

ITEM 614, MAINTAINING TRAFFIC (TIME LIMITATION ON A DETOUR)

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 90 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET P.18 . A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$10,000 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT. WORK PERFORMED OUTSIDE OF THE DETOUR TIME PERIOD SHALL BE LIMITED TO WORK NOT IMPACTING EITHER THE EXISTING OR PROPOSED TRAFFIC LANES.

CONSTRUCTION SHALL NOT BEGIN BEFORE AUGUST 1, 2022, AND ALL ROADWAYS MUST BE REOPENED TO TRAFFIC BY NOVEMBER 12, 2022. A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$1,000 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE NOVEMBER 12, 2022 DATE.

THE ROAD CLOSURE AND DETOUR MAY NOT BEGIN UNTIL THE DETOURS FOR THE FOLLOWING NEARBY PROJECTS HAVE ENDED AND ALL ROADWAYS HAVE BEEN REOPENED TO TRAFFIC:

- MED-42/252-6.10/5.51 PID 102624 – SR 252 BRIDGE CLOSED. INTERIM COMPLETION DATE 6/15/22.

- MED-57-17.65, PID 106232 – SR 57 CLOSED FOR 90 DAYS. PROJECT START DATE JANUARY 2022.

THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING, ERECTING, AND MAINTAINING THE DETOUR ROUTE. A 90-DAY DETOUR AND ROAD CLOSURE WILL BE ALLOWED. THE CONTRACTOR WILL COORDINATE THE DETOUR WITH ALL APPROPRIATE EMERGENCY SERVICES AND LOCAL OFFICIALS, INCLUDING THE GRAFTON TOWNSHIP FIRE CHIEF AND ROAD SUPERVISOR AND THE LORAIN COUNTY ENGINEER'S OFFICE.

A MEETING SHALL BE HELD BETWEEN THE CONTRACTOR, ODOT, GRAFTON TOWNSHIP EMERGENCY SERVICES, AND THE LORAIN COUNTY SHERIFF PRIOR TO THE START OF CONSTRUCTION TO COORDINATE EMERGENCY ACCESS AND RESPONSE.

GRAFTON TOWNSHIP FIRE CHIEF & ROAD SUPERVISOR
BOB RICHARDS
17109 AVON BELDEN ROAD (SR 83), GRAFTON, OH 44044
440-926-2354/440-387-2498 (CELL)

LORAIN COUNTY ENGINEER:
KEN CARNEY
247 HADAWAY ST., ELYRIA, OH 44035
(440) 329-5586

LORAIN COUNTY SHERIFF:
SHERIFF PHIL R. STAMMITTI
9896 MURRAY RIDGE ROAD, ELYRIA, OHIO 44035
(440) 329-3709

A 12' WIDE EMERGENCY ACCESS PATH WILL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR. SEE ITEM 615 - ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN, FOR DETAILS.

MAINTAIN ACCESS TO THE GRAFTON HALL SOUTHERN DRIVEWAY (STA. 130+75+/-) FOR THE DURATION OF THE PROJECT. ENSURE THAT THIS DRIVEWAY HAS CLEAR ACCESS TO THE 12' EMERGENCY ACCESS ROAD WHILE THE NORTHERN DRIVEWAY (DRIVE 2, STA. 133+15.50) IS RECONSTRUCTED.

THE CONTRACTOR SHALL REGULARLY COMMUNICATE PROJECT SCHEDULE, PHASING, CLOSURES, EMERGENCY ACCESS CHANGES, AND GENERAL CONSTRUCTION UPDATES TO LOCAL OFFICIALS.

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. AT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE.

NOTICE OF CLOSURE SIGN TIME TABLE:

DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
>=2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
< 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC. COSTS FOR TEMPORARY SURFACES ASSOCIATED WITH THE EMERGENCY ACCESS ROAD SHALL BE PAID FOR SEPARATELY UNDER ITEM 615 - ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN.

- 410 - TRAFFIC COMPACTED SURFACE, TYPE A OR B - 230 CY
- 410 - TRAFFIC COMPACTED SURFACE, TYPE C - 600 CY
- 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC - 50 CY
- 616 - WATER - 17 MGAL

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE LOCATIONS DETAILED ON THE DETOUR PLAN DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 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 ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

MAINTENANCE OF LOCAL DETOUR ROUTE

A LOCAL DETOUR ROUTE, OTHER THAN THE OFFICIAL SIGNED ODOT DETOUR ROUTE, AS NOTED IN THESE PLANS, WILL BE SELECTED BY AGREEMENT BETWEEN ODOT AND LOCAL GOVERNMENTAL AGENCIES PRIOR TO THE HIGHWAY CLOSURE. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST, AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DIRECTED BY THE ENGINEER. THE DESIGNATED LOCAL DETOUR ROUTE IS TO BE REVIEWED AND REPAIRED PRIOR TO THE ASPHALT CONTRACTOR OR SUBCONTRACTOR LEAVING THE PROJECT.

PAYMENT FOR THE WORK NECESSARY TO REPAIR THESE LOCAL ROADS WILL BE PERFORMED BY CHANGE ORDER.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE		
ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

MATERIAL AVAILABILITY

THE CONTRACTOR SHALL SUBMIT A LETTER TO THE ENGINEER WITH THE NOTIFICATION OF TRAFFIC RESTRICTION FOR THE ROAD CLOSURE STATING THAT ALL MATERIALS NECESSARY TO PLACE THE ROADWAY BACK IN SERVICE ARE AVAILABLE FOR THE PROJECT.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER - 30 MGAL

ITEM 614 - BUSINESS ENTRANCE (M4-H15) SIGN, AS PER PLAN

THE BUSINESS ENTRANCE (M4-H15) SIGN SHOULD BE PROVIDED AT EACH TEMPORARILY RELOCATED COMMERCIAL DRIVEWAY FOR WHICH THE RELOCATION IS NOT OBVIOUS TO THE MOTORIST. THE PROJECT ENGINEER SHALL DETERMINE WHETHER OR NOT THE DRIVEWAY RELOCATION IS, OR IS NOT, OBVIOUS AND WHETHER OR NOT A SIGN SHOULD BE PROVIDED. ONLY ONE SIGN PER BUSINESS SHALL BE PERMITTED. THE SIGN SHALL BE 36 INCH X 48 INCH IN SIZE WITH TYPE G OR TYPE H ORANGE RETROREFLECTIVE SHEETING. THE SIGN LEGEND SHALL BE PLACED ON BOTH SIDES OF THE SIGN (BACK TO BACK). THE SIGN SHALL HAVE THE STANDARD M4-H15 LEGEND WITH THE WORD "BUSINESS" ON THE TOP LINE, EXCEPT UNDER UNUSUAL CIRCUMSTANCES WHERE IT MAY NOT BE INTUITIVE THAT A DRIVEWAY SERVES A SPECIFIC BUSINESS. IN SUCH UNUSUAL CASES, THE ACTUAL BUSINESS NAME MAY BE SUBSTITUTED FOR THE WORD "BUSINESS".

THE SIGN SHALL BE MOUNTED ON TWO #3 POSTS OR ON TEMPORARY POSTS IN ACCORDANCE WITH SCD MT-105.10 AND IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. THE SIGN SHALL BE CLEARLY VISIBLE AND SHALL CLEARLY IDENTIFY THE LOCATION OF THE DRIVEWAY. THE SIGN SHOULD BE POSITIONED AT 90 DEGREES TO THE DIRECTION(S) OF TRAFFIC. THE SIGN MAY NEED TO BE MOVED FOR EACH PHASE OF THE MAINTENANCE OF TRAFFIC OPERATIONS.

PAYMENT FOR ALL COSTS ASSOCIATED WITH MANUFACTURING, MOUNTING, RELOCATING, AND REMOVING THE SIGN, INCLUDING ALL LABOR, MATERIALS AND EQUIPMENT SHALL BE INCLUDED IN THE CONTRACT PRICE PER EACH FOR ITEM 614-BUSINESS ENTRANCE SIGN.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR THIS ITEM:

ITEM 614, BUSINESS ENTRANCE SIGN 1 EACH

TEMPORARY DRIVEWAYS

ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT BRIEF CLOSURES WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS.

IN ADVANCE OF A DRIVEWAY CLOSURE, COORDINATE WITH THE OWNER/OCCUPANT TO ESTABLISH A PERMISSIBLE CLOSURE TIME AND DURATION, NOTING ANY SPECIAL NEEDS INVOLVING TRANSPORTATION AND/OR DELIVERY. CONSISTENT WITH THE OWNER/OCCUPANT COORDINATION, EXPEDITIOUSLY RECONNECT THE EXISTING DRIVEWAY WITH THE LOCAL STREET TO PERMIT FULL USAGE OF THE REMAINING PORTION OF THE PARKING AREA, SIDEWALKS, AND/OR GARAGE.

IF A CLOSED DRIVEWAY IS NOT TIMELY REOPENED, THEN PROVIDE A TEMPORARY DRIVEWAY AS DIRECTED BY THE ENGINEER.

TEMPORARY DRIVEWAYS MAY BE CONSTRUCTED WITH ITEM 410 – TRAFFIC COMPACTED SURFACE. ALTERNATIVELY, THE CONTRACTOR MAY USE ITEM 304 – AGGREGATE BASE. TEMPORARY DRIVEWAYS EXCEEDING 12% SHALL BE PAVED WITH ITEM 614 – ASPHALT CONCRETE FOR MAINTAINING TRAFFIC. TEMPORARY DRIVEWAYS SHALL BE MAINTAINED IN A SMOOTH CONDITION TO ELIMINATE EROSION AND RUTTING.

ESTIMATED QUANTITIES FOR THIS WORK ARE INCLUDED IN THE TOTALS SHOWN UNDER ITEM 614, MAINTAINING TRAFFIC.