

1. RESTRICTIONS

PERMITTED LANE CLOSURES

ALL LANE CLOSURES MAY ONLY BE IMPLEMENTED AT THE TIMES PERMITTED BY THE "DISTRICT 12, PERMITTED LANE CLOSURE TIMES" LIST, WHICH IS LOCATED ON THE ODOT WEB SITE:

www.dot.state.oh.us/dist12/workzone/laneclo.htm

THE LATEST REVISION, AT 14 DAYS PRIOR TO THE BID DATE, SHALL BE IN EFFECT FOR THIS PROJECT. NO LANE OR SHOULDER CLOSURES SHALL BE IN PLACE WHEN NO WORK IS BEING PERFORMED.

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.

HOLIDAY, HOLIDAY WEEKENDS AND SPECIAL EVENTS LIMITATIONS (I.R. 90 ONLY)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

| | | |
|----------------|-----------|-----------|
| MEMORIAL DAY | CHRISTMAS | NEW YEARS |
| FOURTH OF JULY | EASTER | |
| LABOR DAY | | |

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

| <u>DAY OF THE WEEK</u> | <u>TIME ALL LANES MUST BE OPEN TO TRAFFIC</u> |
|------------------------|---|
| SUNDAY | 12:00N FRIDAY THROUGH 12:00N MONDAY |
| MONDAY | 12:00N FRIDAY THROUGH 12:00N TUESDAY |
| TUESDAY | 12:00N MONDAY THROUGH 12:00N WEDNESDAY |
| WEDNESDAY | 12:00N TUESDAY THROUGH 12:00N THURSDAY |
| THURSDAY | 12:00N WEDNESDAY THROUGH 12:00N MONDAY |
| FRIDAY | 12:00N THURSDAY THROUGH 12:00N MONDAY |
| SATURDAY | 12:00N FRIDAY THROUGH 12:00N MONDAY |
| SPECIAL EVENTS | PER PROJECT ENGINEER |

LIQUIDATED DAMAGES/FOR I-90 LANES

IF THE SHORT TERM CLOSURES ARE NOT REMOVED PER THE TIMES STATED, THE CONTRACTOR SHALL BE ASSESSED LIQUIDATED DAMAGES IN THE FOLLOWING AMOUNT:

\$70 PER MINUTE EVERY MINUTE THE LANE(S) REMAINS CLOSED PAST THE DESIGNATED TIMES.

COOPERATION BETWEEN CONTRACTORS

THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS OPERATION WITH THE CONTRACTORS ON OTHER PROJECTS THAT MAY BE IN FORCE DURING THE LIFE OF THIS CONTRACT. NO WAIVER OF ANY PROVISIONS OF 105.07 OF THE CONSTRUCTION AND MATERIAL SPECIFICATION IS INTENDED.

CONTRACTOR'S EQUIPMENT AND OPERATION

ALL VEHICLES AND EQUIPMENT MUST BE EQUIPPED WITH AT LEAST ONE FLASHING, ROTATING OR OSCILLATING AMBER LIGHT THAT IS VISIBLE IN ALL DIRECTIONS OF TRAFFIC FOR AT LEAST 1300 FEET, DAY OR NIGHT. THE CONTRACTOR'S EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAFFIC.

TRAFFIC CONTROL MATERIALS

ALL TRAFFIC CONTROL MATERIALS SHALL BE IN ACCORDANCE WITH THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS AND AS FOLLOWS:

A. SIGNS

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

B. SIGN SUPPORTS

SUPPORTS SHALL BE ADEQUATE IN MASS AND STABILITY TO PREVENT THE SIGNS BEING BLOWN OVER BY WIND OR VEHICULAR GENERATED AIR TURBULENCE. SEE STANDARD DRAWINGS MT-105.10M AND MT-105.11M FOR DETAILS.

C. DRUMS

DRUMS SHALL BE IN ACCORDANCE WITH PERTINENT SECTIONS OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. ALL PERMANENT LANE CLOSURES SHALL BE DELINEATED WITH DRUMS SPACED AT 20 FEET CENTER TO CENTER. ALL COSTS FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID DRUMS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

D. LIGHTING DEVICES

FLASHERS SHALL BE 12 VOLT BATTERY-OPERATED MODELS WITH 7 INCH DIAMETER YELLOW LENSES ILLUMINATED BY RAPID INTERMITTENT FLASHERS OF SHORT DURATION AND SHALL BE PLACED ON ALL SIGNS AT ALL TIMES.

CONTINUOUS BURN LIGHTS SHALL BE 12 VOLT BATTERY OPERATED MODELS WITH MINIMUM 7 INCH DIAMETER YELLOW LENSES.

E. FLASHING ARROW PANEL

WHENEVER ANY PART OF THE TRAVELED SURFACE IS CLOSED, THE MOTORIST SHALL BE WARNED AND DIVERTED BY THE CONTRACTOR THROUGH THE USE OF ONE FLASHING ARROW PANEL FOR EACH LANE CLOSED. THE CONTRACTOR SHALL REFER TO STD. DWG. MT-35.10 AND THE PROVISIONS SET FORTH IN OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS FOR ALL INFORMATION REGARDING FURNISHING, MAINTAINING, AND USE OF FLASHING ARROW PANELS. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC.

TRAFFIC CONTROL DEVICES LOCATED OUTSIDE OF THE LIMITS OF CONSTRUCTION

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN, AND SUBSEQUENTLY REMOVE SUCH ADDITIONAL TRAFFIC CONTROL DEVICES LOCATED OUTSIDE OF THE LIMITS OF CONSTRUCTION AS ARE REQUIRED ON HIGHWAYS WHICH ARE USED AS DETOURS, INCLUDING THE ROAD CLOSED SIGNS UPON THE BARRICADES AT THE POINT WHERE THE HIGHWAY IS CLOSED.

SECURING WORK AREA

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SAFEGUARDS AND SAFETY DEVICES AS MAY BE NECESSARY TO PROTECT THE PUBLIC. THIS SHALL INCLUDE THE INSTALLATION OF EITHER WOOD SNOW FENCE OR PLASTIC/NYLON CONSTRUCTION FENCE AS DIRECTED BY THE ENGINEER, TO PREVENT ACCESS TO THE WORK AREA, AND REMOVAL OF CONSTRUCTION DEBRIS, AS DIRECTED BY THE ENGINEER, AT THE END OF EACH DAY.

WOOD SNOW FENCE AND PLASTIC/NYLON CONSTRUCTION FENCE SHALL BE NOMINALLY 42 INCHES HIGH AND SECURELY SUPPORTED BY WOOD OR METAL POSTS AT 6 FOOT MAXIMUM SPACING. ALL COSTS ASSOCIATED WITH PROVIDING, INSTALLING, MAINTAINING AND REMOVING THE FENCE SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 - MAINTENANCE OF TRAFFIC.

ALL LOOSE DEBRIS SHALL BE REMOVED FROM THE PROJECT SITE AT THE END OF THE WORK DAY.

ALL COSTS ASSOCIATED WITH THE DAILY REMOVAL OF CONSTRUCTION DEBRIS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE PERTINENT REMOVAL ITEMS.

RESTORATION OF EXISTING PAVEMENT MARKINGS

EXISTING PAVEMENT MARKINGS WHICH ARE REMOVED FOR MAINTENANCE OF TRAFFIC SHALL BE RESTORED TO THEIR ORIGINAL POSITION