

MAINTENANCE OF TRAFFIC NOTES

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ITEM 614 - MAINTAINING TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION LATEST REVISION; THE SPECIFICATIONS; AND THE FOLLOWING:

LAK-90-26.87 (S.R. 528)

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES IN ACCORDANCE WITH SPECIFICATION 614 AND THE CONSTRUCTION SEQUENCE SHOWN ON THIS SHEET AND ON SHEETS 12 THRU 13. ONE LANE OF BIDIRECTIONAL TRAFFIC SHALL BE MAINTAINED ON THE EXISTING TWO LANE HIGHWAY AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND 615 TEMPORARY PAVEMENT.

TRAFFIC SHALL BE CONTROLLED WITH TEMPORARY TRAFFIC SIGNALS WITH LUMINAIRES AT EACH END OF THE BRIDGE; SIGNS WITH TYPE A WARNING LIGHTS; TEMPORARY PAVEMENT MARKINGS; PORTABLE CONCRETE BARRIERS WITH TYPE B REFLECTORS AND OBJECT MARKERS; AND PORTABLE CONCRETE BARRIERS, BRIDGE MOUNTED, WITH TYPE B REFLECTORS AND OBJECT MARKERS, AS SHOWN ON MOT PLANS.

SUGGESTED SEQUENCE OF OPERATIONS

PRE-PHASE CONSTRUCTION

1. INSTALL TEMPORARY CONCRETE BARRIERS AND M.O.T. DEVICES ALONG I-90 PER SHEET 11 AND REMOVE EXISTING GUARDRAIL (TO BE REBUILT) AS NEEDED TO CONSTRUCT ADDITIONAL PIER COLUMNS. QUANTITIES FOR GUARDRAIL REMOVAL FOR REUSE AND GUARDRAIL REERECTION HAVE BEEN PROVIDED IN THE GENERAL NOTES.

2. CONSTRUCT PIER PILES, ABUTMENT PILES, PIER FOUNDATION AND COLUMNS EXCLUDING PIER CAP. REGRADE AS REQUIRED BY ENGINEER. REBUILD EXISTING GUARDRAIL, PRIOR TO REMOVAL OF TEMPORARY CONCRETE BARRIERS.

PHASE I CONSTRUCTION

1. CONSTRUCT LEFT PAVED SHOULDER AND TEMPORARY PAVEMENT, LEFT PROPOSED GUARDRAIL EXCLUDING BRIDGE TERMINAL ASSEMBLIES, AND TEMPORARY GUARDRAIL PER SHEET 12 WHILE MAINTAINING TRAFFIC USING FLAGGERS.

2. CLOSE RIGHT LANE OF TRAFFIC AND INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND PORTABLE CONCRETE BARRIER PER SHEETS 12 & 14.

3. MAINTAIN ONE LANE OF BI-DIRECTIONAL TRAFFIC UTILIZING SIGNALIZED CLOSURE. REMOVE AND CONSTRUCT PORTIONS OF STRUCTURE AS REQUIRED IN THE BRIDGE PHASING PLAN. CONSTRUCT RIGHT PAVED SHOULDER ROADWAY, AND GUARDRAIL.

4. CLOSE LEFT LANE OF TRAFFIC AND INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AND PORTABLE CONCRETE BARRIER PER SHEETS 13 & 14.

PHASE II CONSTRUCTION

1. MAINTAIN ONE LANE OF BI-DIRECTIONAL TRAFFIC UTILIZING SIGNALIZED CLOSURE. REMOVE AND CONSTRUCT PORTIONS OF STRUCTURE AS REQUIRED IN THE BRIDGE PHASING PLAN. REMOVE TEMPORARY GUARDRAIL, TEMPORARY PAVEMENT, AND CONSTRUCT REMAINING ROADWAY, SHOULDER, AND GUARDRAIL.

2. REMOVE TEMPORARY TRAFFIC CONTROL DEVICES AND PORTABLE CONCRETE BARRIER. OPEN ALL LANES OF TRAFFIC.

3. CONSTRUCT SURFACE COURSE, MAINTAIN TRAFFIC USING FLAGGERS.

PHASE CONSTRUCTION OPERATIONS ARE DESCRIBED IN DETAIL ON SHEETS 12 AND 13.

NOTIFICATION

THE CONTRACTOR SHALL NOTIFY THE DISTRICT WORK ZONE TRAFFIC CONTROL ENGINEER 14 DAYS PRIOR TO IMPLEMENTING EACH OF THE CONSTRUCTION PHASES.

THE CONTRACTOR SHALL ALSO NOTIFY THE LOCAL OFFICIALS LISTED BELOW TWO WEEKS PRIOR TO THE CONSTRUCTION PHASE.

MADISON VILLAGE (440) 428-7526
126 WEST MAIN STREET
MADISON, OHIO 44057
ATTENTION: JOHN D. SAMPLE (VILLAGE ADMINISTRATOR)

MADISON FIRE DISTRICT (440) 428-1522
33 NORTH LAKE STREET
P. O. BOX 338
MADISON, OHIO 44057
ATTN: WALTER ZILKE

MADISON LOCAL SCHOOL DISTRICT (440) 428-2166
6741 NORTH RIDGE ROAD
MADISON, OHIO 44057
ATTN: STAN W. HEFFNER (SUPERINTENDENT)

MADISON TOWNSHIP POLICE DEPARTMENT (440) 428-2116
2065 HUBBARD ROAD
MADISON, OHIO 44057
ATTN: RICHARD SVAGERKO (POLICE CHIEF)

MADISON BOARD OF EDUCATION (440) 428-9312
92 EAST MAIN STREET
MADISON, OHIO 44057
ATTN: JOYCE WHITE

STATE HIGHWAY PATROL (440) 354-3233
CHARDON POST
530 CENTER ROAD
CHARDON, OHIO 44024
ATTN: LT. MATT GEARWELL

LAKE COUNTY SHERIFF (440) 350-5500
104 EAST ERIE STREET
PAINESVILLE, OHIO 44077

LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) (440) 256-1415
P. O. BOX 480
8505 GARFIELD ROAD
MENTOR, OHIO 44061
ATTN: ROBERT RETZLER

LAKE COUNTY ENGINEER (440) 350-2770
550 BLACKBROOK ROAD
PAINESVILLE, OHIO 44077
ATTN: THOMAS P. GILLES, P.E., P.S.

LENGTH AND DURATION OF LANE CLOSURES

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

TRAFFIC ON RAMPS

THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT TRAFFIC ON THE RAMPS DOES NOT BACKUP ONTO I-90. APPROPRIATE MEASURES SHALL CONSIST OF, BUT IS NOT LIMITED TO, ADJUSTING THE SIGNAL TIMING WITH USE OF ADDITIONAL LOOPS, AS REQUIRED, TO DETECT BACKUP.

LANE CLOSURE ON I-90 AND LIMITATIONS

DURING STRUCTURE DEMOLITION OR AT ANY TIME DURING CONSTRUCTION WHEN THERE IS POSSIBILITY OF DEBRIS FALLING ON THE ROADWAY BELOW, THE FOLLOWING CONDITIONS SHALL BE MET:

1. THE LANE DIRECTLY BELOW THE WORK AREA SHALL BE CLOSED AS PER STANDARD DRAWING MT-95.30M.
2. ONE LANE OF EASTBOUND TRAFFIC AND ONE LANE OF WESTBOUND TRAFFIC MUST REMAIN OPEN AT ALL TIMES.

NO PERMANENT LANE CLOSURES WILL BE ALLOWED ON I-90. ONLY SHORT TERM LANE CLOSURES, AS DEFINED BELOW, WILL BE ALLOWED.

ONE (1) LANE PERMITTED TO BE CLOSED DURING THE FOLLOWING TIMES, EXCEPT DURING HOLIDAY, HOLIDAY WEEKENDS AND SPECIAL EVENT DAYS:
WEEKDAYS
EASTBOUND 6:00 PM TO 3:00 PM (21 HOURS)
WESTBOUND 9:00 AM TO 4:00 AM (19 HOURS)

WEEKENDS
WEEKEND RESTRICTIONS. NO LANE CLOSURE ARE PERMITTED AFTER 4:00 P.M. ON FRIDAY TO 12:00 A.M. SATURDAY AND 6:00 P.M. ON SUNDAY TO 12:00 A.M. ON MONDAY.

