

**SUGGESTED CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC (CONT. FROM SHEET 141)**

**BURNHAM AVENUE**

BURNHAM AVENUE STAGES 1 AND 2 APPLY TO WORK ON BURNHAM AVENUE AND THE ADJOINING SECTIONS OF 175TH STREET AND BERNICE AVENUE. BEGIN THE WORK SHOWN IN THESE STAGES ONCE ALL PORTIONS OF THE EXISTING I-80/94 BRIDGE OVER BURNHAM AVENUE HAVE BEEN REMOVED. THE SUGGESTED STAGES OF CONSTRUCTION SHOW THAT THIS WILL OCCUR SOMETIME NEAR THE END OF FAI RTE 80/94 PHASE III, STAGE II. IT IS ANTICIPATED THAT CONSTRUCTION OF BURNHAM AVENUE WILL BEGIN DURING FAI RTE 80/94 PHASE III, STAGE III AND BE COMPLETED PRIOR TO OR DURING FAI RTE 80/94 PHASE III, STAGE IV.

**BURNHAM AVENUE, STAGE 1**

1. NB TRAFFIC - MAINTAIN ONE LANE OF TRAFFIC ON THE OUTSIDE OF THE EXISTING PAVEMENT BY DROPPING THE LEFT LANE AS SHOWN ON THE PLANS.
2. SB TRAFFIC - CLOSE BURNHAM AVENUE TO SOUTH BOUND TRAFFIC BETWEEN BERNICE ROAD AND 176TH STREET AND PROVIDE A DETOUR AS SHOWN ON THE PLANS.
3. MAJOR ITEMS OF WORK DURING THIS STAGE
  - A. BURNHAM AVENUE - COMPLETE REMOVALS, DRAINAGE, EARTHWORK, PAVEMENT BINDER COURSE, AND CURB AND GUTTER NECESSARY TO COMPLETE THE PROPOSED SOUTHBOUND LANES TO THE CENTERLINE.
  - B. 175TH STREET AND BERNICE AVENUE WEST OF BURNHAM AVENUE - COMPLETE REMOVALS, DRAINAGE, EARTHWORK, PAVEMENT BINDER COURSE, AND CURB AND GUTTER.

**BURNHAM AVENUE, STAGE 2**

1. NB TRAFFIC - MAINTAIN ONE LANE OF TRAFFIC ON THE NEW SOUTHBOUND PAVEMENT AS SHOWN ON THE PLANS.
2. SB TRAFFIC - REMOVE DETOUR. MAINTAIN ONE LANE OF TRAFFIC ON THE NEW SOUTHBOUND PAVEMENT AS SHOWN ON THE PLANS.
3. MAJOR ITEMS OF WORK DURING THIS STAGE
  - A. BURNHAM AVENUE - COMPLETE REMOVALS, DRAINAGE, EARTHWORK, PAVEMENT BINDER COURSE, AND CURB AND GUTTER NECESSARY TO COMPLETE THE PROPOSED NORTHBOUND LANES TO THE CENTERLINE.
  - B. 175TH STREET AND BERNICE AVENUE EAST OF BURNHAM AVENUE - COMPLETE REMOVALS, DRAINAGE, EARTHWORK, PAVEMENT BINDER COURSE, AND CURB AND GUTTER.
  - C. OPEN ROADWAYS (BURNHAM AVENUE, 175TH STREET, AND BERNICE AVENUE) TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING AND LANDSCAPING PLANS EXCEPT THAT TEMPORARY PAVEMENT MARKING SHALL BE USED ON BINDER COURSE WHERE PRESENT.

SUBSEQUENT TO OPENING BURNHAM AVENUE, 175TH STREET AND BERNICE AVENUE TO TRAFFIC AS SPECIFIED IN BURNHAM AVENUE, STAGE 2, COMPLETE THE FOLLOWING.

1. BITUMINOUS CONCRETE SURFACE COURSE
2. PAVEMENT MARKING AND LANDSCAPING
3. OPEN ROADWAY TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING AND LANDSCAPING PLANS

**RAILROAD AVENUE**

BEGIN CONSTRUCTION OF RAILROAD AVENUE ONCE ALL PORTIONS OF THE EXISTING I-80/94 BRIDGE OVER RAILROAD AVENUE HAVE BEEN REMOVED. THE SUGGESTED STAGES OF CONSTRUCTION SHOW THAT THIS WILL OCCUR SOMETIME NEAR THE END OF FAI RTE 80/94 PHASE III, STAGE II. IT IS ANTICIPATED THAT CONSTRUCTION OF RAILROAD AVENUE WILL BEGIN DURING FAI RTE 80/94 PHASE III, STAGE III AND BE COMPLETED PRIOR TO OR DURING FAI RTE 80/94 PHASE III, STAGE IV.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	142
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2		CONTRACT NO. 62111		

