

**MAINTENANCE OF TRAFFIC GENERAL NOTES:**

**GENERAL**

1. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENTS, OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES. FAILURE TO RESPOND WITHIN THE TIME LIMIT ABOVE WILL RESULT IN PENALTIES AS DESCRIBED IN SECTIONS 105 AND 701 OF THE STANDARD SPECIFICATION S.
2. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
3. CONSTRUCTION EQUIPMENT SHALL BE PARKED WITHIN 25 FT BEHIND THE TYPE III BARRICADES. IN ANY EVENT, ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
4. TEMPORARY ACCESS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF PLACED STONE). COMBINATION CC&G REPLACEMENT AT DRIVEWAYS NOT SHOWN TO BE CLOSED SHALL BE CONSTRUCTED IN STAGES, ONE HALF AT A TIME. THE CONTRACTOR WILL COORDINATE ANY CLOSURE OF DRIVEWAYS WITH THE ENGINEER AND THE BUSINESS OR RESIDENT THAT USES THE DRIVEWAY TO BE CLOSED.
5. ONLY WORK PERTAINING TO THE ITEMS DESCRIBED IN EACH STAGE WILL BE WORKED ON DURING EACH RESPECTIVE STAGE. ALL WORK PERTAINING TO SUBSEQUENT STAGES WILL BE STARTED ONLY AT THE COMPLETION OF THE CURRENT STAGE AS DETERMINED BY THE ENGINEER.
6. THE CONTRACTOR SHALL COORDINATE THE MAINTENANCE OF TRAFFIC OF THIS PROJECT WITH OTHER FACILITIES AND PROJECTS IN ADJACENT SECTIONS.

**DETOUR**

7. THE PENALTY FOR EXCEEDING THE TIME LIMIT AS SPECIFIED HEREIN SHALL BE EQUAL THE CHARGE FOR TRAFFIC CONTROL DEFICIENCY DEDUCTION PER DAY IN ACCORDANCE WITH ARTICLE 105.03 OF STANDARD SPECIFICATIONS.
8. THE DURATIONS OF THE DETOURS SHALL NOT EXCEED THE NUMBER OF WORKING DAYS LISTED BELOW. THE CONTRACTOR SHALL PROCEED WITH THE WORK IN AN EXPEDIENT MANNER TO REDUCE THE LENGTH OF TIME THAT THE DETOURS NEED TO BE IN EFFECT.
  - A) WASHINGTON STREET - EASTBOUND DETOUR (STAGE 1): 50 WORKING DAYS
  - B) WASHINGTON STREET - WESTBOUND DETOUR (STAGE 2): 40 WORKING DAYS
9. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL NOTIFY THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
10. IF DEEMED NECESSARY BY THE ENGINEER, A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR SHALL BE HELD AT LEAST TWO WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
11. THE CONTRACTOR SHALL SUPPLY THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK
12. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND APPROVED BY THE ENGINEER.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
14. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLANS IS THE MINIMUM REQUIRED TO IMPLEMENT THE ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT ARE DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR.
15. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THESE DETOURS SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1084.01 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
16. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.
17. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1084.02 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION OF THE SIGNS. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
18. PRIOR AND SUBSEQUENT TO THE OPERATION OF THE DETOUR ROUTE, ALL STREETS SHALL BE OPEN FOR ALL TRAFFIC AT ALL TIME WITH THE FOLLOWING EXCEPTION: ANY SHORT-TERM ACTIVITY THAT REQUIRES ENCROACHMENT ON THE LANES OPEN TO TRAFFIC SHALL BE RESTRAINED TO WITHIN THE HOURS FROM 9:00 A.M. TO 3:00 P.M. LANE CLOSURES SHALL BE IN ACCORDANCE WITH THE APPLICABLE ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL STANDARDS.
19. ALL LOADED CONSTRUCTION VEHICLES MUST ENTER AND LEAVE THE JOBSITE FROM IL ROUTE 38 DURING THE WESTBOUND CLOSURE AND FROM IL ROUTE 59 (AT MAIN STREET) DURING THE EASTBOUND CLOSURE.
20. DETOUR SIGNS SHALL BE INSTALLED PROGRESSING FROM THE END OF THE DETOUR ROUTE TO THE BEGINNING.

**SIGNS**

21. THE DIMENSIONS OF ALL SIGNS AND ASSOCIATED TEXT NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
22. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES" ADOPTED 2004, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", AND THE SPECIAL PROVISIONS.
23. TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS (70106800) ARE TO BE LOCATED WITHIN CONTRACT LIMITS AS DIRECTED BY ENGINEER. COMPENSATION WILL BE MADE FOR THE ACTUAL DURATION IN WHICH THE SIGNS WERE ACCEPTABLY FURNISHED AND OPERATED AS REQUESTED BY THE ENGINEER.
24. THE CONTRACTOR SHALL REMOVE OR COVER ALL CONFLICTING EXISTING SIGNS FOR THE DURATION OF CONSTRUCTION. THE COST IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION ITEMS.
25. THE FOLLOWING SHALL APPLY TO CONSTRUCTION SIGNS:
  - A) THE CONTRACTOR SHALL FURNISH ALL SIGNS.
  - B) THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND REPLACE ANY SIGNS THAT ARE SUPPLIED BY OTHERS AND DAMAGED BY THE CONTRACTOR'S OR SUBCONTRACTOR'S WORK FORCE DURING RELOCATION OR CONSTRUCTION OPERATIONS.
  - C) ALL SIGNS AND ASSEMBLIES SHALL BE CERTIFIED BY THE CONTRACTOR AS MEETING THE APPLICABLE REQUIREMENTS OF NCHRP REPORT 350, TEST LEVEL 3.
  - D) ALL CONSTRUCTION SIGNS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
26. THE "ROAD CLOSED" (R11-2), THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" (R11-3), AND THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO (2) AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
27. ROAD NAME SIGNS SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGNS SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6", AND THE LOWER CASE SHALL BE 5".
28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
29. FOR DETAILS OF STANDARD PROTECTIVE DEVICES AND CONSTRUCTION SIGNS, SEE HIGHWAY STANDARD 701901.
30. WHEN REQUIRED, THE MINIMUM DIMENSIONS OF THE ORANGE WARNING FLAGS SHOWN IN THESE PLANS ARE 18" X 18".

**BARRICADES**


31. ALL BARRICADES SHALL HAVE REFLECTIVE STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED 8 FEET IN WIDTH EACH FOR A SINGLE APPROACH LANE.
32. DURING NON-WORKING HOURS AT POINTS OF ROAD CLOSURE TO ALL TRAFFIC, THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
33. ALL BARRICADES AND DRUMS IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH MONODIRECTIONAL STEADY BURNING LIGHTS.
34. TYPE I BARRICADE, TYPE II BARRICADE, AND DRUM MINIMUM SPACING: 50' C-C ON TANGENTS, 20' C-C ON TAPERS, AND 12.5' C-C AROUND CORNERS.
35. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL. DO NOT OBSCURE REFLECTIVE PORTIONS OF DEVICES.

**PAVEMENT MARKINGS**

36. THE CONTRACTOR SHALL REMOVE STRIPING WHICH CONFLICTS WITH THE NEXT STAGE OR FINAL STRIPING. EPOXY PAVEMENT MARKINGS ON PERMANENT PAVEMENT SHALL BE REMOVED BY WATERBLASTING. GRINDING THE PAVEMENT WILL NOT BE ALLOWED. REMOVAL OF ALL EXISTING PAVEMENT MARKINGS SHALL BE INCLUDED IN THE PAY ITEM PAVEMENT MARKING REMOVAL.
37. TEMPORARY PAVEMENT MARKING - LINE 4" (70300220) SHALL BE USED FOR TEMPORARY STRIPING ON EXISTING CONCRETE PRIOR TO DIAMOND GRINDING. PAVEMENT MARKING TAPE, TYPE III 4" (70300520) SHALL BE USED FOR TEMPORARY STRIPING ON FINISHED SURFACES UNTIL PERMANENT STRIPING IS COMPLETE.

**NOTIFICATION**

38. THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) HOURS BEFORE THE ROAD IS TO BE OPEN TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
39. THE CONTRACTOR SHALL NOTIFY THE ENGINEER TEN (10) DAYS PRIOR TO THE ESTIMATED DATE THAT THE ROADWAY WILL BE READY FOR THE APPLICATION OF PERMANENT PAVEMENT MARKINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE ROADWAY CLEANED OF ANY DIRT, GRAVEL, OIL, ETC. ON THE DAY PAVEMENT MARKINGS ARE APPLIED.
40. IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT, THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.
41. THE CONTRACTOR SHALL CONTACT THE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF INSTALLING DETOUR SIGNS.

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		DRAWN - BLP	REVISED -			1397	09-0076-00-RP	DUPAGE	61	21
		CHECKED - KCV	REVISED -	SCALE: N.T.S.		FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT M-9003(707)	
		DATE - 08/02/10	REVISED -			CONTRACT NO. 63513				