

MAINTENANCE OF TRAFFIC NOTES

CALC. BY _____ DATE _____	LAKE COUNTY LAK - 306 - 6.50	OHIO FHWA REGION 5	5 38
CHKD. BY _____ DATE _____			

ITEM 614 MAINTAINING TRAFFIC

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. SEE MT-95.31 FOR DETAILS ON CLOSING RIGHT LANE OF A MULTILANE HIGHWAY.

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.

SIGNAL SHUTDOWN AND/OR LANE BLOCKAGE SHALL NOT OCCUR DURING THE HOURS OF 7:00 AM TO 8:30 AM AND 4:00 PM TO 6:00 PM EXCEPT WITH THE PERMISSION OF THE ENGINEER. IF IT IS NECESSARY TO STOP ALL TRAFFIC FOR THE ERECTION OF SIGNAL SUPPORTS, THE WORK SHALL BE ARRANGED, THAT STOPPAGE IS LESS THAN TEN (10) MINUTES IN ANY ONE (1) THIRTY (30) MINUTE PERIOD. NO STOPPAGE OF TRAFFIC SHALL OCCUR FOR THE ERECTION OF OVERHEAD SUPPORTS WITHOUT A POLICE OFFICER BEING AT THE SITE FOR ASSISTANCE IN CONTROLLING TRAFFIC AND INFORMING MOTORISTS AS TO THE NATURE OF THE DELAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE SERVICES AND THE SCHEDULING OF THE QUALIFIED POLICE OFFICER TO DIRECT TRAFFIC DURING THE PERIOD OF SIGNAL SHUTDOWN. THE COST OF ANY POLICE OFFICER SHALL BE INCLUDED IN THE LUMP SUM FOR ITEM 614 MAINTAINING TRAFFIC.

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

DURING CONSTRUCTION INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES ADJACENT TO S.R. 306 (REYNOLDS ROAD), INDUSTRIAL BOULEVARD, PALISADES PARKWAY, AND TYLER BOULEVARD.

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.

WHEN CONSTRUCTION IS COMPLETED, EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AND PERMANENT PAVEMENT MARKINGS INSTALLED IN THE FOLLOWING SEQUENCE:

- WESTERLY LANE LINE, REMOVAL AND INSTALLATION.
- WESTERLY MARKINGS OF THE TWO-WAY LEFT TURN LANE, INSTALLED AND CENTERLINE REMOVED.
- EASTERLY MARKINGS OF THE TWO-WAY LEFT TURN LANE, INSTALLED.
- EXISTING EASTERLY LANE LINE, REMOVED.
- PROPOSED EASTERLY LANE LINE, INSTALLED.

ITEM 614 MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF SPEC. 614. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND TEMPORARY ROADWAYS SURFACED WITH 410 AGGREGATE AND STABILIZED WITH ITEM 616 CALCIUM CHLORIDE. THE LIMITS AND DURATION OF USE OF TEMPORARY ROADWAYS 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	3	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.

614 TEMPORARY MAINTENANCE OF EXISTING SIGNALS

INCIDENTAL TO THE REQUIREMENTS FOR MAINTAINING TRAFFIC IN ACCORDANCE WITH 614.03, EXISTING TRAFFIC SIGNALS AT THE INTERSECTIONS OF S.R. 306 AND TYLER BOULEVARD AND S.R. 306 AND INDUSTRIAL BOULEVARD SHALL BE TEMPORARILY MAINTAINED UNTIL THE NEW TRAFFIC SIGNAL INSTALLATION IS IN OPERATION.

ANY COSTS FOR THE TEMPORARY MAINTENANCE OF EXISTING SIGNALS SHALL BE INCLUDED IN THE LUMP SUM BID FOR 614 MAINTAINING TRAFFIC EXCEPT FOR THE TEMPORARY PAVEMENT MARKING QUANTITIES INCLUDED ON THIS SHEET.

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 ADEQUATELEY 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.

PAVEMENT MARKINGS REMOVAL

EXISTING VISIBLE PAVEMENT MARKINGS IN CONFLICT WITH THE MARKINGS ON THE PLANS SHALL BE REMOVED IN COMPLIANCE WITH PARAGRAPH 621.134 OF THE ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS. PAVEMENT MARKINGS SHALL NOT BE GROUND OFF WITH A GRINDER.

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 0.60 MI. TEMPORARY CENTER LINES, CLASS II
- ITEM 614 0.75 MI. TEMPORARY LANE LINES, CLASS II
- ITEM 614 958 L.F. TEMPORARY CHANNELIZING LINES, CLASS II

THESE QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS

REFERENCES TO SUPPLEMENTAL SPECIFICATIONS 857, 858, 861, 957, 958 AND 961 ON THE TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS IN THESE PLANS SHALL BE CONSIDERED TO READ AS RESPECTIVE REFERENCES TO ITEMS 630, 631, 633, 730, 731, AND 733. REFERENCES TO ITEM 608, 4 INCH CONCRETE WALK ON THE TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS IN THESE PLAN SHALL BE CONSIDERED TO READ ITEM 633, CONTROLLER WORK PAD.