**STAGING GENERAL NOTES:**

1. REFER TO THE ROADWAY PLANS AND THE MAINTENANCE OF TRAFFIC PLANS FOR GEOMETRIC INFORMATION.
2. 100mm SOLID WHITE LINES SHALL BE USED TO DEFINE RIGHT EDGE LINES AND 100mm SOLID YELLOW LINES SHALL BE USED TO DEFINE LEFT EDGE LINES DURING CONSTRUCTION STAGING.
3. THE BARRIER UNIT AT EACH END OF THE TEMPORARY BARRIER WALL INSTALLATION SHALL BE ANCHORED TO THE PAVEMENT OR THE SHOULDER. AT LOCATIONS WHERE HAZARDS EXIST WITHIN 1.1m OF THE TEMPORARY CONCRETE BARRIER, THE BARRIER SHALL BE ANCHORED TO THE PAVEMENT OR SHOULDER. THE 1.1m IS MEASURED FROM THE EDGE OF THE HAZARD TO THE FACE OF THE BARRIER UNIT.
4. SAND MODULES USED IN IMPACT ATTENUATOR SYSTEMS SHALL BE PLACED ON A BITUMINOUS OR PCC CONCRETE SURFACE. AT THE CORNER OF THE HAZARD WITH APPROACHING TRAFFIC, THE EXTERIOR MODULE SHALL BE OFFSET LATERALLY A MINIMUM OF 750mm FROM THE CORNER OF THE HAZARD. THE EXTERIOR MODULE OF THE SYSTEM MUST BE A MINIMUM OF 300mm FROM THE EDGE OF THE TRAFFIC LANE.
5. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I AND TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL. THE COST OF SAND BAGS USED ON BARRICADES ON I-80/94 KINGERY EXPRESSWAY SHALL BE INCLUDED IN THE LUMP SUM COST FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS). THE COST OF SAND BAGS USED ON BARRICADES USED ELSEWHERE ON THE PROJECT SHALL BE INCLUDED IN THE LUMP SUM COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
6. SEE THE "EROSION CONTROL PLANS" FOR TEMPORARY DRAINAGE INFORMATION.
7. SUFFICIENT QUANTITIES OF MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS AND TEMPORARY PAVEMENT MARKING LINE 150mm HAVE BEEN INCLUDED IN THE CONTRACT TO RESTORE THESE ITEMS ON ALL EXISTING TEMPORARY CONCRETE BARRIERS ON SITE AT THE BEGINNING OF THE CONTRACT. IN ADDITION, MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS SHALL BE INSTALLED ON PROPOSED AND EXISTING CONCRETE BARRIERS AND PARAPETS WHERE TRAFFIC WILL BE WITHIN 2.4m OF THE BARRIER/PARAPET AT ANY TIME DURING CONSTRUCTION. THE REFLECTORS SHALL BE INSTALLED ON THE SIDE OF THE BARRIER/PARAPET 710mm FROM THE TOP OF SHOULDER TO THE BOTTOM OF THE REFLECTOR AT A SPACING OF 15m.
8. THE TERM "PHASE III" REFERS TO WORK DONE IN THIS CONTRACT AND WORK DONE IN CONCURRENT ADJACENT CONTRACTS BY OTHERS. THE TERM "PHASE II" REFERS TO WORK DONE IN EARLIER CONTRACTS BY OTHERS.
9. DRUMS / TYPE II BARRICADES (30M CENTERS ON TANGENTS, 15M CENTERS ALONG WEAVES AND IN GORES) MAY BE USED IN PLACE OF PAVEMENT MARKING TAPE, TYPE III (EXCEPT FOR LANE LINES) FOR A PERIOD OF 14 DAYS FROM THE TIME THE CLOSURE IS SET UP.
10. **PAVEMENT MARKING REMOVAL:** THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 783 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ARTICLE 783.02 (B) GRINDERS WILL NOT BE ALLOWED. ARTICLE 783.03 IS REVISED TO INCLUDE ITEM 783.02 (C) WATER JETTING (NOTE 1).

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)  
 EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION  
 COOK COUNTY

**MAINTENANCE OF TRAFFIC  
 SUGGESTED CONSTRUCTION STAGING II  
 STAGING GENERAL NOTES**

SCALE: NONE  
 DATE: 9/13/05

DRAWN BY: OP  
 CHECKED BY: JP

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS