

MAINTENANCE OF TRAFFIC

CALC. BY V.L.W.
DATE 2/20/95
CHKD BY WDB
DATE 2/22

LAK - 283 - 7.97

OHIO
FHWA REGION 5

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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 TWO (2) WEEKS PRIOR TO THE ACTUAL START OF CONSTRUCTION BY THE CONTRACTOR.

CITY OF MENTOR POLICE DEPARTMENT
RICHARD A. AMIOTT, CHIEF (440)974-5760

CITY OF MENTOR FIRE DEPARTMENT
JOHN D. PREUR, CHIEF (440)974-5765

CITY OF MENTOR DEPARTMENT OF PUBLIC WORKS
MATHEW SCHWEIKERT, ACTING DIRECTOR (440)974-5780

MENTOR EXEMPTED VILLAGE BOARD OF EDUCATION
DIRECTOR OF TRANSPORTATION (216)255-4444

ITEM 614 - MAINTAINING TRAFFIC

ONE LANE OF PAVEMENT IN EACH DIRECTION SHALL BE KEPT OPEN AT ALL TIMES TO MAINTAIN TRAFFIC EXCEPT AS PROVIDED HEREIN. LOCAL TRAFFIC ACCESS SHALL BE PROVIDED AT ALL TIMES.

FOR ALL OPERATIONS WHICH REQUIRE A LANE CLOSURE, TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING MT-97.10 OR MT-97.11 FOR PAVING OPERATIONS.

THE CONTRACTOR SHALL SCHEDULE FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT OPERATIONS SO THAT THE NEW PAVEMENT PATCH CAN BE OPENED TO TRAFFIC AT THE END OF THE WORKING DAY.

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

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 FOR 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. ALSO THE CONTRACTOR SHALL PROVIDE SUFFICIENT ADDITIONAL BARRICADES, ETC. TO PROTECT THE FRESH CONCRETE DURING THE CURING PERIOD FROM ANY VEHICLES WHICH DRIVE AROUND OR THROUGH THE TRAFFIC CONTROL.

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.

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 3 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.

TEMPORARY TRAFFIC MARKINGS

THE ROADWAY SHALL NOT BE OPENED TO TRAFFIC UNTIL EITHER THE PERMANENT OR TEMPORARY PAVEMENT MARKINGS ARE IN PLACE. THE FOLLOWING TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER:

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| ITEM 614 - TEMPORARY CENTER LINE, CLASS I, 642 PAINT | 3 MILES |
| ITEM 614 - TEMPORARY CENTER LINE, CLASS I, 740.06, TYPE I | 0.25 MILES |
| ITEM 614 - TEMPORARY EDGE LINE, CLASS I, 642 PAINT | 5.5 MILES |
| ITEM 614 - TEMPORARY EDGE LINE, CLASS I, 740.06, TYPE I | 1.0 MILES |
| ITEM 614 - TEMPORARY CHANNELIZING LINE, CLASS I, 740.06, TYPE I | 2,640 LIN. FT. |
| ITEM 614 - TEMPORARY DOTTED LINE, CLASS I, 740.06, TYPE I | 500 LIN. FT. |
| ITEM 614 - TEMPORARY STOP LINE, CLASS I, 642 PAINT | 500 LIN. FT. |
| ITEM 614 - TEMPORARY STOP LINE, CLASS I, 740.06, TYPE I | 100 LIN. FT. |
| ITEM 614 - TEMPORARY CROSSWALK LINE, CLASS I, 642 PAINT | 1700 LIN. FT. |
| ITEM 614 - TEMPORARY CROSSWALK LINE, CLASS I, 740.06, TYPE I | 500 LIN. FT. |
| ITEM 614 - TEMPORARY LANE ARROW, CLASS I, 642 PAINT | 2 EACH |
| ITEM 614 - TEMPORARY LANE ARROW, CLASS I, 740.06, TYPE I | 8 EACH |
| ITEM 614 - TEMPORARY PAVEMENT MARKING MISC.: BIKE LANE DIAMOND SYMBOL, CLASS I, 642 PAINT (WHITE) | 30 EACH |

- ALL 642 PAINT ITEMS TO BE USED ON ASPHALT PAVEMENT.
- ALL 740.06 ITEMS TO BE USED ON CONCRETE PAVEMENT.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER AND CALCIUM CHLORIDE FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

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| ITEM 616 - WATER | 100 M. GAL. |
| ITEM 616 - CALCIUM CHLORIDE | 10 TONS |