

MAINTENANCE OF TRAFFIC

NOTIFICATION

THE CONTRACTOR SHALL CONDUCT HIS OPERATION AS TO CONSTRUCT THE PROPOSED IMPROVEMENT WITH A MINIMUM OF HAZARD, DELAY & 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. S.R.615 SOUTHBOUND TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON S.R.615 BETWEEN S.R.84 AND US 20. NORTHBOUND S.R.615 SHALL BE DETOURED FOR THE LENGTH OF THE PROJECT AS SHOWN ON SHEET No.34

THE CITY OF MENTOR POLICE, FIRE & PUBLIC WORKS DEPARTMENTS & THE MENTOR EXEMPTED VILLAGE BOARD OF EDUCATION SHALL BE NOTIFIED AT LEAST TWO (2) WEEKS PRIOR TO THE ACTUAL START OF CONSTRUCTION BY THE CONTRACTOR.

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CITY OF MENTOR FIRE DEPARTMENT JOHN D. PREUER, CHIEF	(440) 255-1215
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MENTOR EXEMPTED VILLAGE BOARD OF EDUCATION DR. BROSKI SUPERVISOR OF TRANSPORTATION	(440) 255-4444

SYSTEM FOR MAINTAINING TRAFFIC

WHENEVER ANY TRAVELED SURFACE IS BEING WORKED ON OR OTHERWISE NOT SUITABLE FOR SAFE & CONVENIENT USE BY VEHICLES, TRAFFIC CONTROL DEVICES SUFFICIENT TO PROTECT SUCH AREAS & TO ASSURE THE SAFE PASSAGE OF VEHICULAR TRAFFIC SHALL BE INSTALLED & MAINTAINED. SUCH TRAFFIC CONTROL DEVICES & THE MANNER IN WHICH THEY ARE USED SHALL BE CONSISTENT WITH THESE PLANS & THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & 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/SHE 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 THROUGH THE TRAFFIC CONTROL.

TRAFFIC CONTROL DEVICES SHALL BE SET UP PRIOR TO THE START OF CONSTRUCTION & SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED & 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 MESS AGES WHICH DO NOT APPLY DURING A CERTAIN PERIOD SHALL BE COVERED OR SET ASIDE OUT OF THE VIEW OF TRAFFIC.

ADVANCED 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.

PROTECTION OF PUBLIC

THE CONTRACTOR SHALL SUBMIT TO THE DIRECTOR A COMPLETE SCHEDULE OF CONSTRUCTION OPERATIONS ALONG WITH PLANS DETAILING & ILLUSTRATING HIS/HER PROPOSED METHODS FOR PROTECTING VEHICULAR TRAFFIC FOR ALL PHASES OF CONSTRUCTION. THESE PLANS MUST BE SUBMITTED & APPROVED PRIOR TO COMMENCING ANY WORK. NO WORK SHALL BE STARTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

SHOULD THE CONTRACTORS' PLANS FOR PUBLIC PROTECTION BE DEEMED INADEQUATE BY THE ENGINEER, ADDITIONAL CLOSURES AND/OR DIVERSIONS WILL BE REQUIRED AT NO COST TO THE STATE.

RESTRICTIONS

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

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

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

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER NOTIFICATION TO AND COORDINATION WITH THE CITY OF MENTOR POLICE DEPARTMENT & FOR ALL COSTS ASSOCIATED WITH LAW ENFORCEMENT PERSONNEL ASSISTANCE. SEE ADDITIONAL NOTES REGARDING ITEM SPECIAL-TRAFFIC SIGNALS.

CONDITIONS

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 & THE MINIMUM LANE WIDTHS MAINTAINED SHALL BE AS INDICATED ON THE MAINTENANCE OF TRAFFIC SHEETS.

FAILURE TO COMPLY

IF THERE IS ANY FAILURE TO COMPLY WITH PROVISIONS FOR TRAFFIC CONTROL SET OUT IN THESE PLANS & NOTES, OR WITH THE PROVISIONS OF THE MANUAL, THE HIGHWAY IN THE VICINITY OF THE WORK AREA SHALL BE CONSIDERED IN A CONDITION UNACCEPTABLE FOR THE SAFE & CONVENIENT USE BY THE TRAVELING PUBLIC. ANY FAILURE TO KEEP THE HIGHWAY IN THE VICINITY OF THE WORKING AREA IN A CONDITION ACCEPTABLE FOR THE SAFE & CONVENIENT USE BY THE TRAVELING PUBLIC SHALL BE CONSIDERED A BREACH OF THIS CONTRACT. WORK SHALL BE SUSPENDED UNTIL THE CONTRACTOR COMPLIES WITH THE PROVISIONS OF THE AFOREMENTIONED ITEMS.

NOTICE OF CLOSURE SIGNS

THESE SIGNS (OC-60A) SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. THE SIGNS SHALL BE ERECTED ON THE RIGHT HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE LOCATED IN THE FIELD AT THE POINT OF CLOSURE SO AS NOT TO INTERFERE WITH ANY PERMANENT SIGNS.

PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC AND SHALL INCLUDE FURNISHING, ERECTING, MAINTAINING AND REMOVING THE SIGNS INCLUDING SUPPORTS.



OC-60A
SIGN DETAIL

SIGN SUPPORTS

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

ITEM 630-SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS PER PLAN

WHEN ADDITIONAL SIGNING IS NEEDED TO MAINTAIN TRAFFIC THE CONTRACTOR SHALL FURNISH THE SIGN OR SIGNS AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE GROUND MOUNTED AND MEET ALL THE SPECIFICATIONS OF THE PLAN, PROPOSAL AND CURRENT YEAR STATE OF OHIO, DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS.

PAYMENT FOR THIS ITEM SHALL INCLUDE BUT NOT BE LIMITED TO THE COST TO FURNISH THE SIGN, ERECT IT, INCLUDING DRIVE POSTS OR OTHER APPROVED METHOD OF SUPPORT, MAINTAIN IT, AND REMOVE IT.

PAYMENT SHALL BE BY SQUARE FOOT.

ITEM 630 - SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS PER PLAN - 750 SQ. FT.

WORK ZONE PAVEMENT MARKINGS

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

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 12 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

TRAFFIC CONTROL DEVICES LOCATED OUTSIDE OF THE LIMITS OF CONSTRUCTION

IN ADDITION TO THE REQUIREMENTS OF 614.03 (B) OF THE CMS, THE CONTRACTOR SHALL 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.

ITEM 614-MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION 614. TWO WAY TRAFFIC ON S.R.84 & ONE-WAY TRAFFIC ON S.R.615 SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, TEMPORARY PAVEMENT & COMPLETED PERMANENT PAVEMENT. THE LIMITS & DURATION OF USE OF TEMPORARY PAVEMENT SHALL BE HELD TO AN ABSOLUTE MINIMUM & IN ALL CASES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

ONE WAY TRAFFIC SHALL BE MAINTAINED FOR ACCESS TO PARTICULAR SIDE STREETS AS DETAILED IN THE CONSTRUCTION SEQUENCE NOTES ON SHEET No.17 AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, THE COMPLETE PERMANENT & TEMPORARY PAVEMENT SURFACED WITH 410 AGGREGATE & STABILIZED WITH ITEM 616 CALCIUM CHLORIDE. THE LIMITS & USE OF THE TEMPORARY ROADWAYS SHALL BE HELD TO AN ABSOLUTE MINIMUM & IN ALL CASES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. SEE SHEET 18 FOR TEMPORARY PAVEMENT CALCULATIONS AND QUANTITIES.

ACCESS SHALL BE MAINTAINED AT ALL TIMES TO ALL ABUTTING PROPERTIES BY USE OF THE EXISTING DRIVEWAY, PARKING LANE OR COMPLETED PERMANENT DRIVEWAY. TEMPORARY DRIVEWAYS SHALL BE SURFACED WITH 410 AGGREGATE GATE & STABILIZED WITH ITEM 616 CALCIUM CHLORIDE. THE LIMITS & USE OF TEMPORARY DRIVEWAYS SHALL BE HELD TO AN ABSOLUTE MINIMUM & IN ALL CASES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 410 - TRAFFIC COMPACTED SURFACE TYPE A OR B	1,000 C.Y.
ITEM 614 - BITUMINOUS CONCRETE FOR MAINTAINING TRAFFIC	50 C.Y.
ITEM 616 - CALCIUM CHLORIDE	20 TON
ITEM 616 - WATER	200 M-GAL.

SEPARATE PAYMENT SHALL BE MADE FOR ITEMS 404, 410 & 616 NOTED ABOVE. SEPARATE PAYMENT SHALL ALSO BE MADE FOR ITEM 614 - WORK ZONE & TEMPORARY PAVEMENT MARKINGS, ITEM 615 - TEMPORARY PAVEMENT, ITEM 615 - TEMPORARY ROADS & ITEM SPECIAL-TRAFFIC SIGNALS. REPLACEMENT SIGNS AND DRUMS SHALL BE INCLUDED IN ITEM 614 - MAINTAINING TRAFFIC. ALL OTHER WORK REQUIRED FOR TRAFFIC MAINTENANCE SHALL BE INCLUDED WITH PAYMENT FOR ITEM 614 - MAINTAINING TRAFFIC.

ACCESS TO INTERSECTING STREETS

WHEN INTERSECTING STREETS ARE CLOSED AT ROUTE 615 OR REDUCED TO ONE WAY ACCESS, AS DESCRIBED IN THE SEQUENCE OF OPERATIONS, THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, & SUBSEQUENTLY REMOVE, UPON COMPLETION OF THE WORK, SIGNS & BARRICADES FOR THE PURPOSE OF PROVIDING ADVANCE WARNING OF SUCH CLOSING OR REDUCTIONS. REDUCTION TO ONE WAY ACCESS SHALL BE MAINTAINED AS PER THE PHASE CONSTRUCTION DETAILS SHOWN ON SHEET No.30. THE CONTRACTOR SHALL NOTIFY THE POLICE, FIRE, & SERVICE DEPARTMENTS OF MENTOR AT LEAST 72 HOURS BEFORE CLOSING OR REDUCING ACCESS TO ANY STREETS.

PAYMENT FOR LABOR & EQUIPMENT REQUIRED FOR THE CONSTRUCTION, MAINTENANCE & SUBSEQUENT REMOVAL OF APPROACHES, BY-PASSES, DRIVEWAYS, BARRICADES, LIGHTS, TEMPORARY TRAFFIC DELINEATIONS, FLAGGERS, SIGNS & SIGN SUPPORTS SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 - MAINTAINING TRAFFIC.