

NOTIFICATIONS & CONTACTS

THE CONTRACTOR SHALL NOTIFY THE FOLLOWING ENTITIES IN WRITING AND VIA TELEPHONE AT LEAST FOURTEEN (14) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES. INCLUDED IN THE NOTIFICATION SHALL BE THE PROJECTED DATES AND TIME FRAMES OF ANY LANE RESTRICTIONS, ROADWAY CLOSURES, AND DETOUR ROUTES.

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| 1. BROADVIEW HEIGHTS OFFICE OF ENGINEERING
9543 BROADVIEW ROAD
BROADVIEW HEIGHTS, OHIO 44147
(440) 838-4705 | 7. BRECKSVILLE-BROADVIEW HEIGHTS CITY SCHOOL DISTRICT
6638 MILL ROAD
BRECKSVILLE, OHIO 44141
(440) 740-4000 |
| 2. BROADVIEW HEIGHTS POLICE DEPARTMENT
9543 BROADVIEW ROAD, BUILDING 19
BROADVIEW HEIGHTS, OHIO 44147
(440) 526-2165 | 8. CUYAHOGA COUNTY ENGINEER
2079 E. 9TH STREET
CLEVELAND, OHIO 44115
(216) 348-3800 |
| 3. BROADVIEW HEIGHTS FIRE DEPARTMENT
STATION 1
3591 E. WALLINGS ROAD
BROADVIEW HEIGHTS, OHIO 44147
(440) 526-4493 | 9. OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 12
5500 TRANSPORTATION BOULEVARD
GARFIELD HEIGHTS, OHIO 44125
(216) 581-2100 |
| 4. BRECKSVILLE SERVICE DEPARTMENT
9069 BRECKSVILLE ROAD
BRECKSVILLE, OHIO 44141
(440) 526-4351 | 10. OHIO STATE HIGHWAY PATROL
5225 W. 140TH STREET
BROOKPARK, OHIO 44142
(216) 265-1677 |
| 5. INDEPENDENCE SERVICE DEPARTMENT
6350 SELIG DRIVE
INDEPENDENCE, OHIO 44131
(216) 524-9191 | 11. GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
1240 WEST 6TH STREET
CLEVELAND, OHIO 44113
(216) 566-5100 |
| 6. SEVEN HILLS SERVICE DEPARTMENT
7325 SUMMITVIEW DRIVE
SEVEN HILLS, OHIO 44131
(216) 525-6225 | 12. U.S. POST OFFICE
2525 E ROYALTON ROAD, SUITE 8
BROADVIEW HEIGHTS, OHIO 44147
(440) 838-0429 |

WORK HOUR DESCRIPTIONS

OFF-PEAK HOURS ARE DEFINED AS ANY PERIOD OTHER THAN 6:00-9:00AM AND 3:00-6:00PM (MONDAY THROUGH FRIDAY) AND LEGAL HOLIDAYS.

SEQUENCE OF CONSTRUCTION

PHASE 1

THE CONTRACTOR SHALL CONSTRUCT THE ROADWAY AND BRIDGE IMPROVEMENTS ALONG WALLINGS ROAD BETWEEN WEST MILL ROAD AND MILL ROAD FROM STA. 86+50 TO STA. 98+00 AND ALONG RAMP D2 AND RAMP D4. THIS WORK SHALL BE DONE UNDER FULL CLOSURE. ACCESS SHALL BE MAINTAINED ON WALLINGS ROAD FOR RESIDENTS WITHIN THE CLOSURE AREA BETWEEN WEST MILL ROAD AND RAMP D2.

MODIFICATIONS TO THE EXISTING SIGNAL AT WALLINGS ROAD/MILL ROAD INTERSECTION SHALL BE COMPLETED PRIOR TO WALLINGS ROAD FULL CLOSURE AND DETOUR.

A TEMPORARY SIGNAL SHALL BE INSTALLED AT THE MILL ROAD AND LACEY LANE INTERSECTION FOR THE LOCAL UNOFFICIAL DETOUR PRIOR TO THE CLOSURE OF WALLINGS ROAD. THIS TEMPORARY SIGNAL SHALL BE REMOVED AT THE CONCLUSION OF PHASE 1 WHEN WALLINGS ROAD IS REOPENED TO TRAFFIC.

FULL DEPTH WIDENED AND RECONSTRUCTED PAVEMENT SHALL BE CONSTRUCTED UP TO AND INCLUDING THE ASPHALT INTERMEDIATE COURSE.

STORM LATERALS AND STORM STRUCTURES SHALL BE CONSTRUCTED AND CONNECTED TO THE EXISTING SYSTEM WITHIN THE PHASE 1 WORK LIMITS.

UPON COMPLETION OF THE BRIDGE SUBSTRUCTURE WORK, THE CONTRACTOR SHALL REMOVE THE EXISTING PIER PROTECTION AND INSTALL THE PROPOSED PIER PROTECTION.

SEQUENCE OF CONSTRUCTION (CONT.)

PHASE 2

THE REMAINING PAVEMENT RECONSTRUCTION ON WALLINGS ROAD WEST OF WEST MILL ROAD, INCLUDING THE WEST MILL ROAD INTERSECTION AND CURB RETURNS, SHALL BE CONSTRUCTED PART-WIDTH WHILE MAINTAINING TWO-WAY, ONE-LANE TRAFFIC UNDER FLAGGER CONTROL ON WALLINGS ROAD AND WEST MILL ROAD.

TEMPORARY PAVEMENT REQUIRED FOR PHASE 3 SHALL BE CONSTRUCTED ON THE NORTH SIDE OF WALLINGS ROAD FROM STA. 98+00 TO STA. 102+03 AND ON THE WEST SIDE OF MILL ROAD FROM STA. 26+65 TO STA. 29+72. THIS WORK SHALL BE COMPLETED DURING OFF-PEAK HOURS UTILIZING DETAILS OUTLINED IN THE ODOT TYPICAL APPLICATION 6, SHOULDER WORK WITH MINOR ENCROACHMENT. REMOVE OR COVER ANY EXISTING STRUCTURES IMPACTED BY THE PLACEMENT OF TEMPORARY PAVEMENT.

ALL WORK SHALL BE PERFORMED CONCURRENTLY WITH PHASE 1, BUT AT THE END OF PHASE 1 CONSTRUCTION, DURING THE FULL CLOSURE AND DETOUR OF WALLINGS ROAD AND BEFORE WALLINGS ROAD IS REOPENED TO TRAFFIC.

***NOTE FOR PHASE 3 THROUGH PHASE 4A**

THE INTENT OF THE CONSTRUCTION PHASING IS TO COMPLETE PHASE 3, PHASE 3A, PHASE 3B, PHASE 4, AND PHASE 4A (ROADWAY WORK ON THE EAST SIDE OF THE BRIDGE) AFTER THE PHASE 1 CLOSURE IS COMPLETE.

THE CONTRACTOR MAY SUBMIT AN ALTERNATIVE MOT SCHEME TO COMPLETE THE ROADWAY WORK ON THE EAST SIDE OF THE BRIDGE. THIS ALTERNATIVE SCHEME MAY BE IMPLEMENTED DURING THE FULL CLOSURE OF THE STRUCTURE (PHASE 1).

THE ALTERNATIVE MOT SCHEME WILL BE REVIEWED BY ODOT AND THE CITY OF BROADVIEW HEIGHTS. ALLOW 14 DAYS FOR REVIEW.

PHASE 3

THE CONTRACTOR SHALL CONSTRUCT THE ROADWAY IMPROVEMENTS ON THE SOUTH SIDE OF WALLINGS ROAD FROM STA. 98+00 TO STA. 103+50 AND CONSTRUCT THE EAST SIDE OF MILL ROAD. FULL DEPTH WIDENED AND RECONSTRUCTED PAVEMENT SHALL BE CONSTRUCTED UP TO AND INCLUDING THE ASPHALT INTERMEDIATE COURSE.

A TEMPORARY SIGNAL SHALL BE INSTALLED AT THE WALLINGS ROAD AND MILL ROAD INTERSECTION.

WITHIN THE WORK AREAS, TRAFFIC SHALL BE MAINTAINED ON THE NORTH SIDE OF WALLINGS ROAD AND THE WEST SIDE OF MILL ROAD ON EXISTING AND TEMPORARY PAVEMENT. RAMP D4 AND RAMP D2 SHALL BE OPEN TO TRAFFIC.

STORM LATERALS AND STORM STRUCTURES SHALL BE CONSTRUCTED AND CONNECTED TO EXISTING SYSTEM WITHIN THE PHASE 3 WORK LIMITS. STORM LATERALS NOT CONNECTED WILL BE PLUGGED AT THE PHASE LINE. CATCH BASINS NOT CONNECTED TO AN EXISTING OR PROPOSED SYSTEM SHALL BE COVERED UNTIL THEY ARE CONNECTED IN A LATER PHASE.

PHASE 3A

UPON COMPLETION OF CONSTRUCTION ON THE EAST SIDE OF MILL ROAD, IMPROVEMENTS TO THE WEST SIDE OF MILL ROAD SHALL BE COMPLETED, INCLUDING REMOVAL OF THE TEMPORARY PAVEMENT ON MILL ROAD USED IN PHASE 3. TRAFFIC SHALL BE MAINTAINED ON THE EAST SIDE OF MILL ROAD ON THE NEWLY CONSTRUCTED PAVEMENT.

PHASE 3B

TEMPORARY PAVEMENT REQUIRED FOR PHASE 4 SHALL BE CONSTRUCTED ON THE WEST SIDE OF RAMP D3 FROM STA. 53+36 TO STA. 55+32. THIS WORK SHALL BE COMPLETED DURING OFF-PEAK HOURS UTILIZING DETAILS OUTLINED IN THE ODOT TYPICAL APPLICATION 6, SHOULDER WORK WITH MINOR ENCROACHMENT.

THIS WORK MAY BE PERFORMED CONCURRENTLY WITH PHASE 3 OR 3A.

SEQUENCE OF CONSTRUCTION (CONT.)

PHASE 4

THE CONTRACTOR SHALL CONSTRUCT THE ROADWAY IMPROVEMENTS ON THE NORTH SIDE OF WALLINGS ROAD FROM STA. 98+00 TO STA. 103+50 AND CONSTRUCT THE EAST SIDE OF RAMP D3. FULL DEPTH WIDENED AND RECONSTRUCTED PAVEMENT SHALL BE CONSTRUCTED UP TO AND INCLUDING THE ASPHALT INTERMEDIATE COURSE.

WITHIN THE WORK AREAS, TRAFFIC SHALL BE MAINTAINED ON THE SOUTH SIDE OF WALLINGS ROAD ON THE NEWLY CONSTRUCTED PAVEMENT AND THE WEST SIDE OF RAMP D3 ON EXISTING AND TEMPORARY PAVEMENT.

THE REMAINING STORM SEWER LATERALS WILL BE CONSTRUCTED AND ALL STORM CONNECTIONS TO CATCH BASINS AND MANHOLES SHALL BE COMPLETED.

PERMANENT TRAFFIC SIGNALS CONSTRUCTION SHALL BE COMPLETED AND FUNCTIONAL THROUGHOUT THE PROJECT LIMITS PRIOR TO PHASE 5.

PHASE 4A

UPON COMPLETION OF CONSTRUCTION ON THE EAST SIDE OF RAMP D3, IMPROVEMENTS TO THE WEST SIDE OF RAMP D3 SHALL BE COMPLETED, INCLUDING REMOVAL OF THE TEMPORARY PAVEMENT ON RAMP D3 USED IN PHASE 4. TRAFFIC SHALL BE MAINTAINED ON THE EAST SIDE OF RAMP D3.

PHASE 5

THE FINAL SURFACE COURSE SHALL BE PLACED THROUGHOUT THE ENTIRE PROJECT. TRAFFIC SHALL BE MAINTAINED UNDER FLAGGER CONTROL IN ACCORDANCE WITH MT-97.11. THIS WORK SHALL BE RESTRICTED TO OFF-PEAK HOURS.

FINAL PAVEMENT MARKINGS SHALL THEN BE PLACED THROUGHOUT THE ENTIRE PROJECT. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH MT-99.20. THIS WORK SHALL BE RESTRICTED TO OFF-PEAK HOURS.

INTERIM COMPLETION DATE

LIQUIDATED DAMAGES WILL BE ASSESSED IF WALLINGS ROAD IS NOT OPEN TO BOTH DIRECTIONS OF TRAFFIC WITHIN THE PROJECT LIMITS PER THE REQUIREMENTS LISTED IN THE TABLE BELOW:

DESCRIPTION OF LOCATION OF CRITICAL WORK	DURATION	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
BRIDGE AND PAVEMENT WORK PERFORMED DURING FULL CLOSURE AND DETOUR OF WALLINGS ROAD (END OF PHASE 2 CONSTRUCTION)	365	CALENDAR DAYS	\$1,000

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING ALONG THE RAMPS AND AT THE TEMPORARY PAVEMENT 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.

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.

FLOODLIGHTING

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

DUST CONTROL

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

616, WATER 20 MGAL

ACCESS TO PROPERTIES

ACCESS SHALL BE MAINTAINED TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES EXCEPT WHEN A DRIVEWAY MUST BE CLOSED FOR CONSTRUCTION. ALL RESIDENTS AND PROPERTY OWNERS SHALL BE PROVIDED WRITTEN NOTIFICATION BY THE CONTRACTOR A MINIMUM OF 48 HOURS PRIOR TO THE CLOSURE. THE NOTICE SHALL LIST THE TIME THE CLOSURE WILL BE IN EFFECT AND SHALL LIST 24-HOUR EMERGENCY PHONE NUMBERS OF THE CONTRACTOR RESPONSIBLE FOR THE CLOSURE. THE TIMES SHALL BE COORDINATED WITH EACH RESIDENT AND PROPERTY OWNER. EVERY EFFORT MUST BE MADE TO ACCOMMODATE THE RESIDENT OR OWNER'S NEED FOR ACCESS. ACCESS MAY BE MAINTAINED WITH THE USE OF ASPHALT, AGGREGATE, OR STEEL PLATES.

WHERE A PROPERTY HAS MORE THAN ONE DRIVEWAY, DRIVES SHALL BE CONSTRUCTED ONE AT A TIME.

DRIVE CLOSURES SHALL BE CLOSED A MAXIMUM 24-HOUR PERIOD.

THE FOLLOWING ESTIMATED QUANTITIES ARE INCLUDED FOR USE AS DIRECTED BY THE ENGINEER FOR THE MAINTENANCE OF DRIVEWAYS:

410, TRAFFIC COMPACTED SURFACE, TYPE A OR TYPE B 275 CY
616, WATER 50 MGAL

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MAINTENANCE OF TRAFFIC GENERAL NOTES
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ITEM 614 - MAINTAINING TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS AND RAMPS 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. A MINIMUM OF ONE TEN FOOT LANE IN EACH DIRECTION SHALL BE MAINTAINED ON THE EXISTING PAVEMENT, TEMPORARY PAVEMENT, OR COMPLETED PAVEMENT DURING CONSTRUCTION OF THE WORK.
2. 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 AS PER STANDARD CONSTRUCTION DRAWING MT-101.90.
3. TRUCK MOUNTED ATTENUATORS [TMA'S] SHALL BE USED AS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS.
4. ONLY DURING OFF-PEAK PERIODS (i.e. ANY PERIOD OTHER THAN 6-9AM AND 3-6PM, MONDAY-FRIDAY) SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE.
5. 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. THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGES FOR TRANSVERSE JOINTS AS REQUIRED PER SCD MT-101.90 CONDITION IV.

THE FOLLOWING QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR ASPHALT WEDGING AS DIRECTED BY THE ENGINEER.

614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC 50 CY
6. FLAT SHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE IN USED, BUT GOOD, CONDITION SUBJECT TO APPROVAL BY THE ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT SIGN, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC. THE ESTIMATED QUANTITY BELOW HAS BEEN CARRIED TO THE GENERAL SUMMARY.

614, REPLACEMENT SIGN 3 EACH
7. LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT 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.
8. IF THE I-77 SHOULDERS OR GORES ARE USED TO MAINTAIN TRAFFIC, THE RUMBLE STRIPS SHALL BE PAVED OVER WITH ASPHALT CONCRETE FOR A SMOOTH SURFACE AND SUBSEQUENTLY REGRINDED TO ORIGINAL CONDITION.

DISINCENTIVE TABLE

DESCRIPTION OF CRITICAL LANES TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
ONE LANE OF CUY IR 77 FROM MMI50 TO MMI53	AS PER THE D12 PERMITTED LANE CLOSURE SCHEDULE	EACH HOUR	\$12,600

ITEM 614 - MAINTAINING TRAFFIC (CONTINUED)

9. NO FULL DEPTH BRIDGE REPAIR OR REMOVAL WORK SHALL BE PERFORMED OVER AN OPEN LANE. THE CONTRACTOR SHALL PROVIDE A PLATFORM OF SUITABLE STRENGTH ON THE UNDERSIDE OF THE DECK. THE DESIGN OF THE PLATFORM SHALL CONFORM WITH OSHA REQUIREMENTS AND THE APPROVAL OF THE ENGINEER AND SHALL REMAIN IN PLACE UNTIL THE WORK HAS BEEN COMPLETED AND ACCEPTED OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A DEMOLITION PLAN AND PLATFORM DESIGN TEN (10) DAYS PRIOR TO COMMENCING ANY DEMOLITION FOR APPROVAL BY THE ENGINEER. THE SUBMITTAL SHALL BE IN WRITING TO THE DISTRICT CONSTRUCTION ENGINEER WITH A COPY TO THE PROJECT ENGINEER.
10. ALL LANES OF I-77 SHALL BE OPEN AT ALL TIMES WITH THE FOLLOWING EXCEPTIONS:
 - (A) I-77 SHORT TERM CLOSURES

THE FOLLOWING NOTES SHALL APPLY FOR THE WORK ON I-77:
 - (1) SHORT TERM CLOSURES WILL ONLY BE PERMITTED FOR THE REMOVAL AND RE-ERECTION OF BEAMS.
 - (2) SHORT TERM CLOSURES SHALL ONLY BE PERMITTED MONDAY THROUGH THURSDAY BETWEEN 12:00AM - 5:00AM.
 - (3) SHORT TERM CLOSURES SHALL BE AS PER MT-99.60.
 - (4) "BE PREPARED TO STOP" (W3-4-48) SIGNS SHALL BE USED DURING SHORT TERM CLOSURES AND SHALL BE DUAL MOUNTED AND BE PLACED APPROXIMATELY 1300 FEET AFTER THE "ROAD WORK AHEAD" SIGN OR AS DIRECTED BY THE ENGINEER. THE SIGNS SHALL HAVE 8 LED AMBER FLASHING LIGHTS THAT BLINK ON AND OFF DURING THE TIME THE SIGN IS IN OPERATION. THE FLASHING LIGHTS SHALL BE OPERATING WHEN THE FREEWAY IS BEING PREPARED FOR CLOSURE AND FOR THE ENTIRE DURATION OF THE CLOSURE. THE SIGN SHALL BE COVERED AND FLASHING LIGHTS TURNED OFF WHEN NOT IN USE.

THE CONTRACTOR SHALL CONTACT TAPCO (TRAFFIC AND PARKING CONTROL CO., INC.) TO HAVE THE "BE PREPARED TO STOP" (W3-4-48) SIGNS MADE. THE SIGN IS CALLED BLINKERSIGN. THE WEBSITE IS: <https://www.tapconet.com/category/emergency-warning>

AN APPROVED EQUAL CAN BE SUBSTITUTED.
 - (B) PIER CONSTRUCTION, PIER PROTECTION CONSTRUCTION, PARAPET AND DECK REMOVAL, AND FALSEWORK ERECTION AND REMOVAL OPERATIONS
 - (1) DURING CONSTRUCTION OF THE PIERS AND OVERHEAD WORK OUTSIDE OF THE EXISTING MAINTAINED LANES, THE SHOULDERS SHALL BE CLOSED WITH PORTABLE BARRIER IN ACCORDANCE WITH MT-95.45. LINEAR DELINEATION SHALL BE INSTALLED ON THE PORTABLE BARRIER. THE WORK ZONE CAN BE LEFT IN PLACE FOR THE DURATION OF THE REQUIRED CLOSURE.
 - (2) DURING OVERHEAD WORK WHICH REQUIRES LANE CLOSURES, LANES SHALL BE CLOSED WITH CONSTRUCTION DRUMS IN ACCORDANCE WITH MT-95.30.
 - (3) VEHICLES AND EQUIPMENT SHALL ALWAYS MOVE WITH, AND NOT ACROSS OR AGAINST TRAFFIC. VEHICLES AND EQUIPMENT SHALL NOT PARK OR STOP EXCEPT WITHIN THE DESIGNATED WORK AREAS, AND SHALL ENTER AND LEAVE WORK AREAS IN A MANNER WHICH WILL NOT BE HAZARDOUS TO, OR INTERFERE WITH THE NORMAL TRAFFIC FLOW. PERSONAL VEHICLES WILL NOT BE PERMITTED TO PARK WITHIN THE RIGHT OF WAY EXCEPT IN SPECIFIC AREAS DESIGNATED BY THE ENGINEER.

ITEM 614 - MAINTAINING TRAFFIC (CONTINUED)

11. I-77 LANE CLOSURE RESTRICTIONS
 - (A) DURING THE CONSTRUCTION ACTIVITIES 10(A) AND 10(B) PREVIOUSLY LISTED, LANE CLOSURES MAY ONLY BE IMPLEMENTED AT THE TIMES PERMITTED BY THE "PERMITTED LANES CLOSURE SCHEDULE" WHICH IS LOCATED ON THE ODOT WEB SITE:

<https://www.transportation.ohio.gov/working/data-tools/resources/permitted-lane-closure>
 - (B) ANY ROADWAY NOT LISTED IN THE "PERMITTED LANE CLOSURE SCHEDULE" SHALL NOT HAVE ANY WEEKDAY CLOSURES FROM 6:00AM-9:00AM OR 3:00PM-6:00PM, UNLESS NOTED OTHERWISE.
 - (C) NO LANE OR SHOULDER CLOSURES SHALL BE IN PLACE WHEN NO WORK IS BEING PERFORMED EXCEPT FOR PERMANENT SHOULDER CLOSURES.
 - (D) MAINTENANCE OF TRAFFIC SHALL FOLLOW THE INSTRUCTION OF THE STANDARD CONSTRUCTION DRAWINGS LISTED ON THE TITLE SHEET AND THE LATEST REVISION OF THE ODOTCD.
 - (E) THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE FOR EACH HOUR THAT TRAFFIC ON I-77 IS RESTRICTED OUTSIDE OF THE PERMITTED LANE CLOSURES. SEE DISINCENTIVE TABLE THIS SHEET.
12. SINCE FUNCTIONAL TRAFFIC CONTROL IS A MAJOR CONCERN ON THIS PROJECT, IT IS ESSENTIAL THAT THE MOTORING PUBLIC BE ADEQUATELY FOREWARNED OF FUTURE LANE CLOSURES AND TRAFFIC RESTRICTIONS. THEREFORE, THE CONTRACTOR MUST SUBMIT A WRITTEN SCHEDULE TO THE ODOT DISTRICT 12 PUBLIC INFORMATION OFFICE INDICATING THE LOCATIONS AND DATES OF THE LANE CLOSURES AT LEAST THREE (3) DAYS PRIOR TO THE IMPLEMENTATION OF ANY SUCH CLOSURES. ALSO, THE CONTRACTOR SHALL NOTIFY THE ENGINEER, RESPONSIBLE LAW ENFORCEMENT AGENCIES, EMERGENCY SERVICES, AND THE CITY OF BROADVIEW HEIGHTS OF LANE CLOSURES OR OTHER RESTRICTIONS AT LEAST TWO (2) WEEKS PRIOR TO IMPLEMENTATION. FOR I-77 TRAFFIC, THE CONTRACTOR SHALL USE PORTABLE CHANGEABLE MESSAGE SIGNS TO ALERT MOTORISTS THREE (3) DAYS PRIOR TO THE IMPLEMENTATION OF ANY CHANGES SUCH AS LANE CLOSURES OR OTHER RESTRICTIONS.
13. THE CONTRACTOR SHALL USE SCD MT-103.10 "CONSTRUCTION ACCESS POINTS" FOR TRUCKS ENTERING AND EXITING THE PROJECT. IF THE ENTRY OR EXIT POINTS ARE BEFORE OR AFTER THE PORTABLE BARRIER, THE CONTRACTOR SHALL USE ACCEPTABLE TAPER RATES AND ACCELERATION / DECELERATION LENGTHS.
14. THE CONTRACTOR SHALL NOTIFY THE STATEWIDE TRAFFIC MANAGEMENT CENTER (TMC) 24 HOURS BEFORE LANE CLOSURES (TELEPHONE: 800-884-4030).
15. NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP 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/RAMP 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. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE		
ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	>= 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

ITEM 614 - MAINTAINING TRAFFIC (CONTINUED)

- 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.
- 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.
- 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 SPECIAL EVENTS:
- | | |
|---------------------------|------------------------------------|
| NEW YEAR'S (OBSERVED) | GENERAL/REGULAR ELECTION DAY (NOV) |
| MEMORIAL DAY | THANKSGIVING |
| FOURTH OF JULY (OBSERVED) | CHRISTMAS (OBSERVED) |
| LABOR DAY | (OTHER HOLIDAY OR SPECIAL EVENT) |
- THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR SPECIAL 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 6:00AM WEDNESDAY
TUESDAY (GEN./ REG. ELECTION)	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRIAN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

NEWLY CONSTRUCTED LANE ADDITIONS, ONCE COMPLETED AND INITIALLY OPENED TO TRAFFIC, SHALL BE OPEN TO TRAFFIC DURING ALL SUBSEQUENT DESIGNATED HOLIDAYS AND SPECIAL EVENTS, AND RELATED PERIODS OF TIME, SPECIFIED ABOVE.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

ALTERNATE MAINTENANCE OF TRAFFIC PLANS

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

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