

MAINTENANCE OF TRAFFIC

ITEM 614 - MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THESE PLANS AND THE REQUIREMENTS OF SPECIFICATION 614. TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND COMPLETED PERMANENT PAVEMENT.

DURING ALL PARTS OF THIS PROJECT, SIGNING, BARRICADES, TEMPORARY PAVEMENT MARKINGS, ETC., SHALL BE AS DETAILED IN THE MAINTENANCE OF TRAFFIC PLANS. THE NUMBER OF LANES AND THE MINIMUM LANE WIDTHS MAINTAINED SHALL BE AS INDICATED ON THE MAINTENANCE OF TRAFFIC SHEETS.

ACCESS SHALL BE MAINTAINED AT ALL TIMES TO ALL ABUTTING PROPERTIES.

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, HEREINAFTER REFERRED TO AS THE MANUAL. 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.

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.

NOTIFICATION

THE CONTRACTOR SHALL CONDUCT HIS OPERATION AS TO CONSTRUCT THE PROPOSED IMPROVEMENT 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 11 FEET MINIMUM EFFECTIVE WIDTH SHALL BE MAINTAINED AT ALL TIMES.

THE CITY OF MENTOR POLICE, FIRE AND PUBLIC WORKS DEPARTMENTS AND THE MENTOR EXEMPTED VILLAGE BOARD OF EDUCATION SHALL BE NOTIFIED AT LEAST ONE (1) WEEK PRIOR TO THE ACTUAL START OF CONSTRUCTION BY THE CONTRACTOR.

CITY OF MENTOR POLICE DEPARTMENT RICHARD A. AMIOTT, CHIEF	255-8856	EXT. 300
CITY OF MENTOR FIRE DEPARTMENT JOHN D. PREUER, CHIEF	255-1215	EXT. 610
CITY OF MENTOR ENGINEERING DEPARTMENT JOHN W. KONRAD, CITY ENGINEER	255-1100	EXT. 223
CITY OF MENTOR DEPARTMENT OF PUBLIC WORKS ALVIN E. BEASLEY, DIRECTOR	255-1100	EXT. 300
MENTOR EXEMPTED VILLAGE BOARD OF EDUCATION BONNIE BISCHOF SUPERVISOR OF TRANSPORTATION	255-4444	EXT. 260
LAKE COUNTY THOMAS P. GILLES, COUNTY ENGINEER	357-2770	

RESTRICTIONS

WINTER TRAFFIC LIMITATIONS

ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC BETWEEN NOVEMBER 15 AND APRIL 15. NOVEMBER 15 SHALL BE CONSIDERED TO CONSTITUTE AN INTERIM COMPLETION DATE AND LIQUIDATED DAMAGES SHALL BE ASSESSED IN ACCORDANCE WITH SECTION 108.07 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS FOR EACH CALENDAR DAY THAT ALL LANES ARE NOT OPEN AND AVAILABLE TO TRAFFIC.

PLAN OF OPERATIONS AND PROTECTION OF PUBLIC

THE CONTRACTOR SHALL SUBMIT TO THE DIRECTOR A COMPLETE SCHEDULE OF CONSTRUCTION OPERATIONS ALONG WITH PLANS CONTAINING HIS PROPOSED METHODS OF PREVENTING DEBRIS FROM FALLING ON THE TRAFFIC BELOW. THESE PLANS MUST BE SUBMITTED AND APPROVED PRIOR TO COMMENCING THE WORK. LANE CLOSURES AND TIMES OF IMPLEMENTATION SHALL BE APPROVED BY THE ENGINEER. NO REMOVAL WORK SHALL BE STARTED WITHOUT PRIOR APPROVAL OF THE ENGINEER. COSTS FOR PROTECTION OF THE PUBLIC SHALL BE INCLUDED WITH THE REMOVAL ITEM FOR PAYMENT.

MATERIAL FOR MAINTAINING TRAFFIC

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. ALL COST FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID SIGNS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

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.

DRUMS

DRUMS SHALL BE LOCATED AS PER THE MAINTENANCE OF TRAFFIC PLANS. ALL COST FOR INSTALLING, MAINTAINING AND SUBSEQUENT REMOVAL OF SAID DRUMS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

WORK ZONE PAVEMENT MARKINGS

PAVEMENT MARKINGS SHALL BE OF THE TYPE AND LOCATION AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS, AND SHALL BE IN ACCORDANCE WITH STANDARD DRAWING MT-99.10.

EXISTING TRAFFIC SIGNALS

THE EXISTING TRAFFIC SIGNALS AT RAMPS F-1, F-2, F-3, F-4, F-5, AND F-6 WILL REMAIN IN SERVICE DURING CONSTRUCTION OF THE PROJECT. ADJUSTMENTS FOR THE EXISTING SIGNALS AT THESE FOUR (4) LOCATIONS ARE SHOWN IN THE PLANS. SEE DETAILS ON SHEET NOS. 14 THROUGH 17. THE COST ASSOCIATED WITH TEMPORARY POLES, MOVING OF SPAN WIRE AND RELOCATING SIGNAL HEADS SHALL BE INCLUDED IN ITEM 614 - MAINTAINING TRAFFIC. SIGNAL SHUTDOWN AND/OR LANE BLOCKAGE SHALL NOT OCCUR DURING THE HOURS OF 6:30 A.M. TO 8:30 A.M. AND 4:00 P.M. TO 6:00 P.M. MONDAY THROUGH FRIDAY 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 SO THAT THE 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 CONTRACTORS' RESPONSIBILITY TO PROVIDE THE SERVICES AND SCHEDULING OF THE QUALIFIED POLICE OFFICER TO DIRECT TRAFFIC DURING THE PERIOD OF THE SIGNAL SHUTDOWN.

THE CONTRACTOR SHALL HAVE THE OPTION OF TURNING OFF THE TRAFFIC SIGNAL FOR A PERIOD NOT TO EXCEED SIX (6) HOURS WHEN SWITCHING FROM THE EXISTING SIGNAL INSTALLATION TO THE TEMPORARY SIGNAL INSTALLATION AND TWO (2) HOURS WHEN SWITCHING FROM THE TEMPORARY SIGNAL INSTALLATION TO THE PROPOSED SIGNAL INSTALLATION. THE APPROVED TIME PERIOD OF THE SIGNAL SHUTDOWN SHALL BE AS DIRECTED BY THE ENGINEER. DURING THE PERIOD OF SIGNAL SHUTDOWN, THE INTERSECTION SHALL BE PROTECTED BY OFF-DUTY CITY OF MENTOR POLICE, HIRED BY THE CONTRACTOR. THE CONTRACTOR SHALL IMMEDIATELY COVER OR REMOVE THE EXISTING SIGNAL HEAD(S) WHEN THE PROPOSED SIGNAL INSTALLATION IS ACTIVATED. THE CONTRACTOR IS ENCOURAGED TO IMMEDIATELY REMOVE EXISTING SIGNAL HEADS; HOWEVER, SHOULD THE CONTRACTOR ELECT TO COVER THE EXISTING HEAD, THE COVERING SHALL CONFORM TO ITEM 632.24. PAYMENT FOR COVERING THE EXISTING SIGNAL HEADS DURING THE SIGNAL SWITCH OVER SHALL BE INCIDENTAL TO ITEM 614-MAINTAINING TRAFFIC. FOR ADDITIONAL REQUIREMENTS ON MAINTENANCE OF EXISTING, TEMPORARY AND PROPOSED SIGNALS, SEE SHEET 50 OF THE TRAFFIC CONTROL GENERAL NOTES.

THE CONTRACTOR SHALL INSTALL MAGNETOMETER PROBES IN LOCATIONS AS DETAILED IN PLAN SHEETS TO ASSURE ACTUATED OPERATION DURING EACH PHASE OF CONSTRUCTION. WHEN MAGNETOMETER PROBES ARE DISCONNECTED, THE PROBES SHALL BE REMOVED AND THE VOID IS TO BE BACKFILLED WITH MATERIALS APPROVED BY THE ENGINEER.

IF APPROVED BY THE ENGINEER, POLE MOUNTED "MICROWAVE SENSORS, MODEL NO. TC-20" PRESENCE DETECTORS, OR APPROVED EQUAL MAYBE UTILIZED IN LIEU OF THE MAGNETOMETER PROBES. IF THE MICROWAVE SENSORS ARE TO BE UTILIZED, THE CONTRACTOR SHALL ASSURE THAT THE DETECTION ZONE IS ADEQUATE AND THE SIGNAL OPERATION IS AS PER THE DETAILED PLANS.

ERECTION OF STEEL OVER ACTIVE LANES

ERECTION OF STEEL OVER S.R. 2 WILL REQUIRE THE FREEWAY TO BE CLOSED FOR A SHORT DURATION SUBJECT TO THE FOLLOWING CONTROLS:

- WORK IS LIMITED TO THE HOURS OF 11 PM TO 6 AM MONDAY THROUGH FRIDAY OR 8 AM TO 7 PM SUNDAY WITH THE APPROVAL OF THE ENGINEER.
- DURATION OF CLOSURES SHALL NOT EXCEED TEN (10) MINUTE INTERVALS DURING ANY 30 MINUTE PERIOD.
- LANE CLOSURES WILL BE IN ACCORDANCE WITH THE DETAIL BELOW. ONE PATROL VEHICLE IS REQUIRED FOR EACH LANE OF STOPPED TRAFFIC. AFTER TRAFFIC HAS BEEN SLOWED, ONE (1) PATROL VEHICLE SHALL TRAVEL ALONG THE ROADWAY SHOULDER 500 FT BEHIND THE BACK-UP OF STOPPED VEHICLES. PATROL VEHICLES SHALL HAVE HIGH RISE FLASHING BEACONS TO PROVIDE ADEQUATE VISIBILITY TO APPROACHING MOTORISTS. THE CONTRACTOR SHALL ERECT AND MAINTAIN THE "ROADWORK AHEAD", "PREPARE TO STOP" AND "STOP AHEAD" SIGNS WITH FLASHING TWELVE (12) INCH TRAFFIC SIGNAL HEADS IN ACCORDANCE WITH THE FOLLOWING SKETCH.