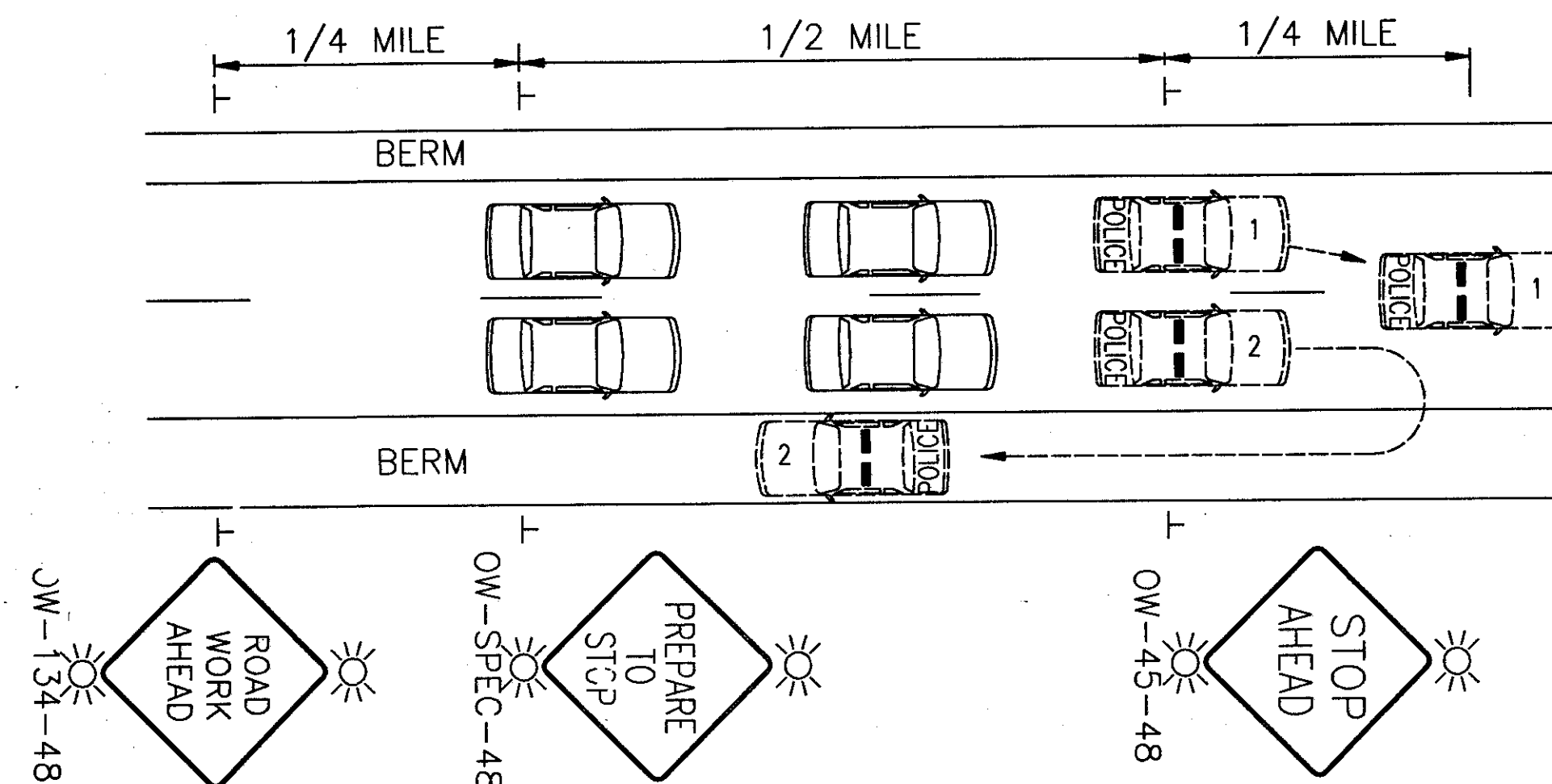
TRAFFIC MAY BE STOPPED ANY TIME EXCEPT DURING RUSH HOURS (6:00 A.M. TO 9:00 A.M. AND 3:00 P.M. TO 6:00 P.M.) AND DURING THE WEEKEND RESTRICTIONS.

A LANE MAY ONLY BE CLOSED WHEN WORK IS BEING PERFORMED.

THE CONTRACTOR SHALL SUBMIT HIS PLANS FOR THE MAINTENANCE OF TRAFFIC IN WRITING TO THE ENGINEER. THE CONTRACTOR SHALL NOT IMPLEMENT ANY LANE CLOSURES UNTIL WRITTEN APPROVAL IS RECEIVED FROM THE ENGINEER. THE ENGINEER MAY AT ANY TIME, DISALLOW LANE CLOSURES FOR THE CONVENIENCE OF THE TRAVELING PUBLIC.

WORK REQUIRING A LANE CLOSURE SHALL COMMENCE WITHIN THIRTY (30) MINUTES OF THE IMPLEMENTATION OF THE CLOSURE. ALL CLOSURES SHALL BE REMOVED WITHIN THIRTY (30) MINUTES AFTER THE STOPPAGE OF THE WORK REQUIRING A LANE CLOSURE.

ANY TIME TRAFFIC MUST BE COMPLETELY STOPPED ON THE FREEWAY IT SHALL BE ACCOMPLISHED IN THIS MANNER; STOPPAGE ON ALL LANES OF ANY DIRECTIONAL ROADWAY SHALL BE NO LONGER THAN 10 MINUTES IN ANY ONE CONSECUTIVE 30 MINUTER PERIOD. A MINIMUM OF TWO (2) LAW ENFORCEMENT PATROL VEHICLES SHALL BE USED TO PACE MOTORISTS TO A STOP. AFTER TRAFFIC HAS BEEN SLOWED, ONE (1) PATROL VEHICLE SHALL TRAVEL ALONG THE ROADWAY SHOULDER 500 FEET BEHIND THE BACK OF STOPPED VEHICLES. WHERE STOPPAGE OCCURS IN THE VICINITY OF FREEWAY ENTRANCES, THE CONTRACTOR SHALL PLACE FLAGGERS ON THE RAMPS TO STOP TRAFFIC, PATROL VEHICLES SHALL HAVE TOP MOUNTED FLASHING BEACONS TO PROVIDE ADEQUATE VISIBILITY TO APPROACHING MOTORISTS. THE CONTRACTOR SHALL ERECT AND MAINTAIN "ROADWORK AHEAD", "PREPARE TO STOP", AND "STOP AHEAD" SIGNS WITH TWO (2) FLASHING TWELVE INCH (12) TRAFFIC SIGNALS HEADS ON EACH SIGN IN ACCORDANCE WITH 632.05. THESE SIGNS SHALL BE ILLUMINATED DURING NIGHT OPERATIONS. PATROL VEHICLES AND SIGNS SHALL BE LOCATED IN ACCORDANCE WITH THE FOLLOWING SKETCH.



NOTE: DETAIL IS SHOWN FOR TWO (2) LANE DIRECTIONAL TRAFFIC. IF ADDITIONAL DIRECTIONAL LANES EXIST, THE STOPPAGE OF TRAFFIC SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE EXISTING ROADWAY CONDITIONS. 3 PATROL VEHICLES ARE REQUIRED IN 3 LANE SECTIONS.

FOR ANY OPERATION NOT SPECIFICALLY MENTIONED IN THESE PLANS, THE TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".

ALL LABOR, MATERIALS, EQUIPMENT, AND ANY INCIDENTALS REQUIRED TO COMPLETE THE WORK AS DESCRIBED ABOVE SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC.

MAINTENANCE OF TRAFFIC NOTES

LAK-90-26.87

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