OR REMOVED AS DIRECTED BY THE ENGINEER.
8. A MINIMUM OF TWO LANES OF TRAFFIC IN EACH DIRECTION WILL BE MAINTAINED AT ALL TIMES.
9. TEMPORARY PAVEMENT IS REQUIRED TO MAINTAIN THE REQUIRED TRAFFIC LANES.
10. ALL OF THE TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE TRAFFIC CONTROL PLANS OR THE LATEST EDITION OF THE "ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED.
11. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
12. ALL EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS FOR TRAFFIC CONTROL AND PROTECTION PLANS SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.
13. TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS SHALL BE PLACED AS INDICATED IN THE PLANS. THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 705 OF THE STANDARD SPECIFICATIONS. TEMPORARY CONCRETE BARRIER SHALL BE PLACED WHERE THE TRAVEL LANE IS ADJACENT TO A DROP OF 3 FEET OR GREATER AND AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 704 OF THE STANDARD SPECIFICATIONS.
14. ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITY.
15. THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNING. SIGNS SHALL BE ERCTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION. SIGNS SHALL BE REMOVED OR COVERED WHEN PROTECTION IS NOT REQUIRED AND RESTORED AS APPROPRIATE.
16. CONSTRUCTION WORK WILL NOT COMMENCE UNTIL ALL SIGNS AND PAVEMENT MARKINGS IN CONFLICT WITH THE STAGED CONSTRUCTION HAVE BEEN REMOVED AND ALL TEMPORARY SIGNS, PAVEMENT MARKINGS AND BARRICADES ARE IN PLACE AND APPROVED BY THE ENGINEER.
17. THE CONTRACTOR SHALL PROVIDE ALL BARRIERS, SIGNS, SUPPORTS, PAVEMENT MARKING MATERIALS AND LABOR NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
18. IMMEDIATELY AFTER THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, SIGNS AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED, MODIFIED, DAMAGED OR OTHERWISE AFFECTED BY THE CONSTRUCTION.
19. TEMPORARY PAVEMENT, AT THE OPTION OF THE CONTRACTOR, SHALL BE CONSTRUCTED OF EITHER 8 INCHES PCC BASE COURSE, WITH 1 INCH HMA SURFACE COURSE, MIX D, N50 OR 11 INCHES HMA BASE COURSE WITH 1 INCH HMA SURFACE COURSE, MIX D, N50.
20. TRAFFIC CONTROL AND PROTECTION WORK ON U.S. RTE 12/45 AND ASSOCIATED SIDE STREETS SHALL BE DONE AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE FOLLOWING I.D.O.T. TRAFFIC CONTROL STANDARDS 701321, 701601, 701606, 701701, 701801 AND AS DIRECTED BY THE ENGINEER. THESE STANDARDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) AS A LUMP SUM PAY ITEM.
21. PROTECTIVE SHIELD SHALL BE INSTALLED TO PROTECT THE RAILROAD AND THE PUBLIC FROM ANY FALLING DEBRIS.

**LEGEND:**

-  WORK ZONE
-  BARRICADE TYPE III WITH 2 LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
-  REFLECTORIZED DRUMS OR TYPE II PLASTIC BARRICADES WITH STEADY - BURNING LIGHT, 50 FT ON CURVE/TAPER 100 FT ON TANGENT
-  TEMPORARY TRAFFIC ADVISORY SIGN
-  FLASHING ARROW BOARD
-  TEMPORARY CONCRETE BARRIER (TCB)
-  DIRECTION OF TRAFFIC



**TEMPORARY CONCRETE BARRIER TYPICAL DETAIL**  
N.T.S.

TEMPORARY CONCRETE BARRIERS SHALL BE IN ACCORDANCE WITH I.D.O.T. STANDARD 704001.

MOT-1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAP 330 US 12/45 (MANNHEIM RD.) OVER 300 LINE RR & FRANKLIN AVE.
NAME	DATE	
		MAINTENANCE OF TRAFFIC NOTES
SCALE: NONE		DRAWN BY: CJO
DATE: JULY 8, 2009		CHECKED BY: PWK

**EARTH TECH | AECOM**