

MAINTENANCE OF TRAFFIC NOTES

CALC BY DATE	S.W.G. 2/92	LAKE COUNTY LAK - 91 - (4.23)(4.49)	OHIO	10 56
CHKD BY DATE	T.J.H. 2/92		FHWA REGION 5	

NOTIFICATION

THE CONTRACTOR SHALL CONDUCT HIS OPERATION AS TO MAKE THE PROPOSED DECK REPAIR WITH A MINIMUM OF HAZARD, DELAY AND INCONVENIENCE TO THE MOTORISTS USING THE HIGHWAY AFFECTED BY THE WORK BEING DONE UNDER THIS CONTRACT. THROUGH TRAFFIC LANES OF 12 FEET MINIMUM EFFECTIVE WIDTH SHALL BE MAINTAINED AT ALL TIMES.

THE CITIES OF EASTLAKE AND WILLOUGHBY POLICE, FIRE AND SERVICE DEPARTMENTS SHALL BE NOTIFIED AT LEAST ONE (1) WEEK PRIOR TO THE ACTUAL START OF CONSTRUCTION BY THE CONTRACTOR.

CITY OF EASTLAKE:

POLICE DEPARTMENT	951-1400
FIRE DEPARTMENT	951-2135
SERVICE DEPARTMENT	951-1416

CITY OF WILLOUGHBY:

POLICE DEPARTMENT	953-4212
FIRE DEPARTMENT	953-4348
SERVICE DEPARTMENT	953-4111

SYSTEM FOR MAINTAINING TRAFFIC

WHENEVER ANY TRAVELED SURFACE IS BEING WORKED ON OR OTHERWISE NOT SUITABLE FOR SAFE AND CONVENIENT USE BY VEHICLES, TRAFFIC CONTROL DEVICES SUFFICIENT TO PROTECT SUCH AREAS AND TO ASSURE THE SAFE PASSAGE OF VEHICULAR TRAFFIC SHALL BE INSTALLED AND MAINTAINED. SUCH TRAFFIC CONTROL DEVICES AND THE MANNER IN WHICH THEY ARE USED SHALL BE CONSISTENT WITH THESE PLANS AND THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. THE TRAFFIC CONTROL DEVICE SYSTEM CONTAINED HEREIN SHALL CONSTITUTE THE MINIMUM PROVISIONS FOR TRAFFIC CONTROL FOR EACH PARTICULAR SITUATION. WHENEVER THE ENGINEER DEEMS IT NECESSARY, HE MAY DIRECT THAT ADDITIONAL OR ALTERNATIVE DEVICES BE USED. ALSO, THE CONTRACTOR SHALL PROVIDE SUFFICIENT ADDITIONAL BARRICADES, ETC. TO PROTECT THE FRESH CONCRETE DURING THE CURING PERIOD FROM ANY VEHICLES WHICH DRIVE AROUND OR THROUGH THE TRAFFIC CONTROL.

TRAFFIC CONTROL DEVICES SHALL BE SET UP PRIOR TO THE START OF CONSTRUCTION, AND SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER. WHERE OPERATIONS ARE PERFORMED IN PHASES, THERE SHALL BE IN PLACE ONLY THOSE DEVICES THAT APPLY TO THE CONDITION PRESENT DURING THE PHASE IN PROGRESS. ALL SIGNS WITH MESSAGES WHICH DO NOT APPLY DURING A CERTAIN PERIOD SHALL BE COVERED OR SET ASIDE OUT OF THE VIEW OF TRAFFIC.

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.

RESTRICTIONS

NO TRAFFIC LANE CLOSURES EXCEPT AS SHOWN ON MAINTENANCE OF TRAFFIC PLANS OR AS INDICATED HEREIN SHALL BE ALLOWED.

THE CONTRACTOR SHALL NOT ROUTE OR DIRECT TRAFFIC ON BOTH SIDES OF A LANE CLOSURE.

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND REMOVE ALL SIGNS AND ROADWAY MARKINGS REQUIRED FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION AS SHOWN ON THESE PLANS.

NO STOPPAGE OF TRAFFIC OR ESTABLISHMENT OF LANE RESTRICTIONS SHALL OCCUR WITHOUT LAW ENFORCEMENT PERSONNEL AT EACH LOCATION TO DIRECT TRAFFIC.

CONDITIONS

DURING ALL PARTS OF THIS PROJECT, SIGNING, TEMPORARY PAVEMENT MARKINGS, ETC., SHALL BE LOCATED AS INDICATED ON SHEETS NUMBERED 13 THROUGH 16. THE NUMBER OF LANES AND THE MINIMUM LANE WIDTHS MAINTAINED SHALL BE AS INDICATED ON THE MAINTENANCE OF TRAFFIC SHEETS.

ITEM 614 MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF ITEM 614 MAINTAINING TRAFFIC. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, TEMPORARY PAVEMENT AND THE COMPLETED PAVEMENT. IN ADDITION TO THE REQUIREMENTS OF ITEM 614, THE FOLLOWING SPECIFIC PROVISIONS SHALL APPLY:

1. THE CONTRACTOR SHALL MAINTAIN SAFE AND SATISFACTORY ACCESS TO INTERSECTING STREETS AT ALL TIMES DURING CONSTRUCTION.
2. ALL SIGNS, DRUMS, TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (OMUTCD), MAINTAINING TRAFFIC STANDARD CONSTRUCTION DRAWINGS, THE MAINTENANCE OF TRAFFIC PLANS, AND ITEM 614.
3. TO ASSURE MAINTENANCE OF ADEQUATE TRAFFIC CONTROL AT ALL TIMES, NO SIGNS ARE TO BE INSTALLED OR REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.
4. MAINTENANCE OF TRAFFIC FOR CONSTRUCTING ITEM 615 TEMPORARY PAVEMENT AND ITEM 615 TEMPORARY ROADS SHALL BE PROVIDED IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING MT-95.30, WITH THE EXCEPTION THAT THE ADVANCE WARNING SIGNS SHALL BE PLACED AS INDICATED IN THE MAINTENANCE OF TRAFFIC PLANS. THE APPLICABLE SPEED LIMIT SHALL BE 35 MPH.
5. THE COST OF PLACEMENT OF TEMPORARY LOOP DETECTOR AT STA. 239+95 IS TO BE COVERED UNDER ITEM 614 MAINTAINING TRAFFIC. THE APPLICABLE CONNECTIONS/DISCONNECTIONS ARE TO OCCUR AT THE PULL BOX SO THAT THE TEMPORARY LOOP DETECTOR WILL REPLACE THE EXISTING LOOP DETECTORS IN THE CURRENT SOUTHBOUND LEFT TURN LANE DURING PHASE I OF CONSTRUCTION. AT THE END OF PHASE I, THE TEMPORARY LOOP DETECTOR IS TO BE DISCONNECTED AT THE PULL BOX AND THE EXISTING LEFT TURN LOOP DETECTORS RECONNECTED TO ACHIEVE NORMAL, PRECONSTRUCTION SIGNAL OPERATION. THE CONTRACTOR IS TO TAKE CARE TO NOT DAMAGE THE EXISTING LOOP DETECTORS OR LEAD WIRES TO THE PULL BOXES DURING PAVEMENT SAWING.

6. ADJUSTMENT OF EXISTING TRAFFIC SIGNAL HEADS MAY BE REQUIRED DUE TO THE REALIGNMENT OF THE TRAVELED LANES FOR MAINTENANCE OF TRAFFIC. THE TRAFFIC SIGNAL HEADS REQUIRING ADJUSTMENT, IF ANY, SHALL BE AT THE DISCRETION OF THE ENGINEER. THE COST FOR ADJUSTING THE TRAFFIC SIGNAL HEADS SHALL BE PAID FOR UNDER ITEM 614 MAINTAINING TRAFFIC.

7. THE CONTRACTOR SHALL ESTABLISH MAINTENANCE OF TRAFFIC OF LAKELAND BLVD. WHILE PERFORMING CONSTRUCTION TASKS UNDER BRIDGE NO. LAK - 91 - 0449. THE MAINTENANCE OF TRAFFIC PROVIDED SHALL BE SUBJECT TO THE APPROVAL OF ENGINEER.

8. FAILURE TO COMPLY

IF THE CONTRACTOR FAILS TO COMPLY WITH THE PROVISIONS OF TRAFFIC CONTROL AS SET FORTH IN THESE PLANS AND PROVISIONS OF THE OMUTCD AND THE FAILURE RESULTS IN A CONDITION AT THE WORK SITE WHICH IS UNSAFE FOR TRAFFIC, THE ENGINEER SHALL SUSPEND WORK UNTIL THE CONTRACTOR COMPLIES WITH THE NECESSARY REQUIREMENTS.

9. TEMPORARY LANE CLOSURES OR LANE WIDTH REDUCTION

A MINIMUM OF TWO 12-FOOT LANES (1 LANE IN EACH DIRECTION) SHALL BE OPEN TO TRAFFIC AT ALL TIMES EXCEPT TO IMPLEMENT MAINTENANCE OF TRAFFIC PHASE WORK. THE CONTRACTOR SHALL ONLY INSTITUTE SUCH PHASE WORK CLOSURE OR WIDTH REDUCTION ON SATURDAY OR SUNDAY, WEEKENDS OR AS APPROVED BY THE ENGINEER.

10. TEMPORARY TRAFFIC MARKINGS

TEMPORARY PAVEMENT MARKINGS AND TEMPORARY BARRIER REFLECTORS SHALL BE PROVIDED FOR EACH STAGE OF CONSTRUCTION, WITHIN THE LIMITS SHOWN ON THE PLANS.

11. FLASHING ARROW REQUIREMENT

WHENEVER ANY PART OF THE HIGHWAY SURFACE IS CLOSED, MOTORISTS SHALL BE WARNED AND DIRECTED BY THE CONTRACTOR THROUGH THE USE OF ONE FLASHING ARROW PANEL FOR EACH LANE CLOSED. THE FLASHING ARROW PANELS SHALL BE TYPE A AND SHALL CONFORM TO THOSE PROVISIONS SET FORTH IN THE OMUTCD AND STANDARD DRAWING TC-35.10.

12. SIGNS

SIGN DIMENSION AND SPECIFICATIONS, INCLUDING LETTER SIZES SHALL BE AS PROVIDED IN THE MANUAL, OR IN SIGN DESIGN DRAWINGS PROVIDED BY THE DEPARTMENT OF TRANSPORTATION. THE SIGNS SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER PRIOR TO THE START OF THE PROJECT.

13. SIGN SUPPORTS

SIGN SUPPORTS SHALL BE OF SUFFICIENT SIZES AND HEIGHT TO SUPPORT THE SIGNS AT THE HEIGHT INDICATED IN THE MANUAL. SUPPORTS SHALL ALSO BE ADEQUATE IN MASS AND STABILITY TO PREVENT SIGNS FROM BEING BLOWN OVER BY WIND OR VEHICULAR GENERATED AIR TURBULENCE.

14. DRUMS

DRUMS SHALL BE LOCATED AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS.

MAINTENANCE OF TRAFFIC