

MAINTENANCE OF TRAFFIC

TRAFFIC CONTROL INSPECTOR

THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL, OTHER THAN THE SUPERINTENDENT AND SUBJECT TO THE APPROVAL OF THE ENGINEER, TO CONTINUOUSLY INSPECT ALL TRAFFIC CONTROL DEVICES WHENEVER CONSTRUCTION WORK IS BEING PERFORMED WITHIN THE WORK LIMITS OF THE PROJECT. THE DESIGNATED INDIVIDUAL SHALL ALSO INSPECT ALL TRAFFIC DEVICES AT THE BEGINNING AND AT THE END OF EACH WORK DAY. THE DESIGNATED INDIVIDUAL OR A QUALIFIED REPRESENTATIVE SHALL ALSO BE AVAILABLE ON AN AROUND THE CLOCK BASIS TO REPAIR AND/OR REPLACE DAMAGED OR MISSING TRAFFIC CONTROL DEVICES. THESE INDIVIDUALS SHALL BE EQUIPPED WITH CELLULAR PHONES AND THEIR NAMES AND PHONE NUMBERS SHALL BE GIVEN TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION MEETING. THE DESIGNATED INDIVIDUAL MAY HAVE OTHER CONSTRUCTION RELATED DUTIES AS LONG AS IMMEDIATE ATTENTION IS GIVEN TO TRAFFIC CONTROL. PAYMENT FOR THE SERVICES OF THE TRAFFIC CONTROL INSPECTOR SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

ITEM 614 - MAINTENANCE OF TRAFFIC, AS PER PLAN

THE MAKING OF THIS IMPROVEMENT REQUIRES THAT CLEVELAND MASSILLON ROAD BE CLOSED TO THROUGH TRAFFIC DURING NORMAL WORK HOURS ONLY FOR ROCK EXCAVATION OPERATIONS BETWEEN STA. 583+36 AND STA. 592+00. DETOUR SHALL BE AS SHOWN ON SHEET 13. LOCAL ACCESS FOR ABUTTING PROPERTIES AND ADJACENT STREETS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF PARTIAL WIDTH CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR PROVIDING AND MAINTAINING LIGHTS, SIGNS, AND BARRICADES FOR THE MAINTENANCE OF TRAFFIC AND SAFETY OF HIS WORK AT ALL THE LOCATIONS SHOWN ON THESE PLANS AND AS MAY BE UTILIZED IN CONFORMANCE WITH THE STATE OF OHIO "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION, LATEST REVISION AND OR AS DIRECTED BY THE ENGINEER.

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:

1. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC THROUGH THE WORK ZONE AT ALL TIMES. A MINIMUM OF ONE TEN FOOT LANE IN EACH DIRECTION SHALL BE MAINTAINED ON THE EXISTING PAVEMENT, COMPLETED PAVEMENT, AND TEMPORARY PAVEMENT DURING CONSTRUCTION OF THE WORK. THIS SHALL BE ACCOMPLISHED THROUGH THE USE OF APPROPRIATE SIGNS AND FLAGGERS DURING ACTIVE PERIODS OF WORK.
2. THE CONTRACTOR SHALL INFORM THE SCEO AT (330) 643-2850, SEVEN (7) DAYS PRIOR TO COMMENCING WORK.
3. CONES SHALL NOT BE ACCEPTABLE TRAFFIC CONTROL DEVICES FOR LANE RESTRICTIONS OR LANE REDUCTIONS THAT ARE IN OPERATION ONE-HALF HOUR AFTER SUNSET OR ONE-HALF HOUR BEFORE SUNRISE. ALL NIGHTTIME LANE RESTRICTIONS SHALL REQUIRE DRUMS OR BARRICADES AT A MAXIMUM SPACING OF FIFTY (50) FEET. WEIGHTED CHANNELIZERS MAY BE USED IN ACCORDANCE WITH THE ADDITIONAL NOTE HEREIN.
4. LANE RESTRICTIONS OR LANE REDUCTIONS SHALL NOT BE PERMITTED AFTER NORMAL WORKING HOURS. NORMAL WORKING HOURS SHALL BE THOSE HOURS DURING WHICH THE CONTRACTOR HAS A FULL COMPLEMENT OF EMPLOYEES AND EQUIPMENT ACTIVELY REMOVING AND/OR PLACING PAVEMENT MATERIALS.
5. THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN, AND SUBSEQUENTLY REMOVE ALL FLAGS, BARRICADES, SIGNS, SIGN SUPPORTS, AND FURNISH AND MAINTAIN ALL FLAGGERS, WATCHERS, AND INCIDENTALS RELATED THERETO AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES INCLUDING TYPE III BARRICADES. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES USED FOR THIS PROJECT SHALL CONFORM TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.

6. EXISTING TRAFFIC CONTROL DEVICES, LOCATED WITHIN THE WORK AREA, WHICH ARE REQUIRED FOR INTERIM OR PERMANENT TRAFFIC CONTROL, SHALL BE RELOCATED TO POINTS APPROVED BY THE ENGINEER. APPROPRIATE TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED, IN COMPLIANCE WITH THE MANUAL, AT ALL TIMES WHILE TRAFFIC IS MAINTAINED. THE COST OF RELOCATION, IF REQUIRED, SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 - MAINTAINING TRAFFIC, AS PER PLAN.

7. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS, SUCH AS TYPE III BARRICADES, LIGHTING, FLAGGERS, AND SUCH OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN ITEM 614, MAINTAINING TRAFFIC, SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE ROADWAY DURING CONSTRUCTION.

8. THE CONTRACTOR SHALL MAINTAIN SAFE AND SATISFACTORY ACCESS TO ABUTTING PROPERTY. WHEN DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN TRAFFIC AT ALL TIMES THROUGH THE WORK ZONE.

9. ALL FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT OPERATIONS SHALL BE COMPLETED THE SAME DAY THE EXCAVATION IS MADE. IF THE CONTRACTOR CANNOT COMPLETE THE WORK, THE EXCAVATION SHALL BE BACKFILLED OR PROTECTED IN CONFORMANCE WITH THE SCEO CONSTRUCTION ZONE POLICY.

10. AT THE END OF EACH WORK DAY AND AT ALL TIMES THE CONTRACTOR IS NOT ENGAGED IN CONSTRUCTION ACTIVITIES, BOTH LANES OF TRAFFIC SHALL BE OPEN TO TRAFFIC. SHOULD THE CONTRACTOR BE UNABLE TO OPEN BOTH LANES OF TRAFFIC AT THE END OF EACH WORKDAY, HE SHALL MAINTAIN TWO-WAY TRAFFIC AS OUTLINED ABOVE OR SUBMIT AN ALTERNATE METHOD OF MAINTAINING TRAFFIC FOR APPROVAL BY THE ENGINEER.

11. IN ADDITION TO THE REQUIREMENTS OF 614.11 WORK ZONE PAVEMENT MARKINGS, AT THE END OF EACH DAY OF WORK, THE CONTRACTOR SHALL REPLACE (WITH WORK ZONE MARKINGS) ALL CENTER, STOP, OR CHANNELIZING LINES THAT WERE REMOVED OR COVERED DURING THE PAVEMENT REMOVAL OR PLACEMENT OPERATIONS. QUANTITIES FOR SUCH PLACEMENT ARE CARRIED AS PART OF THE ITEMS LISTED UNDER 614 WORK ZONE PAVEMENT MARKINGS.

12. A QUANTITY OF 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC SHALL BE PROVIDED FOR USE IN MAINTAINING PAVEMENT, SHOULDERS, TRANSITION FOR INTERSECTING STREETS AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.

13. PRIOR TO OPENING TO TRAFFIC EACH LANE SHALL BE IN A SAFE, PASSABLE CONDITION. ALL TRANSVERSE JOINTS SHALL EXTEND ACROSS THE FULL LANE AND SHOULDER WIDTH AND EACH LANE SHALL BE FREE FROM UNEVEN LONGITUDINAL JOINTS. THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGES FOR TRANSVERSE JOINTS WHEREVER THERE ARE PAVEMENT ELEVATION DIFFERENCES.

14. THE LENGTH AND DURATION OF LANE CLOSURES AND/OR TRAFFIC RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. THE INTENT IS TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

15. THE CONTRACTOR'S EQUIPMENT SHALL BE OPERATED IN A MANNER SUCH THAT VEHICULAR INGRESS AND EGRESS SHALL BE PROVIDED AT ALL TIMES FOR PROPERTIES ADJACENT TO THE WORK.

16. THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN STANDARD 48 X 30 INCH R11-2 (ROAD CLOSED) SIGNS, SIGN SUPPORTS, BARRICADES, AND LIGHTS, AS DETAILED IN ODOT SCD MT-101.60 AT THE LOCATIONS INDICATED ON THE DETOUR PLAN DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC. THIS APPLIES TO THE NECESSARY ROCK EXCAVATION WORK BETWEEN STA. 583+36 AND STA. 592+00. ROADWAY IS TO BE RE-OPENED TO TWO-WAY TRAFFIC AT THE END OF EACH WORK DAY.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR 614 - MAINTAINING TRAFFIC, AS PER PLAN, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ITEM 614 -MAINTAINING TRAFFIC, LUMP SUM
AS PER PLAN

ESTIMATED QUANTITIES FOR THE MAINTENANCE OF TRAFFIC

ITEM 410 -TRAFFIC COMPACTED SURFACE, TYPE A OR B, AS PER PLAN	200 CY
ITEM 614 -PORTABLE CHANGEABLE MESSAGE SIGN	6 SNMT
ITEM 614 -WORK ZONE CENTER LINE, CLASS I, 642 PAINT	3.00 MI
ITEM 614 -WORK ZONE EDGE LINE, CLASS I, 4", 624 PAINT	6.00 MI
ITEM 614 -WORK ZONE STOP LINE, CLASS I, 642 PAINT	75 FT
ITEM 614 -ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	50 CY
ITEM 616 -WATER	50 MGAL

USE OF SLAG IS NOT PERMITTED FOR CMS ITEM 410 MATERIAL.

ADVANCED NOTICE TO PAVE

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE CONSTRUCTION ENGINEER A DETAILED SCHEDULE 15 DAYS PRIOR TO THE PLACEMENT OF ASPHALT CONCRETE, ON HOW THEY PROPOSE TO EXECUTE PAVING OPERATIONS. THE DETAILS SHALL SHOW THE ORDER OF PERFORMANCE FOR EACH STAGE (START TO FINISH) OF THE WORK INCLUDING THE MAINTENANCE OF TRAFFIC TO BE UTILIZED.

ALTERNATE MAINTENANCE OF TRAFFIC PLANS

IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THE INTENT OF THE ABOVE PROVISIONS ARE FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS. NO ALTERNATE PLANS SHALL BE PLACED IN EFFECT UNTIL APPROVAL HAS BEEN GRANTED IN WRITING BY THE SCEO.

NOTIFICATION

THE CONTRACTOR SHALL NOTIFY IN WRITING THE FOLLOWING AGENCIES AT LEAST TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION, AND AT LEAST 72 HOURS BEFORE IMPLEMENTING ANY SUBSTANTIAL CHANGE IN TRAFFIC PATTERN OR CLOSING ANY STREET TO TRAFFIC:

THE SUMMIT COUNTY ENGINEER'S OFFICE
THE OHIO DEPARTMENT OF TRANSPORTATION - DISTRICT 4 - PUBLIC INFORMATION OFFICE

THE SUMMIT COUNTY BOARD OF DEVELOPMENTAL DISABILITIES
THE SUMMIT METRO PARKS
THE UNITED STATES POSTAL SERVICE
THE COPLEY TOWNSHIP POLICE DEPARTMENT
THE COPLEY TOWNSHIP FIRE DEPARTMENT
THE COPLEY TOWNSHIP SERVICE DEPARTMENT
THE COPLEY-FAIRLAWN CITY SCHOOLS
THE REVERE LOCAL SCHOOLS
THE HIGHLAND LOCAL SCHOOLS
THE AKRON PUBLIC SCHOOLS

ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)

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

CHRISTMAS	FOURTH OF JULY
NEW YEAR'S	LABOR DAY
MEMORIAL DAY	THANKSGIVING

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:

DAY OF HOLIDAY OR EVENT TIME ALL LANES MUST BE OPEN TO TRAFFIC

SUNDAY	12:00N	FRIDAY THROUGH 6:00 AM	MONDAY
MONDAY	12:00N	FRIDAY THROUGH 6:00 AM	TUESDAY
TUESDAY	12:00N	MONDAY THROUGH 6:00 AM	WEDNESDAY
WEDNESDAY	12:00N	TUESDAY THROUGH 6:00 AM	THURSDAY
THURSDAY	12:00N	WEDNESDAY THROUGH 6:00 AM	FRIDAY
FRIDAY	12:00N	THURSDAY THROUGH 6:00 AM	MONDAY
SATURDAY	12:00N	FRIDAY THROUGH 6:00 AM	MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE.

CONSTRUCTION TRAFFIC

ALL CONSTRUCTION TRAFFIC SHALL USE ACCEPTABLE TRUCK ROUTES TO ACCESS THE CONSTRUCTION AREA. USE OF LOCAL RESIDENTIAL STREETS IS STRICTLY PROHIBITED UNLESS ALLOWED IN WRITING BY THE LOCAL ENFORCEMENT AUTHORITY.

COVERING OF SIGNS

WHERE THE PLANS CALL FOR A PERMANENT SIGN TO BE COVERED, THE CONTRACTOR SHALL DO SO IN SUCH A MANNER AS TO AVOID DAMAGING THE PERMANENT SIGN WHEN THE COVER IS REMOVED. THE COVER SHALL BE TOTALLY OPAQUE. THE USE OF ADHESIVE TAPE APPLIED DIRECTLY TO A SIGN FACE IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE ALL OF THE "CLOSED" PLAQUES NECESSARY.

ITEM 614 - DETOUR SIGNING, AS PER PLAN

ADVANCE TRAFFIC SIGNING AND SUPPORTS, INCLUDING DETOUR SIGNING, CONSTRUCTION WORK ZONE APPROACH SIGNING, BARRICADES AND SIGNS ON BARRICADES SHOWN ON THE PLANS BEYOND THE WORK LIMITS SHALL BE FURNISHED, ERECTED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR, AND ALL ASSOCIATED COST SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 - DETOUR SIGNING, AS PER PLAN.

FLUORESCENT ORANGE TYPE G SIGN SHEETING SHALL BE USED FOR ALL DETOUR AND CONSTRUCTION WARNING SIGNS.

ITEM 614 -DETOUR SIGNING, AS PER PLAN LUMP SUM

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

DROP-OFFS FOR WORK ZONES

DROP-OFFS FOR WORK ZONES SHALL BE PROVIDED IN ACCORDANCE WITH ODOT STANDARD CONSTRUCTION DRAWING MT-101.90. THE DROP-OFF TREATMENTS SPECIFIED ON THE STANDARD CONSTRUCTION DRAWING SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 - MAINTAINING TRAFFIC, AS PER PLAN.