

**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 (TWO-WAY, TWO LANE TRAFFIC) SHALL BE MAINTAINED ON THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT OR TEMPORARY PAVEMENT DURING CONSTRUCTION. UPON APPROVAL OF THE ENGINEER, TWO-WAY, ONE LANE TRAFFIC UNDER FLAGGER CONTROL WILL BE PERMITTED DURING OFF-PEAK HOURS (9AM-3PM AND 6PM-SUNSET).

2. THE CONTRACTOR SHALL INFORM THE CITY OF MASSILLON (330) 830-1722 AND THE DISTRICT 4 OFFICE (330) 786-2208, EIGHTEEN (18) DAYS PRIOR TO THE BEGINNING OF WORK.

3. 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.

4. TRUCK MOUNTED ATTENUATORS [TMA'S] SHALL BE USED AS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS.

5. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE SUCCESSIVE WORK ZONES UNLESS THE DISTANCE BETWEEN THE DRUMS, BARRICADES OR CONES EXCEEDS ONE (1) MILE.

6. THE CONTRACTOR WILL BE ALLOWED SHORT TERM ROAD CLOSURE ON THE SIDE STREETS ALONG SR 241 (WALES) ROAD.

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 ONE (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		
ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	>= 2 WEEKS	14 CALENDER DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDER DAYS PRIOR TO CLOSURE
	< 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

**ITEM 614 - MAINTAINING TRAFFIC (CONT.)**

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 (330-786-2208). THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

THE ROAD CLOSURES WILL BE LIMITED TO 30 DAYS AND SHALL BE DETOURED TO AN ADJACENT SIDE STREET. CLOSURES OF TWO ADJACENT STREETS WILL NOT BE PERMITTED.

TRAFFIC MUST MAINTAINED AT ALL TIMES ON THE FOLLOWING STREETS:

- SR 172 (LINCOLN WAY)
- STATE AVENUE (WEST LEG)
- HANKINS ROAD
- LAKE AVENUE
- HILLS AND DALES ROAD
- PEBBLE CHASE CIRCLE
- SPRINGHILL LANE
- SPRINGHILL AVENUE
- SPRINGHAVEN CIRCLE (ONE INTERSECTION MUST BE OPENED AT ALL TIMES)

7. ONLY DURING OFF PEAK HOURS (9AM-3PM AND 6PM-SUNSET) SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE.

8. 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 YEARS                | LABOR DAY      |
| MEMORIAL DAY             | THANKSGIVING   |
| (OTHER HOLIDAY OR EVENT) |                |

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 6:00AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
THURSDAY	(THANKSGIVING ONLY) 6AM WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY

9. 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 LANE, 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.

**ITEM 614 - MAINTAINING TRAFFIC (CONT.)**

10. THE CONTRACTOR SHALL PLACE THE SIGNS: W8-1 [BUMP] PER OMUTCD 2C.28 AND W8-11 [UNEVEN LANES] PER OMUCTD 6F.45. PAYMENT FOR THESE SIGNS SHALL BE INCIDENTAL TO THE LUMP SUM ITEM 614 - MAINTAINING 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.

**ITEM 615 - ROADS FOR MAINTAINING TRAFFIC**

ALL WORK SHALL BE IN ACCORDANCE WITH C&MS 615 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 615 - ROADS FOR MAINTAINING TRAFFIC.

**ACCESS TO PROPERTIES**

DRIVEWAY 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 WHICH INCLUDES PROVIDING AN ADEQUATE OPENING IN THE CONSTRUCTION DRUMS. ACCESS MAY BE MAINTAINED WITH THE USE OF ASPHALT, AGGREGATE, OR STEEL PLATES.

WHERE A DRIVEWAY IS WIDE ENOUGH, THE CONTRACTOR SHALL CONSTRUCT THE DRIVEWAY PART-WIDTH WHILE MAINTAINING TWO-WAY TRAFFIC. WHERE A PROPERTY HAS MORE THAN ONE DRIVEWAY, DRIVES SHALL BE CONSTRUCTED ONE AT A TIME.

