

TRAFFIC CONTROL GENERAL NOTES

1. PRIOR TO THE START OF CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PRESENT A TRAFFIC CONTROL PLAN AND CONSTRUCTION SEQUENCE TO THE ENGINEER FOR APPROVAL. AT EACH INTERSECTION, THE CONTRACTOR SHALL LIMIT CONSTRUCTION OPERATIONS TO TWO ADJACENT QUADRANTS AT A TIME, EITHER BOTH ON THE NORTH SIDE OF MAIN STREET OR BOTH ON THE SOUTH SIDE OF MAIN STREET. WORK AT MULTIPLE INTERSECTIONS PERFORMED SIMULTANEOUSLY SHALL BE PERFORMED ON THE SAME SIDE OF MAIN STREET. THE CONTRACTOR'S TRAFFIC CONTROL PLAN AND CONSTRUCTION SEQUENCE SHALL INCLUDE THESE REQUIREMENTS.
2. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS TO ALL RESIDENCES AND BUSINESSES WITHIN THE PROJECT LIMITS AT ALL TIMES DURING CONSTRUCTION, WHEN IT BECOMES NECESSARY TO CLOSE PRIVATE ENTRANCES FOR RECONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ADDITIONAL DRUMS OR BARRICADES AS DIRECTED BY THE ENGINEER TO DELINEATE AREAS FOR ON-STREET PARKING TO BE USED BY THE AFFECTED RESIDENTS. THE CONTRACTOR SHALL STAGE THE CONSTRUCTION AT COMMERCIAL ENTRANCES TO MAINTAIN VEHICLE ACCESS TO THE BUSINESSES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR'S TRAFFIC CONTROL PLAN AND CONSTRUCTION SEQUENCE SHALL INCLUDE THESE REQUIREMENTS.
3. NO DEVIATIONS FROM THE APPROVED TRAFFIC CONTROL PLAN WILL BE ALLOWED WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER.
4. ONE THRU LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION ON MAIN STREET AND ON ALL CROSS STREETS EXCEPT AS OTHERWISE DIRECTED BY THE ENGINEER.
5. TRAFFIC CONTROL AND PROTECTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE APPLICABLE GUIDELINES CONTAINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, STANDARDS 701006, 701301, 701311, 701501, 701601, 701701, 701801, AND 701901; THE TRAFFIC CONTROL PLANS; AND THE SPECIAL PROVISIONS. DELETE ALL REFERENCES TO MEASUREMENT AND PAYMENT.
6. TRAFFIC CONTROL AND PROTECTION WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL). THE TRAFFIC CONTROL AND PROTECTION INSTALLATION FOR EACH WORK AREA WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR THIS ITEM. ALL ADDITIONAL TRAFFIC CONTROL DEVICES AND TRAFFIC CONTROL SIGNS REQUIRED TO MAINTAIN THE TRAFFIC CONTROL OR AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE LUMP SUM PRICE OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. TRAFFIC CONTROL SURVEILLANCE WILL NOT BE PAID FOR SEPARATELY FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL TRAFFIC CONTROL DEVICES AT ALL TIMES INCLUDING NIGHTTIME, WEEKENDS, AND ANY TIME WORKERS ARE NOT PRESENT. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH RECURRING SPECIAL PROVISION LRS3. THE COST OF ALL LABOR AND MATERIALS FOR THE MAINTENANCE OF TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE LUMP SUM PRICE OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE POINT OF ACCESS TO EACH PROPERTY IN THE WORK AREA AT ALL TIMES.
9. FURNISHING, PLACING, SALVAGING, AND REMOVING ALL AGGREGATE THAT IS USED TO TEMPORARILY FILL ANY VOIDS OR TO PROVIDE TEMPORARY ACCESS FOR VEHICLES OR PEDESTRIANS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS. AN APPROXIMATE QUANTITY OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED FOR THIS WORK. THE USE OF AGGREGATE THAT IS SALVAGED FROM ONE TEMPORARY LOCATION AND USED AT A DIFFERENT LOCATION WILL ONLY BE PAID FOR AT THE ORIGINAL LOCATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. THE CONTRACTOR SHALL COVER OR REMOVE ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE "NO PARKING" SIGNS (RT-1-121b) ALONG THE CORRIDOR AS DIRECTED BY THE ENGINEER. THE PROPOSED SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
11. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO WEIGHTED SAND BAGS ON EACH TYPE II BARRICADE USED (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL).
12. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
