

MAINTENANCE OF TRAFFIC NOTES

CALCULATED
APG
CHECKED
GA

TRAFFIC CONTROL MATERIALS

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 THE APPROVAL OF THE ENGINEER PRIOR TO THE START OF THE PROJECT.

B. SIGN SUPPORTS

TEMPORARY SIGN SUPPORTS SHALL BE AS SHOWN ON MT-105.10M AND MT-105.11M

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 50 FT. 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. SMALL BARRICADES

TYPE II BARRICADES MAY BE USED INSTEAD OF DRUMS TO CLOSE LANES WHERE REQUIRED FOR RESURFACING. THESE SHALL BE 36" HIGH AND 12" WIDE. NEAR THE TOP OF THE BARRICADE THERE SHALL BE A PANEL WITH ALTERNATE ORANGE AND REFLECTORIZED WHITE 6" WIDE STRIPS. THIS PANEL SHALL BE AT LEAST 12" WIDE AND 24" HIGH. THE BARRICADE SHALL BE OF SUFFICIENT STABILITY SO THAT WIND OR TRAFFIC AIR TURBULENCE SHALL NOT UPSET THEM. BARRICADES SHALL BE IN ACCORDANCE WITH PERTINENT SECTIONS OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

E. LIGHTING DEVICES

FLASHERS SHALL BE 12 VOLT BATTERY MODELS WITH 7" DIAMETER YELLOW LENSES ILLUMINATED BY RAPID INTERMITTENT FLASHES 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" DIAMETER YELLOW LENSES.

PLAN OF OPERATIONS AND PROTECTION

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 WITHIN PRIOR APPROVAL OF THE ENGINEER. COSTS FOR PROTECTION OF THE PUBLIC SHALL BE INCLUDED WITH THE REMOVAL ITEM FOR PAYMENT.

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 - MAINTAINING TRAFFIC.

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

PORTABLE CHANGEABLE MESSAGE SIGN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE A PORTABLE CHANGEABLE MESSAGE SIGN WHENEVER TRAFFIC IS TO BE STOPPED OR DETOURED OFF THE FREEWAY. THE SIGN SHALL BE OF THE TYPE SHOWN ON A LIST OF APPROVED P.C.M.S. UNITS MAINTAINED BY THE DIRECTOR. THE SIGN SHALL BE A CLASS I OR II. THE INTENT OF HAVING THE P.C.M.S. IS TO GIVE ADVANCE WARNING TO MOTORIST OF A STOPPAGE AHEAD. THE ENGINEER WILL DIRECT THE PLACEMENT AND THE MESSAGES.

THE PAYMENT FOR THE P.C.M.S. IS TO BE INCLUDED IN THE ITEM 614 - MAINTAINING TRAFFIC, LUMP SUM. NO OTHER PAYMENT WILL BE MADE FOR P.C.M.S.

GUARDRAIL REPLACEMENT

NO HAZARD SHALL BE LEFT UNPROTECTED EXCEPT FOR THE ACTUAL TIME NECESSARY TO REMOVE THE EXISTING GUARDRAIL, PREPARE THE SITE, AND INSTALL NEW GUARDRAIL IN A CONTINUOUS OPERATION. THE REMOVAL OF ALL GUARDRAIL SHALL BE AT ALL TIMES BE AS DIRECTED BY THE ENGINEER. NO GUARDRAIL SHALL BE REMOVED UNTIL THE REPLACEMENT GUARDRAIL IS ON THE SITE, READY FOR INSTALLATION. FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE DEEMED SUFFICIENT CAUSE TO ORDER WORK SUSPENDED UNTIL SUCH TIME AS THE ENGINEER IS ASSURED OF COMPLIANCE.

LIQUIDATED DAMAGES/INTERIM COMPLETION REQUIREMENTS

THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS AND INCREASE HIS WORK FORCE AS NECESSARY SO AS TO COMPLETE ALL ITEMS OF WORK WHICH REQUIRE THE PERMANENT CLOSING OF THE BRIDGE ROADWAY TO TRAFFIC WITHIN THE TIME RESTRICTIONS AS STATED IN THE PLANS.

IN LIEU OF THE SCHEDULE OF LIQUIDATED DAMAGES FOUND IN SECTION 108.07 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, THE DEPARTMENT SHALL ASSESS \$3,500.00 IN LIQUIDATED DAMAGES FOR EACH CALENDAR DAY BEYOND THE INTERIM COMPLETION DATE THAT THE SPECIFIED WORK REMAINS UNCOMPLETED.

FURTHER, WITH RESPECT TO SECTION 108.06 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, THE CONTRACTOR IS HEREBY ADVISED THAT FOR PURPOSES OF THIS INTERIM COMPLETION DATES, THIS SPECIFICATION SHALL BE STRICTLY INTERPRETED AND RIGIDLY FOLLOWED, WITH THE FOLLOWING MODIFICATIONS:

A) WRITTEN SUBSTANTIATED REQUESTS FOR EXTENSIONS OF TIME SHALL BE SENT TO THE OFFICE OF THE DIRECTOR NOT LATER THAN FIFTEEN (15) DAYS FOLLOWING THE TERMINATION OF EACH DELAY. FAILURE TO FOLLOW THIS REQUIREMENT PROPERLY SHALL RESULT IN THE DENIAL OF THE REQUEST FOR EXTENSION OF TIME. WHEN SUBMITTED PROPERLY, THE DIRECTOR SHALL GIVE IMMEDIATE CONSIDERATION TO THE REQUEST.

B) APPROVAL OF A TIME EXTENSION BY THE DIRECTOR SHALL BE GRANTED ONLY WHEN A DELAY HAS RESULTED DUE TO THE OCCURRENCE OF AN EXTRAORDINARY CIRCUMSTANCE BEYOND THE CONTROL OF THE CONTRACTOR. NO EXTENSIONS OF TIME SHALL BE GRANTED FOR: DELAYS IN MATERIAL DELIVERIES UNLESS SUCH DELAYS ARE INDUSTRY-WIDE AND LABOR STRIKES UNLESS SUCH STRIKES ARE AREA-WIDE.

IT IS ANTICIPATED BY THE DEPARTMENT THAT IN ORDER FOR THE CONTRACTOR TO MEET THE FOLLOWING INTERIM COMPLETION DATE(S) HE MUST USE ALL MEANS POSSIBLE, INCLUDING, BUT NOT LIMITED TO: MULTIPLE SHIFTS, TWENTY-FOUR (24) HOURS, SEVEN (7) DAYS A WEEK SCHEDULING WHERE LEGALLY PERMISSIBLE OR NOT PROHIBITED ELSEWHERE IN THE PROPOSAL OR PLANS; ADDITIONAL CREWS; LIGHTING FOR NIGHT WORK AGAIN, WHERE LEGALLY PERMISSIBLE, OR NOT PROHIBITED ELSEWHERE IN THE PROPOSAL OR PLANS); MULTIPLE MATERIAL SOURCES; AND ANY OTHER PERMISSIBLE MEANS AVAILABLE.

THE FOLLOWING WORK SHALL BE COMPLETED BY THE DATE SHOWN WHICH SHALL BE CONSIDERED THE INTERIM COMPLETION DATE.

ALL WORK WHICH REQUIRES THE CLOSING OF THE BRIDGE AND ROADWAY TO TRAFFIC SHALL BE COMPLETED WITHIN SIXTY-FIVE (65) CALENDAR DAYS AT WHICH TIME ALL LANES SHALL BE AVAILABLE TO TRAFFIC.

CONTRACT ADMINISTRATION

THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING TO BE HELD ON A DATE NOT TO EXCEED THIRTY (30) DAYS AFTER THE CONTRACT IS SIGNED BY THE DIRECTOR. THE MEETING SHALL BE SCHEDULED THROUGH THE DISTRICT 12 CONSTRUCTION OFFICE. THE CONTRACTOR SHALL HAVE ALL REQUIRED DOCUMENTATION (I.E. PROGRESS SCHEDULE, LIST OF APPROVED SUBCONTRACTORS, APPROVED MATERIAL SOURCES, ETC...) PREPARED BY THE PRE-CONSTRUCTION MEETING DATE.

PROGRESS SCHEDULE

THE PRECONSTRUCTION MEETING SHALL BE HELD NO LATER THAN 30 CALENDAR DAYS AFTER THE CONTRACT IS SIGNED. THE CONTRACTOR SHALL SUBMIT THEIR PROPOSED CPM SCHEDULE AT THE PRECONSTRUCTION MEETING FOR REVIEW BY THE CONSTRUCTION ENGINEER. WRITTEN COMMENTS REGARDING THE CPM SCHEDULE WILL BE FORWARDED TO THE CONTRACTOR BY THE CONSTRUCTION ENGINEER WITHIN 14 CALENDAR DAYS AFTER THE PRECONSTRUCTION MEETING.

A FINAL CPM SCHEDULE SHALL BE SUBMITTED TO THE CONSTRUCTION ENGINEER WITHIN 30 CALENDAR DAYS FROM THE DATE OF THE PRECONSTRUCTION MEETING BUT AT LEAST SEVEN (7) CALENDAR DAYS PRIOR TO THE DATE DESIGNATED AS THE STARTING DATE IN THE CPM SCHEDULE. THE SCHEDULE SHALL BE SIGNED AND DATED BY THE PRIME CONTRACTOR AND NAMED SUBCONTRACTORS.

ADJUSTMENTS IN CONTRACT TIME

TIME EXTENSIONS WILL ONLY BE CONSIDERED WHEN THE CONTROLLING ITEMS OF WORK ON THE APPROVED CPM SCHEDULE ARE AFFECTED DUE TO NO FAULT OF THE CONTRACTOR.

WHEN ADDITIONAL WORK IS REQUIRED, TIME EXTENSIONS WILL ONLY BE GRANTED FOR CONTROLLING ITEMS ON THE CPM SCHEDULE.

PROJECT PROGRESS MEETINGS

PROGRESS MEETINGS WILL BE HELD EVERY FOUR (4) WEEKS AT THE PROJECT OFFICE, OR OTHER LOCATION DESIGNATED BY THE PROJECT ENGINEER, AND ATTENDED BY ODOT AND CONTRACTOR DECISION-MAKING PERSONNEL.

THE PURPOSE OF THESE MEETINGS WILL BE TO DISCUSS CRITICAL OPERATIONS AND POTENTIAL PROBLEMS. ALSO THE CONTRACTOR WILL CONFIRM THE NUMBER AND DURATION OF WORK SHIFTS, NUMBER OF WORK CREWS, AND SPECIFIC PORTIONS OF THE WORK TO BE PERFORMED DURING THE FOLLOWING WEEKS.

THESE MEETINGS CAN ONLY BE WAIVED BY THE PROJECT ENGINEER.

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.

MAINTENANCE OF TRAFFIC NOTES

LAK-90-26.87

8
54