DRIVE CLOSURES SHALL BE CLOSED A MAXIMUM 10-HOUR PERIOD DURING NORMAL WORK HOURS.

FOR RESIDENCES WITH EXISTING SIDEWALK, THE EXISTING SIDEWALK SHALL NOT BE REMOVED UNLESS THE PROPOSED SIDEWALK IS CONSTRUCTED OR THE DRIVEWAY IS ACCESSIBLE TO VEHICLES.

FOR RESIDENCES WITH NO EXISTING SIDEWALK, A TEMPORARY SIDEWALK SHALL BE CONSTRUCTED WHEN THE PROPERTY IS INACCESSIBLE TO VEHICLES. THE LOCATIONS OF THESE RESIDENCES ARE LIMITED TO THE EAST SIDE OF WALES ROAD FROM SPRINGHILL AVENUE TO SPRINGHAVEN CIRCLE NORTH, AND ON THE WEST SIDE OF WALES ROAD FROM LENNOX AVENUE TO HILLS AND DALES ROAD.

A QUANTITY OF TEMPORARY ASPHALT SIDEWALK (5-FOOT WIDTH AND 3-INCH THICKNESS) HAS BEEN PROVIDED TO BE USED AS DIRECTED BY THE ENGINEER. THE TEMPORARY ASPHALT SIDEWALK MUST BE LOCATED WITHIN THE CONSTRUCTION LIMITS AND SHALL MEET ADA REQUIREMENTS.

**ACCESS TO PROPERTIES (CONT.)**

THE FOLLOWING ESTIMATED QUANTITIES ARE INCLUDED FOR USE AS DIRECTED BY THE ENGINEER FOR THE MAINTENANCE OF DRIVEWAYS AND SIDEWALKS AND HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 410 - TRAFFIC COMPACTED SURFACE, TYPE A OR TYPE B - 378 CY

ITEM 608 - TEMPORARY ASPHALT CONCRETE WALK, AS PER PLAN - 10,000 SF

ITEM 616 - WATER - 50 MGAL

**ITEM 608 - TEMPORARY ASPHALT CONCRETE WALK, AS PER PLAN**

THE TEMPORARY ASPHALT CONCRETE WALK SHALL BE IN ACCORDANCE WITH C&MS 608 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, WITH THE FOLLOWING CONDITIONS:

THE CONTRACTOR SHALL USE ITEM 441 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) WHEN PLACING THE TEMPORARY SIDEWALKS.



PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS, AND REMOVAL SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 608 - TEMPORARY ASPHALT CONCRETE WALK, AS PER PLAN.

**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 AND HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 616 - WATER - 44 MGAL

**DELINEATION OF PORTABLE AND PERMANENT BARRIER**

BARRIER REFLECTORS AND OBJECT MARKERS SHALL BE INSTALLED ON ALL PORTABLE BARRIER (PB) USED FOR TRAFFIC CONTROL; AND, ON PERMANENT CONCRETE BARRIER (INCLUDING BRIDGE PARAPETS) LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE.

BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THE SPACING SHALL BE AS PER TRAFFIC SCD MT-101.70. OBJECT MARKERS AND THEIR INSTALLATION SHALL CONFORM TO C&MS 614.03 AND SCD MT-101.70. WHEN THE PB CONTAINS GLARE SCREEN, ONE SET OF THREE VERTICAL STRIPES OF SHEETING SHALL BE CONSIDERED EQUIVALENT TO AN OBJECT MARKER, ONE-WAY.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 614, BARRIER REFLECTOR, TYPE 1, TWO-WAY - 3 EACH

ITEM 614, OBJECT MARKER, TWO-WAY - 3 EACH

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING EACH OF THE ABOVE ITEMS.

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**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 CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME FRAME TABLE

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

**ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL OR BIDIRECTIONAL)**

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING'S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROADWAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN BIDIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

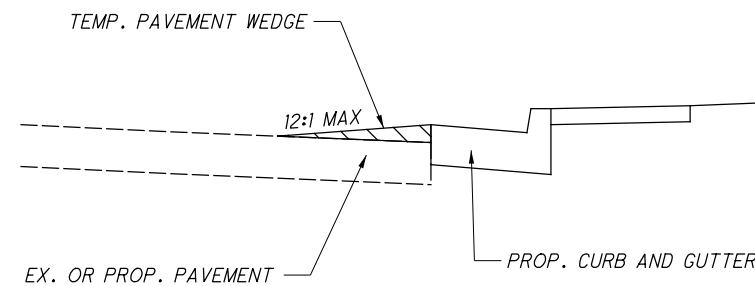
**TEMPORARY PAVEMENT WEDGE**

TEMPORARY PAVEMENT WEDGES SHALL BE PROVIDED AT ALL TIMES WHERE TRAFFIC IS REQUIRED TO TRAVEL FROM OR ONTO A SURFACE OF A DIFFERENT ELEVATION IN THE DIRECTION OF TRAVEL (JOINTS, MANHOLES, CATCH BASINS, VALVE BOXES, MONUMENT BOXES, ETC.). THE TAPER RATE OF THE TEMPORARY PAVEMENT WEDGES SHALL BE AS PER THE REQUIREMENTS IN THE CHART BELOW. THE MATERIAL USED FOR THE TEMPORARY PAVEMENT WEDGES SHALL MATCH THE SURFACE COURSE SPECIFIED IN THESE PLANS. ADDITIONALLY, TEMPORARY PAVEMENT WEDGES SHALL BE PLACED BETWEEN THE PROPOSED CURB AND GUTTER AND THE CENTERLINE TO PROVIDE POSITIVE DRAINAGE AND TO PREVENT DAMAGE TO THE PROPOSED CURB AND GUTTER DURING THE WINTER MONTHS.

TEMPORARY PAVEMENT WEDGES SHALL BE REMOVED PRIOR TO PLACING THE SPECIFIED PAVEMENT COURSE.

PAYMENT FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM BID ITEM FOR ITEM FOR ITEM 614 - MAINTAINING TRAFFIC.

SPEED		DURATION	
		7 DAYS OR LESS	MORE THAN 7 DAYS
LESS THAN 45 MPH	36:1	60:1	
	60:1	120:1	



TEMPORARY PAVEMENT WEDGE DETAIL

**UTILITY COORDINATION**

THE CONTRACTOR SHALL COORDINATE HIS OPERATIONS WITH THE WORK FORCES OF UTILITY COMPANIES RELOCATING THEIR FACILITIES SO AS TO COMPLETE ALL SCHEDULED CONSTRUCTION ACTIVITIES WITHOUT UNDUE DELAY OR INTERFERENCE IN ACCORDANCE WITH 105.07 OF THE SPECIFICATIONS. THE CONTRACTOR SHALL ARRANGE WITH OTHER WORK FORCES A MUTUALLY ACCEPTABLE WORK SCHEDULE SUBJECT TO THE APPROVAL OF THE ENGINEER PRIOR TO COMMENCING ANY OPERATIONS. THE CONTRACTOR SHALL PRESENT ANY UNRESOLVED SCHEDULE CONFLICTS WITH THE OTHER WORK FORCES IN WRITING TO THE ENGINEER WITHIN TWO (2) WORKING DAYS OF THE CONFLICT DISCOVERY. COMPENSATION FOR THE ABOVE COOPERATION SHALL BE INCIDENTAL TO THE VARIOUS PAY ITEMS WITHIN THE PROJECT.

**ITEM 614 - WORK ZONE MARKING SIGN**

THE WORK ZONE MARKING "NO EDGE LINE" (W8-H12a-36) SIGN SHALL BE IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. THE SIGN SHALL BE CLEARLY VISIBLE AND 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 - WORK ZONE MARKING SIGN.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY AND IS TO BE USED, AS DIRECTED BY THE ENGINEER, THROUGHOUT THE PROJECT LIMITS.

ITEM 614 - WORK ZONE MARKING SIGN - 2 EACH

**WINTER TRAFFIC LIMITATIONS**

ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC BETWEEN NOVEMBER 1 AND APRIL 1. OCTOBER 31 SHALL BE CONSIDERED TO CONSTITUTE AN INTERIM COMPLETION DATE AND LIQUID DAMAGES OF \$2000 SHALL BE ASSESSED FOR EACH CALENDAR DAY THAT THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT. THE CONTRACTOR MAY CLOSE LANES PRIOR TO APRIL 1 WITH WRITTEN APPROVAL FROM THE DISTRICT CONSTRUCTION ENGINEER.

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**SEQUENCE OF CONSTRUCTION**

PRE PHASE:

CONTRACTOR WILL PERFORM PARTIAL DEPTH PAVEMENT REPAIRS ALONG WEST SIDE OF WALES ROAD (SR 241) AS DIRECTED BY THE ENGINEER PRIOR TO INSTALLING PHASE 1 TRAFFIC CONTROL ITEMS.

CONTRACTOR SHALL PERFORM THE WORK WITH USE OF FLAGGER DURING OFF PEAK HOURS (9AM-3PM AND 6PM-SUNSET).

ALL PRIVATE UTILITIES SHALL BE RELOCATED PRIOR TO INSTALLING PHASE 1 TRAFFIC CONTROL ITEMS.

PHASE 1 WALES ROAD:

PRIOR TO THE START OF PHASE 1 CONSTRUCTION, PLACE ALL TEMPORARY TRAFFIC CONTROL DEVICE, TEMPORARY PAVEMENT (PER MT-97.10), AND TEMPORARY PAVEMENT MARKINGS (PER MT-99.20) REQUIRED FOR PHASE 1 CONSTRUCTION.

CONTRACTOR SHALL ESTABLISH THE TRUCK DETOUR AS DETAILED ON THE TRUCK DETOUR PLAN PRIOR TO PLACING THE PHASE 1 MARKINGS. THE TRUCK DETOUR SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT.

CONTRACTOR SHALL CONSTRUCT THE ROADWAY IMPROVEMENTS ON THE EAST SIDE OF WALES ROAD (SR 241), DRAINAGE IMPROVEMENTS, AND TEMPORARY PAVEMENT AS DESCRIBED IN THE PHASE 1 MOT TYPICAL SECTIONS. PROPOSED PAVEMENT WILL BE CONSTRUCTED UP TO AND INCLUDING THE ASPHALT INTERMEDIATE COURSE.

TRAFFIC WILL BE MAINTAINED ON THE WEST SIDE OF WALES ROAD ON EXISTING PAVEMENT.

STORM LATERALS AND THE WATER MAIN SIDE STREET CROSSINGS SHALL BE CONSTRUCTED DURING OFF PEAK HOURS (9AM-3PM AND 6PM-SUNSET), WHILE MAINTAINING TWO-WAY, ONE-LANE TRAFFIC UNDER FLAGGER CONTROL. ALL TRENCHES MUST BE COVERED EACH DAY AFTER WORK IS COMPLETED.

STORM LATERALS AT THE FOLLOWING LOCATIONS WILL BE INSTALLED PART WIDTH:

- STA. 117+35 (NORTH OF ROSLYN AVE.)
- STA. 118+95 (SOUTH OF WILLIAMS AVE.)
- STA. 130+25 (KENDAL AVE.)
- STA. 160+02 (NORTH OF STRATFORD AVE.)
- STA. 166+75 (NORTH OF PROVIDENCE RD.)

STORM LATERALS NOT CONNECTED WILL BE PLUGGED AT THE PHASE LINE AND CATCH BASINS NOT CONNECTED TO AN EXISTING OR PROPOSED SYSTEM SHALL BE COVERED UNTIL THEY CAN BE CONNECTED.

THE WATER MAIN SIDE STREET CROSSINGS MAY BE PERFORMED IN PHASE 1 AND/OR PHASE 2 FULL-WIDTH OR PART-WIDTH. THE CROSSINGS SHALL BE CAPPED NEAR THE TIE-IN POINT. THE TIE-IN SHALL OCCUR IN PHASE 2 AFTER THE WALES ROAD WATER MAIN IS TESTED AND APPROVED.

CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE EXISTING TURN LANES ON WALES ROAD AT LINCOLN WAY, HANKINS ROAD, LAKE AVENUE, AND HILLS AND DALES ROAD. TWO-WAY ONE-LANE TRAFFIC UNDER FLAGGER CONTROL WILL BE PERMITTED DURING OFF PEAK HOURS (9AM-3PM AND 6PM-SUNSET).

**SEQUENCE OF CONSTRUCTION (CONT.)**

PHASE 1 WALES ROAD (CONT.):

PEDESTRIAN TRAFFIC WILL BE MAINTAINED ON THE WEST SIDE OF WALES ROAD ON THE EXISTING SIDEWALK.

PEDESTRIAN TRAFFIC ON THE EAST SIDE OF THE STREET WILL BE DETOURED TO ADJACENT SIDESTREETS AS NEEDED AS PER ODOT SCD MT-110.10 TO CONSTRUCT THE NEW SIDEWALK ON THE EAST SIDE OF THE STREET. SIDEWALK REPLACEMENT WILL BE LIMITED TO 300' MAX. SIDEWALK CLOSURES ON CONSECUTIVE BLOCKS WILL NOT BE PERMITTED.

SUGGESTED DETOUR ROUTES TO CONSTRUCT SIDEWALK BETWEEN SIDE STREETS CAN BE SEEN BELOW. THE BLOCK BETWEEN STREET A AND STREET B WILL BE DETOURED TO STREET C:

PHASE 1 PEDESTRIAN DETOUR CHART		
STREET A	STREET B	STREET C
NORTH AVE.	ANDREW AVE.	LEWIS PL.
ANDREW AVE.	RODMAN AVE.	LEWIS PL.
RODMAN AVE.	GRAY CT.	HARMON PL.
GRAY CT.	STATE AVE.	HARMON PL.

PEDESTRIANS WILL BE DETOURED TO THE WEST SIDE OF WALES ROAD DURING SIDEWALK CONSTRUCTION BETWEEN STATE AVE. AND HANKINS RD AT THE SIGNALIZED INTERSECTIONS.

THE PEDESTRIAN CROSSING AT THE EAST SIDE OF WALES ROAD AT LINCOLN WAY WILL BE CLOSED TO CONSTRUCT THE NEW SIDEWALK. PEDESTRIANS ON THE NORTH SIDE OF LINCOLN APPROACHING FROM THE WEST WILL CROSS AT HESS BOULEVARD. SIGNING SHALL BE AS PER ODOT SCD MT-110.10.

PEDESTRIANS WILL BE PERMITTED TO CROSS AT SIGNALIZED INTERSECTIONS. PEDESTRIAN FACILITIES AT THESE INTERSECTIONS MUST BE MAINTAINED AT ALL TIMES.

PHASE 2 WALES ROAD:

PRIOR TO THE START OF PHASE 2 CONSTRUCTION, PLACE ALL TEMPORARY TRAFFIC CONTROL DEVICE, TEMPORARY PAVEMENT (PER MT-97.10), AND TEMPORARY PAVEMENT MARKINGS (PER MT-99.20) REQUIRED FOR PHASE 2 CONSTRUCTION.

CONTRACTOR SHALL CONSTRUCT THE ROADWAY IMPROVEMENTS ON THE WEST SIDE OF WALES ROAD (SR 241) AND THE WATER MAIN AS DESCRIBED IN THE PHASE 2 MOT TYPICAL SECTIONS. PROPOSED PAVEMENT WILL BE CONSTRUCTED UP TO AND INCLUDING THE ASPHALT INTERMEDIATE COURSE.

TRAFFIC WILL BE MAINTAINED ON THE EAST SIDE OF WALES ROAD ON EXISTING, PROPOSED, AND TEMPORARY PAVEMENT.

THE REMAINING STORM LATERALS AND WATER MAIN SIDE STREET CROSSINGS AND THE WATER SERVICE CONNECTIONS (ON BOTH SIDES OF THE STREET) SHALL BE CONSTRUCTED DURING OFF PEAK HOURS (9AM-3PM AND 6PM-SUNSET) WHILE MAINTAINING TWO-WAY, ONE-LANE TRAFFIC UNDER FLAGGER CONTROL (PER MT-97.10). ALL TRENCHES MUST BE COVERED EACH DAY AFTER WORK IS COMPLETED.

CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE EXISTING TURN LANES ON WALES ROAD AT LINCOLN WAY, HANKINS ROAD, LAKE AVENUE, AND HILLS AND DALES ROAD. TWO-WAY ONE-LANE TRAFFIC UNDER FLAGGER CONTROL WILL BE PERMITTED DURING OFF PEAK HOURS (9AM-3PM AND 6PM-SUNSET).

THE REMAINING STORM SEWER LATERALS WILL BE CONSTRUCTED AND CATCH BASINS NOT FULLY CONSTRUCTED IN PHASE 1 SHALL BE CONSTRUCTED.

**SEQUENCE OF CONSTRUCTION (CONT.)**

PHASE 2 WALES ROAD (CONT.):

PEDESTRIAN TRAFFIC WILL BE MAINTAINED ON THE EAST SIDE OF WALES ROAD ON THE PROPOSED SIDEWALK.

PEDESTRIAN TRAFFIC ON THE WEST SIDE OF THE STREET WILL BE DETOURED TO ADJACENT SIDESTREETS AS NEEDED AS PER ODOT SCD MT-110.10 TO CONSTRUCT THE NEW SIDEWALK ON THE WEST SIDE OF THE STREET. SIDEWALK REPLACEMENT WILL BE LIMITED TO 300' MAX. SIDEWALK CLOSURES ON CONSECUTIVE BLOCKS WILL NOT BE PERMITTED.

SUGGEST DETOUR ROUTES TO CONSTRUCT SIDEWALK BETWEEN SIDE STREETS CAN BE SEEN BELOW. THE BLOCK BETWEEN STREET A AND STREET B WILL BE DETOURED TO STREET C.

PHASE 2 PEDESTRIAN DETOUR CHART		
STREET A	STREET B	STREET C
NORTH AVE.	ANDREW AVE.	PARKVIEW ST.
ANDREW AVE.	RODMAN AVE.	PARKVIEW ST.
RODMAN AVE.	GRAY CT.	PARKVIEW ST.
GRAY CT.	STATE AVE.	PARKVIEW ST.
STATE AVE.	ROSLYN AVE.	PARKVIEW ST.
ROSLYN AVE.	WILLIAMS AVE.	PARKVIEW ST.
WILLIAMS AVE.	KENDAL AVE.	I1TH ST.
KENDAL AVE.	ROTCH AVE.	I1TH ST.
ROTCH AVE.	LAKE AVE.	I1TH ST.
LAKE AVE.	BENNINGTON AVE.	I1TH ST.
BENNINGTON AVE.	COVENTRY RD.	I1TH ST.
COVENTRY RD.	STRATFORD AVE.	COVENTRY RD.
STRATFORD AVE.	PROVIDENCE RD.	COVENTRY RD.
PROVIDENCE RD.	LENNOX AVE.	COVENTRY RD.

THE PEDESTRIAN CROSSING AT THE WEST SIDE OF WALES SHALL BE CLOSED. PEDESTRIANS ON THE NORTH SIDE OF LINCOLN APPROACHING FROM THE EAST WILL BE REQUIRED TO CROSS AT 8TH STREET. SIGNING WILL BE AS PER ODOT SCD MT-110.10.

PEDESTRIANS WILL BE PERMITTED TO CROSS AT SIGNALIZED INTERSECTIONS. PEDESTRIAN FACILITIES AT THESE INTERSECTIONS MUST BE MAINTAINED AT ALL TIMES.

PHASE 2A LAKE AVENUE:

CONTRACTOR SHALL CONSTRUCT THE ROADWAY IMPROVEMENTS ON THE SOUTH SIDE OF LAKE AVE INCLUDING THE WATER MAIN AND SERVICE CONNECTIONS CONCURRENTLY WITH THE PHASE 2 OPERATIONS OF WALES ROAD. PROPOSED PAVEMENT WILL BE CONSTRUCTED UP TO AND INCLUDING THE ASPHALT INTERMEDIATE COURSE. TRAFFIC WILL BE MAINTAINED AS SHOWN IN THE PHASE 2A TYPICAL SECTIONS.

STORM LATERALS AND WATER SERVICE CONNECTIONS SHALL BE CONSTRUCTED DURING OFF PEAK HOURS (9AM-3PM AND 6PM-SUNSET) WHILE MAINTAINING TWO-WAY, ONE-LANE TRAFFIC UNDER FLAGGER CONTROL. ALL TRENCHES MUST BE COVERED EACH DAY AFTER WORK IS COMPLETED.

**SEQUENCE OF CONSTRUCTION (CONT.)**

PHASE 2B LAKE AVENUE:

CONTRACTOR SHALL CONSTRUCT THE REMAINING ROADWAY IMPROVEMENTS ON THE NORTH SIDE OF LAKE AVE CONCURRENTLY WITH PHASE 2 OPERATIONS OF WALES ROAD. PROPOSED PAVEMENT WILL BE CONSTRUCTED UP TO AND INCLUDING THE ASPHALT INTERMEDIATE COURSE. TRAFFIC WILL BE MAINTAINED AS SHOWN IN THE PHASE 2B TYPICAL SECTIONS.

PHASE 3 WALES ROAD:

CONTRACTOR SHALL REMOVE THE TEMPORARY PAVEMENT PLACED IN PHASE 1 AND CONSTRUCT THE REMAINING PAVEMENT, CURB AND GUTTER, AND WALK ON THE EAST SIDE OF WALES ROAD. PHASE 2 PAVEMENT MARKINGS WILL REMAIN IN LOCATIONS OUTSIDE OF THE PHASE 3 WORK LIMITS.

PHASE 4 WALES ROAD AND LAKE AVENUE:

THE CONTRACTOR SHALL PERFORM PAVEMENT PLANING, PLACE THE FINAL ASPHALT SURFACE COURSE, AND PLACE FINAL PAVEMENT MARKINGS THROUGHOUT THE PROJECT LIMITS. DURING PAVEMENT PLANING AND PLACEMENT OF THE ASPHALT SURFACE COURSE, TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH MT-95.31, MT-95.32, MT-95.60, MT-95.61, AND MT-97.12. DURING PLACEMENT OF FINAL PAVEMENT MARKINGS, TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH MT-99.20. ALL WORK IN THIS PHASE SHALL BE COMPLETED DURING OFF PEAK HOURS (9AM-3PM AND 6PM-SUNSET).

UPON COMPLETION OF THE FINAL ASPHALT SURFACE COURSE BUT BEFORE THE PERMANENT STRIPING IS PLACED. THE CONTRACTOR SHALL STRIPE THE PROPOSED ROADWAY IN ACCORDANCE TO THE TRAFFIC CONTROL PLANS, AS DIRECTED BY THE ENGINEER.

THE FOLLOWING QUANTITIES SHALL BE USED FOR THE COMPLETION OF THIS WORK AND HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

- ITEM 614 - WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT - 0.44 MILE
- ITEM 614 - WORK ZONE CENTER LINE, YELLOW, CLASS III, 642 PAINT - 2.74 MILE
- ITEM 604 - WORK ZONE EDGE LINE, WHITE, CLASS III, 4", 642 PAINT - 0.04 MILE
- ITEM 614 - WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT - 2,242 FT
- ITEM 614 - WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT - 52 FT
- ITEM 614 - WORK ZONE STOP LINE, CLASS III, 642 PAINT - 364 FT
- ITEM 614 - WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT - 1,262 FT
- ITEM 614 - WORK ZONE ARROW, CLASS III, 642 PAINT - 83 EA

**2** ADDENDUM 2 04/09/21

CALCULATED  
SWC  
CHECKED  
MJC

MAINTENANCE OF TRAFFIC GENERAL NOTES

STA - 241-9.71

20  
395

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