

MAINTENANCE OF TRAFFIC NOTES

GENERAL PROVISIONS

THE MAINTENANCE OF TRAFFIC SHALL BE GOVERNED BY THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" FOR STREETS AND HIGHWAYS, HEREINAFTER REFERRED TO AS THE MANUAL OR THE OMUTCD, AND AS SUPPLEMENTED BY PERTINENT ITEMS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS AND THE FOLLOWING REQUIREMENTS:

ALL SIGNS, DRUMS, BARRELS, LANE MARKINGS FOR TRAFFIC CONTROL DURING CONSTRUCTION IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION.

THE CONTRACTOR WILL BE REQUIRED TO PROVIDE, ERECT, MAINTAIN (IN PROPER POSITION, CLEAN, LEGIBLE, AND IN GOOD WORKING CONDITION) AND REMOVE ALL LIGHTS, SIGNS, SIGN SUPPORTS, BARRICADES, DRUMS, AND ALL OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC.

THE COST OF PROVIDING, INSTALLING, MAINTAINING AND REMOVING ALL TRAFFIC CONTROL DEVICES REQUIRED TO MAINTAIN TRAFFIC DURING CONSTRUCTION INCLUDING LIGHTS, SIGNS, SIGN SUPPORTS, DRUMS AND BARRICADES SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR ITEM 614--MAINTAINING TRAFFIC.

THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION 614 AND STANDARD DRAWINGS MT-95.31 AND MT-95.32.

THE CONTRACTOR SHALL NOTIFY THE CITY OF WILLOUGHBY FIRE AND SERVICE DEPARTMENT AT LEAST 72 HOURS PRIOR TO ANY LANE RESTRICTIONS, DIVERSIONS, ETC.

DURING CONSTRUCTION INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES ADJACENT TO U.S. 20 (EUCLID AVE.) AND S.R. 91 (SOM CENTER ROAD).

SIGNAL SHUTDOWN AND/OR LANE BLOCKAGE WHEN MAKING NECESSARY TEMPORARY CHANGES WITH THE EXISTING SIGNAL INSTALLATION SHALL NOT OCCUR DURING THE HOURS OF 7:00AM TO 8:30AM AND 4:00PM TO 6:00PM EXCEPT WITH THE PERMISSION OF THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE SERVICES AND THE SCHEDULING OF A QUALIFIED POLICE OFFICER TO DIRECT TRAFFIC DURING THESE PERIODS.

THE SAFETY OF PEDESTRIAN TRAFFIC SHALL BE CONSIDERED AT ALL TIMES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LIGHTS, SIGNS, BARRICADES AND OTHER WARNINGS TO PHYSICALLY SEPARATE THE PEDESTRIAN FROM HAZARDS INCIDENTAL TO THE INSTALLATION OF THE REQUIRED TRAFFIC CONTROL DEVICES SUCH AS ANCHOR BOLTS, OPEN EXCAVATION, ETC.

LANE RESTRICTIONS

LANE RESTRICTIONS FOR ANY ROADWAY CONSTRUCTION SHALL NOT OCCUR DURING THE HOURS OF 7:00 AM TO 8:30 AM AND 4:00 PM TO 6:00 PM MONDAY THROUGH FRIDAY.

TO CLOSE A LANE THE CONTRACTOR SHALL INSTALL OW-122-36 OR OW-123-36 (LANE CLOSED AHEAD SIGNS), OW-60 SIGNS, AND TAPER CONES, DRUMS OR BARRICADED A MINIMUM OF 125' PRIOR TO THE LANE CLOSURE. SEE C-22 IN SECTION 7 OF THE MANUAL.

THE CONTRACTOR SHALL SET UP A LANE CLOSURE WORK ZONE WHEN EQUIPMENT OF TRUCKS NEED TO BE BLOCKING A LANE FOR MORE THEN 10 MINUTES. THIS WOULD BE REQUIRED FOR AUGERING HOLES FOR FOUNDATIONS OR SETTING POLES, FOR SAWING DETECTION LOOPS AND LEAD-IN, FOR SETTING NEW OVERHEAD SPANS OR SIGNS, TRENCHING, AND ANY OTHER WORK DESIGNATED BY THE ENGINEER.

PAVEMENT MARKINGS REMOVAL

EXISTING VISIBLE PAVEMENT MARKINGS IN CONFLICT WITH THE MARKINGS ON THE PLANS SHALL BE REMOVED IN COMPLIANCE WITH PARAGRAPH 642 OF THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS. PAVEMENT MARKINGS SHALL NOT BE GROUND OFF WITH A GRINDER. COST TO REMOVE CONFLICTING MARKINGS SHALL BE INCLUDED WITH THE RESPECTIVE 642 ITEM.

INTERSECTING STREETS

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS, AND OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN ITEM 614--MAINTAINING TRAFFIC SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE INTERSECTING STREETS DURING CONSTRUCTION.

ALL APPROACHING TRAFFIC ON THE INTERSECTING STREETS SHALL BE NOTIFIED OF CONSTRUCTION AHEAD BY THE INSTALLATION OF THE APPROPRIATE SIGNS (OW-128).

PAYMENT FOR LABOR, EQUIPMENT, AND MATERIALS REQUIRED FOR THE MAINTENANCE OF TRAFFIC ON INTERSECTING STREETS SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614--MAINTAINING TRAFFIC.

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND THE EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING ON THIS PROJECT WILL BE COMPLETED TO A DEPTH 3 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF THE WORK DAY. EXCEPT FOR A SHORT LENGTH OF A WORK SECTION (25 FEET OR LESS) AT THE END OF THE TRENCH, NO TRENCH WILL BE LEFT OPEN OVERNIGHT. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING WILL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

ITEM 614--MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES WITH ACCORDANCE WITH THE REQUIREMENTS OF SPEC. 614.

TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT AND TEMPORARY PAVEMENT SURFACED WITH 410 AGGREGATE AND STABILIZED WITH ITEM 616 CALCIUM CHLORIDE. THE LIMITS AND DURATION OF USE OF TEMPORARY PAVEMENT SHALL BE HELD TO AN ABSOLUTE MINIMUM, AND IN ALL CASES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC:

ITEM 404	BITUMINOUS CONCRETE FOR MAINTAINING TRAFFIC	50	CU. YD.
ITEM 410	TRAFFIC COMPACTED SURFACE TYPE A OR B	50	CU. YD.
ITEM 616	CALCIUM CHLORIDE	1	TONS
ITEM 616	WATER	4	M. GAL.

SEPARATE PAYMENT SHALL BE MADE FOR ITEMS 404, 410 AND 616 NOTED ABOVE. ALL OTHER WORK REQUIRED FOR TRAFFIC MAINTENANCE SHALL BE INCLUDED WITH PAYMENT FOR ITEM 614 MAINTAINING TRAFFIC.

TEMPORARY TRAFFIC MARKINGS

THE ROAD SHALL NOT BE OPENED TO TRAFFIC UNTIL EITHER THE PERMANENT OR TEMPORARY MARKINGS ARE IN PLACE. THE FOLLOWING TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER:

- ITEM 614 0.07 MI. TEMPORARY EDGE LINES, CLASS I
- ITEM 614 0.36 MI. TEMPORARY CENTER LINES, CLASS I
- ITEM 614 0.78 MI. TEMPORARY LANE LINES, CLASS I
- ITEM 614 1480 L.F. TEMPORARY CHANNELIZING LINES, CLASS I
- ITEM 614 23 EA. TEMPORARY LANE ARROWS, CLASS I
- ITEM 614 343 L.F. TEMPORARY STOP LINES, CLASS I
- ITEM 614 537 L.F. TEMPORARY CROSS WALK LINES, CLASS I

THESE QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.