

# MAINTENANCE OF TRAFFIC GENERAL NOTES

## NOTIFICATION

THE CONTRACTOR SHALL NOTIFY IN WRITING THE FOLLOWING AGENCIES AT LEAST ONE (1) WEEK PRIOR TO START OF CONSTRUCTION, AND AT LEAST 72 HOURS BEFORE IMPLEMENTING ANY SUBSTANTIAL CHANGE IN TRAFFIC PATTERN OR CLOSING ANY STREET TO TRAFFIC:

THE WILLOUGHBY-EASTLAKE BOARD OF EDUCATION  
 THE CITY OF EASTLAKE FIRE, POLICE AND SERVICE DEPARTMENTS  
 THE CITY OF WILLOUGHBY FIRE, POLICE AND SERVICE DEPARTMENTS

## SEQUENCE OF CONSTRUCTION

CONSTRUCTION SHALL BE PERFORMED IN FIVE (5) SECTIONS AS FOLLOWS:

### SECTION 0:

DURING SECTION I CONSTRUCTION, WORK SHALL BE PERFORMED TO THE UNDERSIDE OF THE BRIDGE. THIS WORK SHALL REQUIRE THE CLOSURE OF THE SHOULDERS OF S.R. 2. APPROPRIATE SIGNING SHALL BE INSTALLED PER THE SECTION I MAINTENANCE OF TRAFFIC PLANS. CONTRACTOR SHALL CLOSE THE SHOULDER BY USE OF DRUMS AND A TRUCK MOUNTED ATTENUATOR DURING THE APPLICABLE CONSTRUCTION OPERATIONS.

SHOULD LANES ON S.R. 2 NEED TO BE CLOSED FOR CONSTRUCTION OPERATIONS, CLOSURES SHALL ADHERE TO THE FOLLOWING LANE RESTRICTION SCHEDULE:

LOCATION	WEEKDAYS		WEEKENDS		
	LANES	1 LANE CLOSED	2 LANES CLOSED	1 LANE CLOSED	2 LANES CLOSED
I-90 TO VINE	3	6 P.M. - 6 A.M.	6 P.M. - 6 A.M.	ANYTIME	MIDNIGHT- NOON
		9 A.M. - 3 P.M.			

NOTE: SECTION 1 RESURFACING OPERATIONS SHALL BE PERFORMED AS WEEKEND CLOSURES. THE CONTRACTOR SHALL EMPLOY 2 OFF DUTY CITY OF EASTLAKE LAW ENFORCEMENT OFFICERS WITH PATROL CARS AT ALL TIMES DURING LANE CLOSURES TO AID TRAFFIC FLOW NEAR THE FREEWAY RAMPS.

### SECTION 1 - PHASE I: STATE ROUTE 91 SOUTHBOUND - RIGHT LANE

1. MAINTAIN TWO-WAY TRAFFIC USING ONE (1) 11 FOOT MINIMUM LANE PER DIRECTION DELINEATED BY TEMPORARY PAVEMENT MARKINGS AND DRUMS. MODIFY SIGNAL TIMING AS DIRECTED BY THE ENGINEER AND INSTALL ALL MAINTENANCE OF TRAFFIC ITEMS AND SIGNING RELATING TO PHASE I AND MAINTAIN THROUGHOUT PHASE I.
2. RECONSTRUCT THE PROPOSED PAVEMENT IN THE RIGHT LANE OF THE ROADWAY.
3. REPAIR DAMAGED DETECTOR LOOPS AS DIRECTED BY THE ENGINEER.

### SECTION 1 - PHASE II: STATE ROUTE 91 SOUTHBOUND - CENTER LANES

1. MAINTAIN TWO-WAY TRAFFIC USING ONE (1) 11 FOOT MINIMUM LANE PER DIRECTION DELINEATED BY TEMPORARY PAVEMENT MARKINGS AND DRUMS. MODIFY SIGNALS AS INDICATED TO PROHIBIT LEFT TURNS AND INSTALL ALL MAINTENANCE OF TRAFFIC ITEMS AND SIGNING RELATING TO PHASE II AND MAINTAIN THROUGHOUT PHASE II.
2. DETOUR EASTBOUND AND WESTBOUND LEFT TURNS TO S.R. 2 USING VINE STREET.
3. RECONSTRUCT THE PROPOSED PAVEMENT IN THE CENTER LANES OF THE ROADWAY.
4. RESTORE EXISTING PAVEMENT MARKINGS AND REESTABLISH THE LEFT TURN PHASING ON THE SIGNALS.
5. REPAIR DAMAGED DETECTOR LOOPS AS DIRECTED BY THE ENGINEER.

### SECTION 1 - PHASE III: STATE ROUTE 91 NORTHBOUND - RIGHT LANE

1. MAINTAIN TWO-WAY TRAFFIC USING ONE (1) 11 FOOT MINIMUM LANE PER DIRECTION DELINEATED BY TEMPORARY PAVEMENT MARKINGS AND DRUMS. MODIFY SIGNAL TIMING AS DIRECTED BY THE ENGINEER AND INSTALL ALL MAINTENANCE OF TRAFFIC ITEMS AND SIGNING RELATING TO PHASE III AND MAINTAIN THROUGHOUT PHASE III.
2. RECONSTRUCT THE PROPOSED PAVEMENT IN THE RIGHT LANE OF THE ROADWAY.
3. REPAIR DAMAGED DETECTOR LOOPS AS DIRECTED BY THE ENGINEER.

### SECTION 1 - PHASE IV: STATE ROUTE 91 NORTHBOUND - CENTER LANES

1. MAINTAIN TWO-WAY TRAFFIC USING ONE (1) 11 FOOT MINIMUM LANE PER DIRECTION DELINEATED BY TEMPORARY PAVEMENT MARKINGS AND DRUMS. MODIFY SIGNALS AS INDICATED TO PROHIBIT LEFT TURNS AND INSTALL ALL MAINTENANCE OF TRAFFIC ITEMS AND SIGNING RELATING TO PHASE IV AND MAINTAIN THROUGHOUT PHASE IV.
2. DETOUR EASTBOUND AND WESTBOUND LEFT TURNS TO S.R. 2 USING VINE STREET.
3. RECONSTRUCT THE PROPOSED PAVEMENT IN THE CENTER LANES OF THE ROADWAY.
4. RESTORE EXISTING PAVEMENT MARKINGS AND REESTABLISH THE LEFT TURN PHASING ON THE SIGNALS.
5. REPAIR DAMAGED DETECTOR LOOPS AS DIRECTED BY THE ENGINEER.

## ITEM 614. MAINTENANCE OF TRAFFIC

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS SUCH AS BARRICADES, SATISFACTORY BARRIERS, LIGHTING, FLAGGERS, TEMPORARY GUARDRAIL, AND OTHER SUCH TRAFFIC CONTROL DEVICES AS PROVIDED IN ITEM 614, MAINTAINING TRAFFIC, SO AS TO AVOID INJURY TO PERSONS AND PROPERTY USING THE ROADWAY DURING CONSTRUCTION.

PAYMENT FOR LABOR AND EQUIPMENT REQUIRED FOR THE CONSTRUCTION, MAINTENANCE AND SUBSEQUENT REMOVAL OF BARRICADES, LIGHTS, TEMPORARY SIGNALS, SIGNS AND SIGN SUPPORTS SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614, MAINTAINING TRAFFIC.

FOR ALL OPERATIONS WHICH REQUIRE A LANE CLOSURE, TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE STANDARD CONSTRUCTION DRAWINGS AND THE ACCOMPANYING MAINTENANCE OF TRAFFIC PLANS. ANY EXISTING SIGNS OR PAVEMENT MARKINGS THAT MAY CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC PLANS SHALL BE COVERED.

DURING THE RESURFACING OPERATIONS, THE LENGTH OF RESTRICTED TRAFFIC ZONES SHALL BE KEPT TO A MINIMUM CONSISTENT WITH THE SPECIFICATION REQUIREMENTS FOR PROTECTION OF COMPLETED COURSE AS PER THE MAINTENANCE OF TRAFFIC DETAILS GIVEN BY THE MANUAL OF TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE OPERATIONS.

THE CONTRACTOR SHALL FURNISH, MAINTAIN, AND REMOVE ALL CONSTRUCTION TRAFFIC CONTROL SIGNS, FLAGS, FLAGGERS, WATCHMEN, LIGHTING, BARRICADES, SIGN SUPPORTS, CONES AND INCIDENTALS IN CONFORMANCE WITH THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."

THE ACCOMPANYING MAINTENANCE OF TRAFFIC DRAWINGS INDICATE THE MINIMUM LABOR, EQUIPMENT AND MATERIALS REQUIRED TO MAINTAIN TRAFFIC DURING CONSTRUCTION OPERATIONS. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO PROVIDE ADDITIONAL MEASURES OF PROTECTION AT HIS DISCRETION. NO ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR THESE ADDITIONAL PROTECTION MEASURES.

## ITEM 614. MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT OR THE COMPLETED PAVEMENT.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN NOTES.

### RESTRICTIONS:

NO LANE CLOSURES ARE PERMITTED WEEKDAYS FROM 6:00 A.M. TO 9:00 A.M. AND 3:00 P.M. TO 7:00 P.M.

NIGHTTIME CURB AND GUARD RAIL WORK IS PERMITTED WEEKDAYS FROM 7:00 P.M. TO 6:00 A.M. SUBJECT TO THE APPROVAL OF THE EASTLAKE SERVICE DIRECTOR.

1 LANE CLOSURES ARE PERMITTED FROM 7:00 P.M. FRIDAY TO 6:00 A.M. MONDAY FOR RESURFACING WORK.

NOTWITHSTANDING THE ABOVE, NO LANE CLOSURES SHALL OCCUR DURING THE PERIOD BEGINNING AT 12:00 NOON ON THE DAY PRECEDING AND CONTINUING UNTIL NOON ON THE DAY FOLLOWING LEGAL HOLIDAYS AND HOLIDAY WEEKENDS SUCH AS MEMORIAL DAY, FOURTH OF JULY AND LABOR DAY. FURTHERMORE, NO LANE CLOSURES SHALL BE IMPLEMENTED OR IN PLACE DURING INCREASED TRAFFIC VOLUMES CAUSED BY SPECIAL EVENTS OR WHEN THE ENGINEER DEEMS THE CLIMATOLOGICAL CONDITIONS TOO HAZARDOUS.

### ADVANCE WARNING SIGNS

ALL ADVANCE WARNING SIGNS FOR ANY CONDITION WHICH RESTRICTS TRAFFIC SHALL BE ERECTED BEFORE ANY SUCH RESTRICTION IS PUT INTO EFFECT. ALL SUCH SIGNS SHALL BE COVERED OR REMOVED FROM THE VIEW OF TRAFFIC WHENEVER THEY ARE NOT APPLICABLE.

### TEMPORARY WORK ZONE MARKINGS AND SIGNS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR TEMPORARY WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF THE STANDARD CONSTRUCTION DRAWINGS:

1	614, TEMPORARY EDGE LINE, CLASS 1, 740.06 TYPE 1	1.12 MILE
	614, TEMPORARY LANE LINE, CLASS 1, 740.06 TYPE 1	0.50 MILE

NO.	REVISIONS	BY	DATE	
1	TEMPORARY PAVEMENT MARKINGS	JPR	8/3/00	1 / 5
				2
				14