13. FLASHING LIGHTS SHALL BE PLACED ON ALL TYPE III BARRICADES IN ACCORDANCE WITH STANDARD 701901 UNLESS OTHERWISE DIRECTED BY THE ENGINEER. STEADY BURN LIGHTS SHALL BE PLACED ON ALL DRUMS AND BARRICADES (EXCEPT FOR TYPE III BARRICADES) IN ACCORDANCE WITH STANDARD 701901 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
14. TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. ADDITIONAL TRAFFIC CONTROL DEVICES NOT ASSOCIATED WITH ANY TRAFFIC CONTROL STANDARD MAY BE REQUIRED AS DIRECTED BY THE ENGINEER. THE ADDITIONAL TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE LUMP SUM PRICE OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
15. TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
16. TEMPORARY HOT-MIX ASPHALT RAMPS SHALL HAVE A MINIMUM TAPER RATE OF 1:40 (V:H) AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TEMPORARY RAMP. THE CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY HOT-MIX ASPHALT RAMPS SHALL BE INCLUDED IN THE PRICE OF THIS ITEM.
17. TO THE FULLEST EXTENT POSSIBLE, THE EXISTING PAVEMENT MARKING SHALL BE USED FOR TRAFFIC CONTROL. WORK ZONE PAVEMENT MARKING SHALL BE INSTALLED AS REQUIRED BY THE TRAFFIC CONTROL STANDARDS AND THE TRAFFIC CONTROL PLAN, AND AS DIRECTED BY THE ENGINEER. WORK ZONE PAVEMENT MARKING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SHORT TERM PAVEMENT MARKING, PAVEMENT MARKING TAPE, TYPE III 4", AND PAVEMENT MARKING TAPE, TYPE III 24". CENTERLINE OR LANE LINE MARKINGS SHALL CONSIST OF AN ABBREVIATED PATTERN OF SINGLE STRIPES 4" IN LENGTH AT A MAXIMUM SPACING OF 40' BETWEEN STRIPES AS DESCRIBED IN ARTICLE 703.04 OF THE STANDARD SPECIFICATIONS OR AS OTHERWISE DIRECTED BY THE ENGINEER. WORK ZONE PAVEMENT MARKING REQUIRED BY THE TRAFFIC CONTROL STANDARDS WILL NOT BE PAID FOR SEPARATELY, AS DESCRIBED IN ARTICLE 703.07 OF THE STANDARD SPECIFICATIONS. ONLY PAVEMENT MARKING TAPE, TYPE III SHALL BE ALLOWED ON THE FINAL WEARING SURFACE.
18. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS OR PREVIOUSLY INSTALLED WORK ZONE PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. REMOVAL OF THE WORK ZONE PAVEMENT MARKINGS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR WORK ZONE PAVEMENT MARKING REMOVAL. REMOVAL OF THE EXISTING PAVEMENT MARKINGS SHALL BE DONE IN ACCORDANCE WITH SECTION 783 OF THE STANDARD SPECIFICATIONS. REMOVAL OF EXISTING PAVEMENT MARKINGS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE WORK ZONE PAVEMENT MARKING REMOVAL, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
19. THE CONTRACTOR SHALL NOTIFY THE CITY OF URBANA OF ALL ROAD CLOSURES AND CHANGES TO THE TRAFFIC CONTROL PLAN A MINIMUM OF 48 HOURS IN ADVANCE OF THE WORK.
20. THE CITY OF URBANA WILL BE RESPONSIBLE FOR NOTIFYING THE PUBLIC, THE UNITED STATES POSTAL SERVICE, THE CHAMPAIGN-URBANA MASS TRANSIT DISTRICT, AND THE EMERGENCY SERVICE AGENCIES OF ALL ROAD CLOSURES AND CHANGES TO THE TRAFFIC CONTROL PLAN.
21. FOR SPECIFIC INSTRUCTIONS ON THE INCLUSION OF SIGNS, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES FOR INDIVIDUAL WORK ZONES, AND THE PLACEMENT THEREOF, REFER TO THE TRAFFIC CONTROL STANDARDS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE SPECIAL PROVISIONS.
22. THE INITIAL TRAFFIC CONTROL SETUP AND SUBSEQUENT CHANGES BETWEEN TRAFFIC CONTROL STAGES SHALL BE PERFORMED DURING NON-PEAK TRAFFIC HOURS AS DIRECTED BY THE ENGINEER. FLAGGERS SHALL BE REQUIRED DURING THE INITIAL SETUP AND SUBSEQUENT CHANGES OF THE TRAFFIC CONTROL DEVICES AS DIRECTED BY THE ENGINEER.
23. REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS CONCERNING THE USE OF FLAGGERS.
24. THE CONTRACTOR SHALL COORDINATE THE TRAFFIC CONTROL FOR THIS PROJECT WITH THE TRAFFIC CONTROL FOR THE MAIN STREET IMPROVEMENT PROJECT LOCATED WEST OF VINE STREET AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE OF TRAFFIC CONTROL AND PROTECTION (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
25. REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

TRAFFIC CONTROL STANDARDS

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL FOR THIS PROJECT WHEN LANES ARE OPEN TO TRAFFIC:

| STANDARD | APPLICATION |
|----------|---|
| 701006 | OFF-ROAD OPERATIONS ON VARIOUS STREETS FOR LANDSCAPING OPERATIONS, SIGN INSTALLATION, ETC. |
| 701301 | SHORT TIME LANE CLOSURE ON VARIOUS STREETS FOR CONSTRUCTION LAYOUT, DEBRIS CLEANUP, ETC. |
| 701311 | MOVING OPERATIONS LANE CLOSURE ON VARIOUS STREETS FOR LANDSCAPING WORK, PAVEMENT MARKING, DEBRIS CLEANUP, ETC. |
| 701501 | LANE CLOSURE ON VARIOUS STREETS FOR CONSTRUCTION ACTIVITIES THAT REQUIRE THE TEMPORARY CLOSURE OF ONE THRU LANE OF TRAFFIC. |
| 701601 | LANE CLOSURE ON VARIOUS STREETS FOR PAVEMENT PATCHING UNDER TWO-WAY TRAFFIC. |
| 701701 | LANE CLOSURE ON VARIOUS STREETS FOR INTERSECTION SHOULDER OPERATIONS, CORNER ISLAND OPERATIONS, LEFT-LANE OPERATIONS, ETC. |
| 701801 | SIDEWALK CLOSURES WITHIN PROJECT LIMITS |
| 701901 | TRAFFIC CONTROL DEVICES |

TRAFFIC CONTROL BILL OF MATERIALS

| CODE NUMBER | DESCRIPTION | UNIT | QUANTITY |
|-------------|--|-------|----------|
| 40201000 | AGGREGATE FOR TEMPORARY ACCESS | TON | 130 |
| 40630990 | TEMPORARY RAMP | SQ YD | 520 |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 1440 |
| 70300520 | PAVEMENT MARKING TAPE, TYPE III 4" | FOOT | 1230 |
| 70300570 | PAVEMENT MARKING TAPE, TYPE III 24" | FOOT | 200 |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 1290 |
| X7010216 | TRAFFIC CONTROL AND PROTECTION (SPECIAL) | L SUM | 1 |

NOTE: AN APPROXIMATE QUANTITY OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED FOR THIS WORK (SEE TRAFFIC CONTROL GENERAL NOTE 9).

| | | | |
|---|---|--|---|
| FILE NAME = p:\00970082_Urbana - Main Street I(T)E(P)I(Plane)shots\11-traffic.dgn PLOT DATE = 3/6/2013 11:44:17 PM | DESIGNED - J.A.J. DRAWN - D.L.M. CHECKED - S.M.W. DATE - 03/2013 | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION |
| TRAFFIC CONTROL PLAN | | | |
| SCALE : NONE | | SHEET NO. 38 OF 75 SHEETS | |
| STA. | | TO STA. | |
| F.A.U. RIE. 7124 | SECTION 09-00483-01-RS | COUNTY CHAMPAIGN | TOTAL SHEETS 75 SHEETS NO. 38 |
| MAIN STREET | | CONTRACT NO. 91480 | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | |