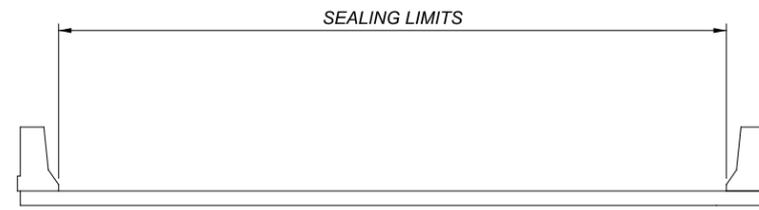


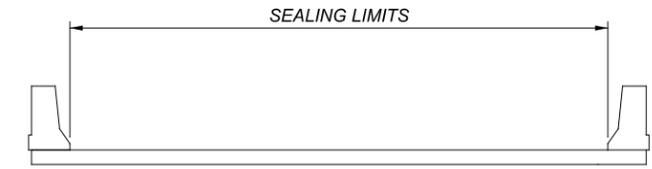
TOE/TOE OF PARAPET

- HAM-71-0970 L
- HAM-71-1068 L
- HAM-71-1277 L
- HAM-71-1824 L
- HAM-71-1989 L



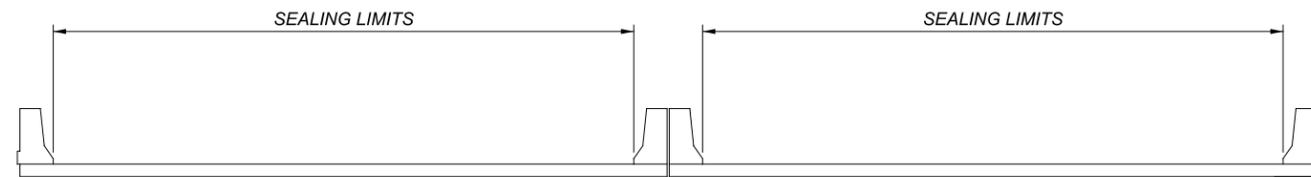
TOE/TOE OF PARAPET

- HAM-71-0970 R
- HAM-71-1068 R
- HAM-71-1277 R
- HAM-71-1824 R
- HAM-71-1989 R



TOE/TOE OF PARAPET

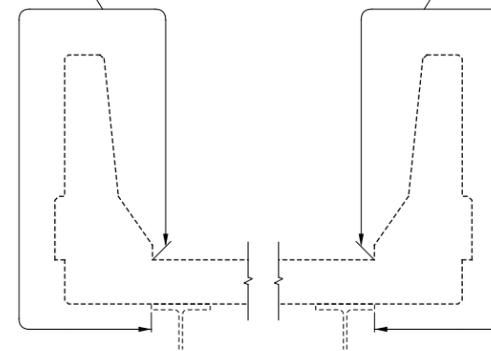
- HAM-71-0154 E
- HAM-71-0197
- HAM-71-0207
- HAM-71-0248 L
- HAM-71-0322 E
- HAM-71-0793 L
- HAM-71-1735
- HAM-71-1773



TOE/TOE OF PARAPET WITH MEDIAN BARRIER

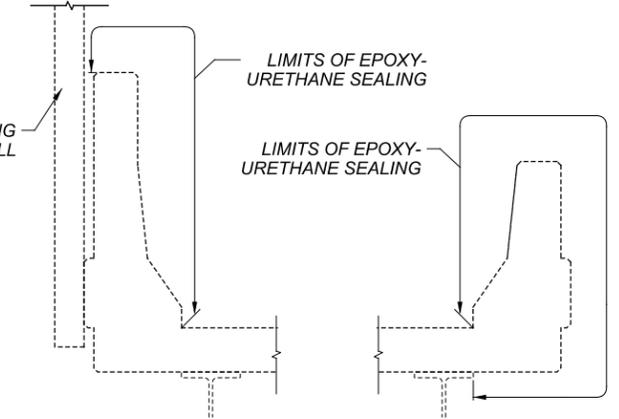
- HAM-71-0111 L
- HAM-71-0111 R
- HAM-71-0450
- HAM-71-0843

LIMITS OF EPOXY-URETHANE SEALING



HAM-71-1824 L/R

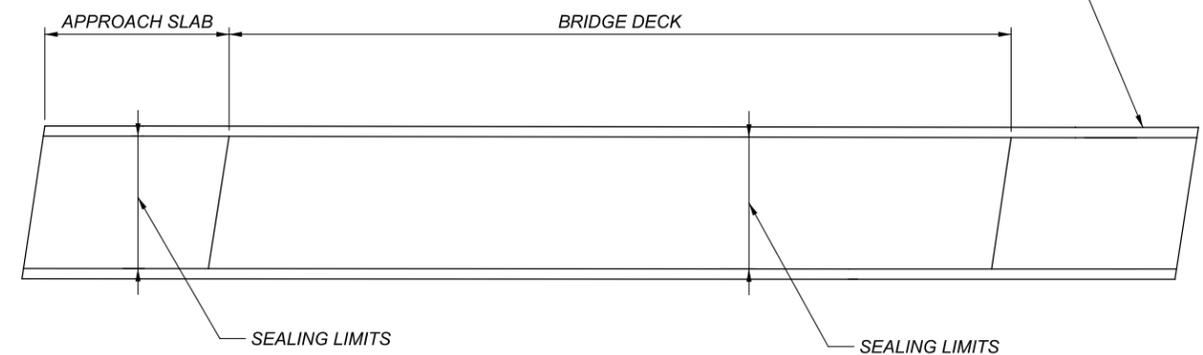
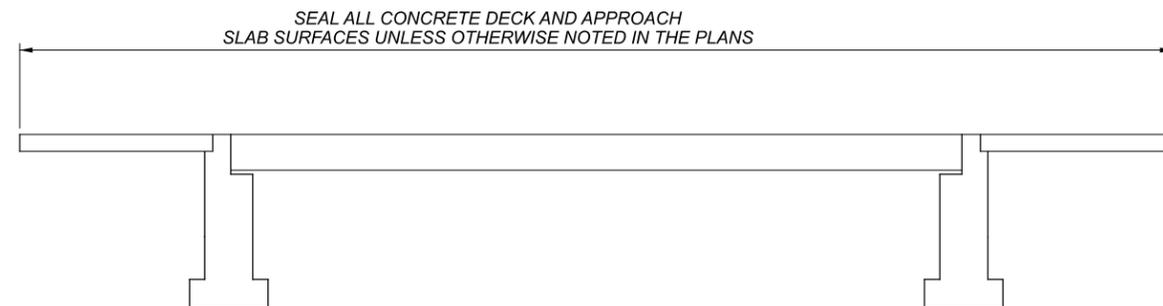
LIMITS OF EPOXY-URETHANE SEALING



HAM-71-1277 L (LEFT SIDE)

HAM-71-1277 L (RT. SIDE)  
HAM-71-1277R (LT. & RT. SIDE)

PARAPET EPOXY URETHANE SEALING LIMITS  
(SEAL ENTIRE LENGTH OF PARAPET)



**UTILITIES**

LISTED BELOW ARE UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS OF THE SPECIFIED BRIDGE LOCATIONS TOGETHER WITH THEIR RESPECTIVE OWNERS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM A REASONABLE SITE INVESTIGATION TO FAMILIARIZE THEMSELVES WITH THE STRUCTURE AS WELL AS THE ADJACENT UTILITIES AND AS TO HOW THEY MAY IMPACT THEIR MEANS AND METHODS. PHOTOGRAPHS OF POTENTIALLY CONFLICTING UTILITIES ARE AVAILABLE ONLINE THROUGH THE FOLLOWING WEBSITE: <https://ftp.dot.state.oh.us/pub/Contracts/Attach/HAM-100804/REFERENCE%20FILES/UTILITIES/>

**BRIDGE No.: HAM-71-1277L/R**

**ALTA FIBER**  
221 E. 4<sup>th</sup> ST., BLDG. 121-900  
CINCINNATI, OH 45201  
513-566-3154 (DERRICK BROWN)  
DERRICK.BROWN@ALTA FIBER.COM

**DUKE ENERGY GAS**  
139 EAST 4<sup>th</sup> ST., ROOM 460A  
CINCINNATI, OH 45202  
OH/KYHOUSEBILL@DUKE-ENERGY.COM

**DUKE ENERGY ELECTRIC (DISTRIBUTION)**  
2010 DANA AVE  
CINCINNATI, OH 45207  
513-508-9609 (SHANE ERHART)  
SHANE.ERHART@DUKE-ENERGY.COM

**CHARTER COMMUNICATIONS**  
10920 KENWOOD ROAD  
BLUE ASH, OHIO 45242  
DL-SOUTHERN-OHIO-OUTSIDE-PLANT@CHARTER.COM  
513-386-5499 (KENT RIEGER)  
KENT.RIEGER@CHARTER.COM

**MCIVERIZON**  
8800 GOVERNOR HILL DR  
CINCINNATI, OH 45249  
254-721-8977 (BRUCE TURKIEWICZ)  
BRUCE.TURKIEWICZ@VERIZON.COM

**LUMEN**  
9490 MERIDIAN WAY  
WEST CHESTER, OHIO 45069  
DIRECT: 513-644-8933 (TERRY SPAW)  
CELL: 513-615-2282  
EMAIL: TERRY.SPAW@LUMEN.COM  
DIRECT: 513-644-8943 (BRUCE MILLER, SUPV.)  
CELL: 513-255-5626  
EMAIL: BRUCE.MILLER@LUMEN.COM

**ODOT D8 TRAFFIC**  
505 SOUTH SR741  
LEBANON, OHIO 45036  
513-933-6692 (JIM JUDD)  
JIM.JUDD@DOT.OHIO.GOV

**ITS (FORMERLY ARTIMIS)**  
ODOT CENTRAL OFFICE OF TRAFFIC ENGINEERING  
1980 WEST BROAD STREET COLUMBUS, OH 43223  
(614) 466-2168 (JASON M. YERAY, P.E.)  
ITS LOCATE LINE: 614-387-4113  
CELL: (614) 940-3991

**BRIDGE No.: HAM-71-1824L/R**

**ALTA FIBER**  
221 E. 4<sup>th</sup> ST., BLDG. 121-900  
CINCINNATI, OH 45201  
513-566-3154 (DERRICK BROWN)  
DERRICK.BROWN@ALTA FIBER.COM

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OH/KYHOUSEBILL@DUKE-ENERGY.COM

**DUKE ENERGY ELECTRIC (DISTRIBUTION)**  
2010 DANA AVE  
CINCINNATI, OH 45207  
513-508-9609 (SHANE ERHART)  
SHANE.ERHART@DUKE-ENERGY.COM

**GREATER CINCINNATI WATER WORKS**  
4747 SPRING GROVE AVENUE  
CINCINNATI, OH 45232  
513-352-3723 (DAN LOUIS)  
DANIEL.LOUIS@GCWW.CINCINNATI-OH.GOV

**PAVEMENT MARKINGS**

THE CONTRACTOR SHALL REFERENCE ALL EXISTING PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS BEFORE THE START OF ANY DECK SEALING. THIS WILL BE NECESSARY TO ASSURE PROPER SHIELDING OF RPMS AND/OR CORRECT REPLACEMENT IN THEIR ORIGINAL AND/OR RECONFIGURED LOCATIONS. PAYMENT FOR THIS WORK SHALL BE INCIDENTAL TO THE RESPECTIVE PROPOSED PAVEMENT MARKING PAY ITEMS.

PLACE PAVEMENT MARKINGS WITHIN 36 HOURS OF COMPLETION OF THE SEALING OPERATION AT LOCATIONS RECEIVING GRAVITY FED RESIN TREATMENT. THE PROPOSED MARKINGS SHALL BE PLACED TO MATCH PRECONSTRUCTION CONDITIONS. FOR QUANTITIES AND LOCATIONS SEE THE PAVEMENT MARKING SUBSUMMARY ON SHEET NUMBER 11.

**BRIDGE DECK AND APPROACH SLAB SEALING**

SEAL ALL BRIDGE DECK SURFACES WITH HMWM OR SOLUBLE REACTIVE SILICATE, AS DESIGNATED IN THE PLANS, PER ITEM 512. ALSO SEAL THE BRIDGE APPROACH SLABS AT ALL STRUCTURES UNLESS OTHERWISE NOTED IN THE PLANS.

FOR DECK AND APPROACH SLAB SEALING QUANTITIES AND STRUCTURE LOCATIONS REFER TO SHEET NUMBER 10.

**EXISTING STRUCTURE VERIFICATION**

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05, 105.02 AND 513.04.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED IN THE FIELD.

**DECK PROTECTION METHOD:**

SEALING OF CONCRETE SURFACES

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**ITEM 201 CLEARING AND GRUBBING, AS PER PLAN**

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING, AS PER PLAN. SEE BELOW FOR PROJECT SPECIFIC REQUIREMENTS.

WHILE PERFORMING CONCRETE SEALING WORK, IF ACCESS IS RESTRICTED DUE TO THE PRESENCE OF VEGETATION, REMOVE SAID VEGETATION A MAXIMUM OF 2' AWAY FROM THE SURFACE TO BE SEALED TO ALLOW ACCESS. THIS WORK, INCLUDING ALL LABOR, EQUIPMENT, AND INCIDENTALS SHALL BE PAID FOR UNDER ITEM 201, CLEARING AND GRUBBING, AS PER PLAN, LUMP SUM.

**ITEM 621 - RPM REFLECTOR, AS PER PLAN**

THIS WORK REQUIRES REMOVAL AND REPLACEMENT OF ALL AFFECTED RPM REFLECTORS PER CMS 621.

**NON-USE OF ASBESTOS-CONTAINING MATERIALS**

THE CONTRACTOR SHALL AT NO TIME INCORPORATE ANY MATERIALS WHICH ARE COMPOSED OF OR CONTAIN ANY AMOUNT OF ASBESTOS. THE SUBSTITUTION OF MATERIALS WHICH CONTAIN ANY AMOUNTS OF ASBESTOS WILL IN NO CIRCUMSTANCES BE ACCEPTABLE. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF CERTIFICATION ASSERTING THAT NO ASBESTOS CONTAINING MATERIALS WERE USED IN ANY PORTION OF THE CONSTRUCTION.

**PROPOSED STRUCTURE REPAIR**

**BRIDGE No.: HAM-71-1277L SFN: 3107027**  
**IR - 71 SOUTHBOUND OVER GALBRAITH ROAD**

PATCH POTHOLES IN DECK IN THE RIGHT LANE OF SOUTHBOUND IR 71 PER PROPOSAL NOTE 512.

QUANTITIES CARRIED TO STRUCTURE SUBSUMMARY:  
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B .... 20 SQ. YD.

REPAIR CRACKS IN CONCRETE BRIDGE RAILING USING EPOXY INJECTIONS ON THE WEST SIDE OF THE BRIDGE. EXACT DIMENSIONS AND LOCATIONS OF REPAIRS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD FOR FINAL PAY QUANTITIES. PHYSICAL INVENTORY OF MEASURED QUANTITIES OF DETERIORATION WAS PERFORMED IN APRIL OF 2024. ESTIMATED QUANTITIES HAVE BEEN INCREASED BY 50% OVER MEASURED QUANTITIES TO ALLOW FOR ADDITIONAL DETERIORATION.

FIELD INSPECTION NOTES AND PHOTOGRAPHS OF THE REPAIR AREAS ARE AVAILABLE ONLINE THROUGH THE FOLLOWING WEBSITE: <https://ftp.dot.state.oh.us/pub/Contracts/Attach/HAM-100804/1277>

QUANTITIES CARRIED TO GENERAL SUMMARY:  
ITEM 512 - CONCRETE REPAIR BY EPOXY INJECTION.... 67 FT

**BRIDGE No.: HAM-71-1277R SFN: 3107051**  
**IR - 71 NORTHBOUND OVER GALBRAITH ROAD**

PATCH POTHOLES IN DECK IN THE CENTER LANE OF NORTHBOUND IR 71 PER PROPOSAL NOTE 512.

QUANTITIES CARRIED TO STRUCTURE SUBSUMMARY:  
ITEM 519 - PATCHING CONCRETE BRIDGE DECK - TYPE B .... 5 SQ. YD.

**BRIDGE No.: HAM-71-1773 SFN: 3107531**  
**RAMP A FROM IR - 71 TO IR - 275 WB OVER IR - 71**

PATCH SPALLING AND UNSOUND PORTION OF CONCRETE BRIDGE RAILING ON THE NORTHEAST SIDE OF THE BRIDGE. EXACT DIMENSIONS AND LOCATIONS OF REPAIRS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD FOR FINAL PAY QUANTITIES. PHYSICAL INVENTORY OF MEASURED QUANTITIES OF DETERIORATION WAS PERFORMED IN APRIL OF 2024. ESTIMATED QUANTITIES HAVE BEEN INCREASED BY 50% OVER MEASURED QUANTITIES TO ALLOW FOR ADDITIONAL DETERIORATION.

FIELD INSPECTION NOTES AND PHOTOGRAPHS OF THE REPAIR AREAS ARE AVAILABLE ONLINE THROUGH THE FOLLOWING WEBSITE: <https://ftp.dot.state.oh.us/pub/Contracts/Attach/HAM-100804/1773>

QUANTITIES CARRIED TO GENERAL SUMMARY:

**NORTH RAIL**  
ITEM 519 - PATCHING CONCRETE STRUCTURE .... 165 SQ. FT.

**SOUTH RAIL**  
ITEM 519 - PATCHING CONCRETE STRUCTURE .... 55 SQ. FT.

**BRIDGE No.: HAM-71-1824L SFN: 3107566**  
**IR - 71 SOUTHBOUND OVER KEMPER ROAD**

REPAIR CRACKS IN CONCRETE BRIDGE RAILING USING EPOXY INJECTIONS ON THE WEST SIDE OF THE BRIDGE. EXACT DIMENSIONS AND LOCATIONS OF REPAIRS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD FOR FINAL PAY QUANTITIES. PHYSICAL INVENTORY OF MEASURED QUANTITIES OF DETERIORATION WAS PERFORMED IN APRIL OF 2024. ESTIMATED QUANTITIES HAVE BEEN INCREASED BY 50% OVER MEASURED QUANTITIES TO ALLOW FOR ADDITIONAL DETERIORATION.

FIELD INSPECTION NOTES AND PHOTOGRAPHS OF THE REPAIR AREAS ARE AVAILABLE ONLINE THROUGH THE FOLLOWING WEBSITE: <https://ftp.dot.state.oh.us/pub/Contracts/Attach/HAM-100804/1824>

QUANTITIES CARRIED TO GENERAL SUMMARY:  
ITEM 512 - CONCRETE REPAIR BY EPOXY INJECTION.... 150 FT

**BRIDGE No.: HAM-71-1824R SFN: 3107590**  
**IR - 71 NORTHBOUND OVER KEMPER ROAD**

REPAIR CRACKS IN CONCRETE BRIDGE RAILING USING EPOXY INJECTIONS ON THE WEST SIDE OF THE BRIDGE. EXACT DIMENSIONS AND LOCATIONS OF REPAIRS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD FOR FINAL PAY QUANTITIES. PHYSICAL INVENTORY OF MEASURED QUANTITIES OF DETERIORATION WAS PERFORMED IN APRIL OF 2024. ESTIMATED QUANTITIES HAVE BEEN INCREASED BY 50% OVER MEASURED QUANTITIES TO ALLOW FOR ADDITIONAL DETERIORATION.

FIELD INSPECTION NOTES AND PHOTOGRAPHS OF THE REPAIR AREAS ARE AVAILABLE ONLINE THROUGH THE FOLLOWING WEBSITE: <https://ftp.dot.state.oh.us/pub/Contracts/Attach/HAM-100804/1824>

QUANTITIES CARRIED TO GENERAL SUMMARY:  
ITEM 512 - CONCRETE REPAIR BY EPOXY INJECTION.... 150 FT

**WINDOW CONTRACT TABLE**

USE THE FOLLOWING TABLE AS REFERRED TO IN THE PROPOSAL:

| DESCRIPTION OR LOCATION OF CRITICAL WORK | CALENDER DAYS TO COMPLETE | DISINCENTIVE \$ PER DAY | WORK WINDOW             |           |
|--|---------------------------|-------------------------|-------------------------|-----------|
|  |                           |                         | START                   | END       |
| COMPLETE ALL WORK AT HAM-71-1824L/R      | 226                       | PER C&MS TABLE 108.07-1 | CONTRACT EXECUTION DATE | 4/15/2025 |

DESIGN AGENCY



DESIGNER

BCP

REVIEWER

GTF MM-DD-YY

PROJECT ID

100804

SHEET

TOTAL

4 | 12

ITEM 614, MAINTAINING TRAFFIC

MAINTAIN ALL EXISTING LANES AT ALL TIMES, EXCEPT LANE CLOSURES ARE PERMITTED IN ACCORDANCE WITH THE PERMITTED LANE CLOSURE TIMES NOTE AND THE LANE VALUE CONTRACT TABLE, BY USE OF THE EXISTING PAVEMENT

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

Table with 2 columns: Holiday Name and Date. Includes New Year's, Memorial Day, Fourth of July, Labor Day, Election Day, Thanksgiving, and Christmas.

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 TIME ALL LANES OR SPECIAL EVENT MUST BE OPEN TO TRAFFIC

Table with 2 columns: Day and Time Range. Lists days from Sunday to Saturday with corresponding time ranges for lane closures.

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

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

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.

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. 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.

NOTICE OF CLOSURE SIGN TIME TABLE. Table with 3 columns: Item, Duration of Closure, Sign Displayed to Public. Rows for Ramp & Road Closures and Lane Closures & Restrictions.

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.

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.

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 LISTED CONTACTS.

NOTIFICATION TIME TABLE. Table with 3 columns: Item, Duration of Closure, Notice Due to Listed Contacts. Rows for Ramp & Road Closures, Lane Closures & Restrictions, and Start of Construction & Traffic Pattern Changes.

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE. CONTACT THE FOLLOWING: -DISTRICT PUBLIC INFORMATION OFFICER BY EMAIL AT DOT.D08.PIO@DOT.OHIO.GOV

WORK ZONE MARKINGS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

- ITEM 614, WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT... 2.88 MI
ITEM 614, WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT... 2.38 MI
ITEM 614, WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT... 2479 FT
ITEM 614, WORK ZONE DOTTED LINE, CLASS I, 8", 642 PAINT... 465 FT
ITEM 614, WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT... 470 FT
ITEM 614, WORK ZONE ARROW, CLASS I, 642 PAINT... 3 EACH

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.

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

PERMITTED LANE CLOSURE SCHEDULE (PLCS)

LANE CLOSURE(S) SHALL CONFORM TO THE PLCS. PUBLISHED PLCS INFORMATION CAN BE FOUND ON THE ODOT WEBSITE AT: HTTPS://WWW.TRANSPORTATION.OHIO.GOV/WPS/PORTAL/GOV/ODOT/WORKING/DATA-TOOLS/RESOURCES/PERMITTED-LANE-CLOSURE

THE MONTHLY PUBLISHED SCHEDULES REQUIRED TO BE USED, FOR EACH PLCS SEGMENT WITHIN THE PROJECT AREA, ARE THOSE THAT COMPRISE THE CONSECUTIVE 12-MONTH PERIOD BEGINNING 15 MONTHS PRIOR TO THE MONTH AND YEAR OF SALE AND ENDING 4 MONTHS PRIOR TO THE MONTH AND YEAR OF SALE.

(FOR EXAMPLE: IF THE SALE DATE FOR THE PROJECT WAS MARCH OF 2021, THE MONTHLY PUBLISHED SCHEDULES FOR EACH APPLICABLE PLCS SEGMENT WOULD BE DECEMBER 2019 TO NOVEMBER 2020. IF THIS WAS A THREE-YEAR PROJECT, YEAR THREE WOULD STILL BE USING THE DECEMBER 2019 TO NOVEMBER 2020 MONTHLY SCHEDULES.

PERMITTED LANE CLOSURE SCHEDULE (PLCS)

MORE RESTRICTIVE CHANGES TO THE ALLOWABLE LANE CLOSURE HOURS ARE AT THE DISCRETION OF THE ENGINEER IN ORDER TO COMPLY WITH THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)).

LESS RESTRICTIVE CHANGES TO THE ALLOWABLE LANE CLOSURE HOURS ARE SUBJECT TO THE TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)) AND SHALL NOT BE IMPLEMENTED UNTIL, AND UNLESS, APPROVED BY THE PROPER ODOT AUTHORITY.

ALLOWABLE LANE CLOSURE HOURS FOR FACILITIES NOT COVERED BY THE PLCS, IF ANY, SHALL BE AS SPECIFIED ELSEWHERE IN THE PLANS.

LANE VALUE CONTRACT TABLE. Table with 4 columns: Description of Critical Lane/Ramp to be Maintained, Restricted Time Period, Time Unit, Disincentive \$ per Time Unit per Lane. Lists various lane closure scenarios and their associated costs.

- 1. THIS CLOSURE IS NOT PERMITTED TO OCCUR 2 HOURS BEFORE TO 2 HOURS AFTER EVENTS AT GREAT AMERICAN BALL PARK, PAYCOR STADIUM, TQL STADIUM OR HERITAGE BANK ARENA. THIS RESTRICTION ALSO APPLIES TO ANY OTHER DOWNTOWN VENUE GENERATING AN EVENT ATTENDANCE OF 10,000+.
2. NO SHORT TERM SHOULDER CLOSURE BETWEEN THE HOURS OF 6 AM TO 9 AM AND 3 PM TO 7 PM MONDAY THROUGH FRIDAY.
3. RAMP CLOSURES ARE PERMITTED TO OCCUR A MAXIMUM OF 3 TIMES PER RAMP. DETOURS SHALL BE PROVIDED THROUGH THE USE OF A PCMS AT THE CLOSURE POINT AND ALONG THE DETOUR ROUTE

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN A NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING THE SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS (CONT.)

SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 1000 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF A LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

APPROVED MAINTENANCE OF TRAFFIC (MOT) POLICY EXCEPTIONS

PORTIONS OF THE MOT PLANS AS DESCRIBED BELOW HAVE APPROVED MOT EXCEPTIONS PER TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)).

APPROVED MOT EXCEPTIONS INCLUDE:

- 1) CLOSE THE RAMP FROM EASTBOUND IR 275 TO NORTHBOUND I-71 TO PERFORM THE CONCRETE BRIDGE DECK SEALING. THIS CLOSURE IS PERMITTED TO OCCUR FROM 9 PM TO 6 AM, OCCURING A MAXIMUM OF 3 TIMES.
2) CLOSE THE RAMP FROM NORTHBOUND I-71 TO WESTBOUND IR 275 TO PERFORM THE CONCRETE BRIDGE DECK SEALING. THIS CLOSURE IS PERMITTED TO OCCUR FROM 9 PM TO 6 AM, OCCURING A MAXIMUM OF 3 TIMES.

2 PCMS SHALL BE USED TO PROVIDE NOTICE OF CLOSURE AND DETOUR INFORMATION BEFORE AND DURING THE CLOSURE. ONLY ONE RAMP IS PERMITTED TO BE CLOSED AT A TIME.

A MAINTENANCE OF TRAFFIC MEETING SHALL BE HELD A MINIMUM OF 30 CALENDAR DAYS PRIOR TO IMPLEMENTATION OF EACH APPROVED MOT EXCEPTION. THIS MEETING SHALL INCLUDE THE DISTRICT WORK ZONE TRAFFIC MANAGER & HAMILTON COUNTY ADMINISTRATOR, AS WELL AS THE CONTRACTOR, AND ANY SUBCONTRACTORS INVOLVED WITH TEMPORARY TRAFFIC CONTROL.

IN ADDITION TO ANY NOTIFICATIONS REQUIRED IN OTHER NOTES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AT LEAST 3 BUSINESS DAYS IN ADVANCE OF IMPLEMENTATION OF THE APPROVED MOT EXCEPTIONS REFERENCED ABOVE SO THAT THE PROJECT ENGINEER CAN SEND EMAIL NOTIFICATION TO THE OFFICE OF ROADWAY ENGINEERING, STATEWIDE TMC, DWZTM AND SPECIAL HAULING PERMITS AT LEAST 2 BUSINESS DAYS IN ADVANCE OF THE IMPLEMENTATION OF THE APPROVED MOT EXCEPTION(S) REFERENCED ABOVE. REFERENCE "EXCEPTION REQUEST APPROVAL DATED 4/17/2024 FOR PID 100804" IN THE NOTIFICATION AND OTHER CORRESPONDENCE.

ANY CHANGES TO THE MOT THAT IMPACT THE PREVIOUSLY APPROVED MOT EXCEPTIONS LISTED ABOVE SHALL BE APPROVED IN WRITING BY THE MOT EXCEPTION COMMITTEE (MOTEC). IN THE EVENT THAT SUCH CHANGES ARE PROPOSED, THE REQUEST SHALL BE COORDINATED THROUGH THE DISTRICT WORK ZONE TRAFFIC MANAGER (DWZTM) A MINIMUM OF 30 CALENDAR DAYS PRIOR TO THE DESIRED IMPLEMENTATION DATE. IF THE DISTRICT AGREES WITH THE PROPOSED CHANGES THE DWZTM SHALL SEEK APPROVAL FROM THE MOTEC. IN THE EVENT THE PROPOSED CHANGES ARE APPROVED IN WRITING, THE CLOSURES ARE STILL SUBJECT TO NOTIFICATION REQUIREMENTS WITHIN THIS NOTE PRIOR TO IMPLEMENTATION.

WORK ZONE SPEED ZONES (WZSZS)

THE FOLLOWING WORK ZONE SPEED ZONE (WZSZ) SPEED LIMIT REVISION(S) HAVE BEEN APPROVED FOR USE ON THIS PROJECT WHEN WORK ZONE CONDITIONS AND FACTORS ARE MET AS DESCRIBED BELOW:

Table with 3 columns: WZSZ REV NUMBER, COUNTY-ROUTE-SECTION, DIRECTION. Rows include WZ-45127A through WZ-45127I with corresponding location and direction data.

POTENTIAL WZSZ LOCATIONS SHALL HAVE AN ORIGINAL (PRECONSTRUCTION) POSTED SPEED LIMIT OF 55 MPH OR GREATER, A QUALIFYING WORK ZONE CONDITION OF AT LEAST 0.5 MILE IN LENGTH, AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS, AND A WORK ZONE CONDITION IN PLACE THAT REDUCES THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS (I.E., LANE CLOSURE, LANE SHIFT, CROSSOVER, CONTRAFLOW AND/OR SHOULDER CLOSURE). THE LENGTH OF THE WORK ZONE CONDITION IS MEASURED FROM THE BEGINNING OF THE TAPER FOR THE SUBJECT WORK ZONE CONDITION IMPACTING THE TRAVEL LANES AND/OR SHOULDER TO THE END OF THE DOWNSTREAM TAPER, WHERE DRIVERS ARE RETURNED TO TYPICAL ALIGNMENT. AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS IS REQUIRED TO BALANCE THE ADDITIONAL EXPOSURE CREATED BY INSTALLING AND REMOVING WZSZ SIGNING WITH THE TIME NEEDED TO COMPLETE THE WORK.

IF THE WORK ZONE MEETS THESE MINIMUM CRITERIA, IT SHALL BE ANALYZED FURTHER USING TABLE 1 BELOW TO DETERMINE IF AND WHEN IT QUALIFIES FOR A SPEED LIMIT REDUCTION. DEPENDING ON THE ORIGINAL POSTED SPEED LIMIT, THE TYPE OF TEMPORARY TRAFFIC CONTROL USED, AND WHETHER OR NOT WORKERS ARE PRESENT, A WARRANTED WZSZ WILL VARY IN THE APPROVED SPEED LIMIT TO BE POSTED OVER TIME.

C&MS ITEM 614, PARAGRAPH 614.02(B), INDICATES THAT TWO DIRECTIONS OF A DIVIDED HIGHWAY ARE CONSIDERED SEPARATE HIGHWAY SECTIONS. THEREFORE, IF THE WORK ON A MULTI-LANE DIVIDED HIGHWAY IS LIMITED TO ONLY ONE DIRECTION, A SPEED LIMIT REDUCTION IN THE DIRECTION OF THE WORK DOES NOT AUTOMATICALLY CONSTITUTE A SPEED LIMIT REDUCTION IN THE OPPOSITE DIRECTION. EACH DIRECTION SHALL BE ANALYZED INDEPENDENTLY FROM EACH OTHER.

ALL WZSZS FLUCTUATE BETWEEN TWO APPROVED REDUCED SPEED LIMITS OR BETWEEN AN APPROVED REDUCED SPEED LIMIT AND THE ORIGINAL POSTED SPEED LIMIT. ONLY ONE OF TWO SIGNING STRATEGIES SHALL BE USED TO IMPLEMENT A WZSZ.

[WZSZS USING DSL SIGN ASSEMBLIES SHALL BE IN ACCORDANCE WITH THE NOTE, APPROVED LIST, SUPPLEMENTAL SPECIFICATIONS (SS) 808 AND 908, AND TRAFFIC SCD MT-104.10.]

WORK ZONE SPEED ZONES (WZSZS) (CONTINUED)

[WZSZS USING TEMPORARY FLATSHEET SPEED LIMIT SIGNS SHALL BE IN ACCORDANCE WITH THIS NOTE AND SCD MT-104.10. ADDITIONALLY PAYMENT MAY BE REMOVED, OR A DISINCENTIVE APPLIED, FOR WZSZS USING TEMPORARY FLATSHEET SPEED LIMIT SIGNS THE SAME AS DESCRIBED IN THE MOST RECENT PUBLICATION OF SS 808 IN REGARDS TO WZSZS USING DSL SIGN ASSEMBLIES (SEE SS 808.06 PARAGRAPHS 4 THROUGH 7, INCLUDING TABLE 1).]

ONLY ONE WARRANTED SPEED LIMIT APPLIES AT ANY ONE TIME; SPEED LIMIT REDUCTIONS ARE NOT CUMULATIVE. WZSZS SHALL NOT BE USED FOR MOVING/MOBILE ACTIVITIES, AS DEFINED IN OMUTCD PART 6.

WHEN LOOKING UP THE WARRANTED WORK ZONE SPEED LIMITS, ALWAYS USE THE ORIGINAL, PRECONSTRUCTION, POSTED SPEED LIMIT. DO NOT USE A PRIOR OR CURRENT WORK ZONE SPEED LIMIT AS A LOOK UP VALUE IN THE TABLE. POSITIVE PROTECTION IS GENERALLY REGARDED AS PORTABLE BARRIER OR OTHER RIGID BARRIER IN USE ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WITHOUT POSITIVE PROTECTION IS GENERALLY REGARDED AS USING DRUMS, CONES, SHADOW VEHICLE, ETC., ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WORKERS ARE CONSIDERED AS BEING PRESENT WHEN ON-SITE, WORKING WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WHEN THE WORK ZONE CONDITION REDUCING THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS IS REMOVED, THE SPEED LIMIT DISPLAYED SHALL RETURN TO THE ORIGINAL POSTED SPEED LIMIT.

TABLE 1: WARRANTED WORK ZONE SPEED LIMITS (MPH) FOR WORK ZONES ON HIGH-SPEED (55 MPH OR GREATER) MULTI-LANE HIGHWAYS

Table with 5 columns: ORIGINAL POSTED SPEED LIMIT, WITH POSITIVE PROTECTION WORKERS PRESENT, WITH POSITIVE PROTECTION WORKERS NOT PRESENT, WITHOUT POSITIVE PROTECTION WORKERS PRESENT, WITHOUT POSITIVE PROTECTION WORKERS NOT PRESENT. Rows show speed limit reductions for 70, 65, 60, and 55 mph.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 808, DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY 6 SIGN MNTH ASSUMING 2 DSL SIGN ASSEMBLYIES FOR 3 MONTHS

DESIGN AGENCY



DESIGNER

GTF

REVIEWER

SK MM-DD-YY

PROJECT ID

100804

SHEET

TOTAL

6 | 12



| SHEET NUM. |       |       |   |       |    |    |  |  |  |  | PART.     |           | ITEM | ITEM EXT | GRAND TOTAL | UNIT | DESCRIPTION  | SEE SHEET NO. |
|------------|-------|-------|---|-------|----|----|--|--|--|--|-----------|-----------|------|----------|-------------|------|--|---------------|
| 4          | 5     | 6     | 7 | 10    | 11 | 12 |  |  |  |  | 01/IMS/47 | 02/NHS/47 |      |          |             |      |  |               |
|            |       |       |   |       |    |    |  |  |  |  |           |           |      |          |             |      |  |               |
|            |       |       |   | 1,060 |    |    |  |  |  |  | 1,060     |           | 512  | 10400    | 1,060       | SY   | STRUCTURE REPAIR (HAM-71-1735)<br>TREATING OF CONCRETE BRIDGE DECK WITH SRS              |               |
|            |       |       |   | 829   |    |    |  |  |  |  | 829       |           | 512  | 10400    | 829         | SY   | STRUCTURE REPAIR (HAM-71-1773)<br>TREATING OF CONCRETE BRIDGE DECK WITH SRS              |               |
| 220        |       |       |   |       |    |    |  |  |  |  | 220       |           | 519  | 11100    | 220         | SF   | PATCHING CONCRETE STRUCTURE  |               |
|            |       |       |   | 2,199 |    |    |  |  |  |  | 2,199     |           | 512  | 10400    | 2,199       | SY   | STRUCTURE REPAIR (HAM-71-1824L)<br>TREATING OF CONCRETE BRIDGE DECK WITH SRS             |               |
|            |       |       |   | 497   |    |    |  |  |  |  | 497       |           | 512  | 10100    | 497         | SY   | SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)  |               |
|            |       |       |   | 497   |    |    |  |  |  |  | 497       |           | 512  | 74000    | 497         | SY   | REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES                                      |               |
|            |       |       |   | 150   |    |    |  |  |  |  | 150       |           | 512  | 10600    | 150         | FT   | CONCRETE REPAIR BY EPOXY INJECTION   |               |
|            |       |       |   | 2,199 |    |    |  |  |  |  | 2,199     |           | 512  | 10400    | 2,199       | SY   | STRUCTURE REPAIR (HAM-71-1824R)<br>TREATING OF CONCRETE BRIDGE DECK WITH SRS             |               |
|            |       |       |   | 497   |    |    |  |  |  |  | 497       |           | 512  | 10100    | 497         | SY   | SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)  |               |
|            |       |       |   | 497   |    |    |  |  |  |  | 497       |           | 512  | 74000    | 497         | SY   | REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES                                      |               |
|            |       |       |   | 150   |    |    |  |  |  |  | 150       |           | 512  | 10600    | 150         | FT   | CONCRETE REPAIR BY EPOXY INJECTION   |               |
|            |       |       |   | 2,181 |    |    |  |  |  |  | 2,181     |           | 512  | 73500    | 2,181       | SY   | STRUCTURE REPAIR (HAM-71-1989L)<br>TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN |               |
|            |       |       |   | 3,109 |    |    |  |  |  |  | 3,109     |           | 512  | 10400    | 3,109       | SY   | STRUCTURE REPAIR (HAM-71-1989R)<br>TREATING OF CONCRETE BRIDGE DECK WITH SRS             |               |
|            |       | 1,000 |   |       |    |    |  |  |  |  | 850       | 150       | 614  | 11110    | 1,000       | HOUR | MAINTENANCE OF TRAFFIC<br>LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE         |               |
|            |       |       | 6 |       |    |    |  |  |  |  | 6         |           | 614  | 18600    | 6           | SNMT | PORTABLE CHANGEABLE MESSAGE SIGN   |               |
|            | 2.38  |       |   |       |    |    |  |  |  |  | 2.38      |           | 614  | 20110    | 2.38        | MILE | WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT  |               |
|            | 2.88  |       |   |       |    |    |  |  |  |  | 2.66      | 0.22      | 614  | 22110    | 2.88        | MILE | WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT  |               |
|            | 2,479 |       |   |       |    |    |  |  |  |  | 2,479     |           | 614  | 23210    | 2,479       | FT   | WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT                                     |               |
|            | 465   |       |   |       |    |    |  |  |  |  | 465       |           | 614  | 24204    | 465         | FT   | WORK ZONE DOTTED LINE, CLASS I, 8", 642 PAINT  |               |
|            | 470   |       |   |       |    |    |  |  |  |  | 470       |           | 614  | 25200    | 470         | FT   | WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT                                   |               |
|            | 3     |       |   |       |    |    |  |  |  |  | 3         |           | 614  | 30200    | 3           | EACH | WORK ZONE ARROW, CLASS I, 642 PAINT  |               |
|            | 6     |       |   |       |    |    |  |  |  |  | 6         |           | 808  | 18700    | 6           | SNMT | DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY  |               |
|            |       |       |   |       |    |    |  |  |  |  | LUMP      | LUMP      | 614  | 11000    | LS          |      | INCIDENTALS<br>MAINTAINING TRAFFIC   |               |
|            |       |       |   |       |    |    |  |  |  |  | LUMP      | LUMP      | 623  | 10000    | LS          |      | CONSTRUCTION LAYOUT STAKES AND SURVEYING   |               |
|            |       |       |   |       |    |    |  |  |  |  | LUMP      | LUMP      | 624  | 10000    | LS          |      | MOBILIZATION   |               |

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

BCP

REVIEWER

GTF MM-DD-YY

PROJECT ID

100804

SHEET

9

TOTAL

12

| PLAN SPLIT    | Bridge Number | SFN     | Feature Intersected   | SEAL DECK |     | SEAL APPROACH SLAB | EPOXY-URETHANE SEALER |                     | DECK                 |           |          | APPROACH SLAB | Totals       |              |             | SPECIAL COMMENTS |   |            |
|---------------|---------------|---------|-----------------------|-----------|-----|--------------------|-----------------------|---------------------|----------------------|-----------|----------|---------------|--------------|--------------|-------------|------------------|---|------------|
|               |               |         |                       | GFR       | SRS |                    | PARAPET               | PERIMETER (LEFT) FT | PERIMETER (RIGHT) FT | Length FT | Width FT |               | Area SQ. FT. | Area SQ. FT. | SRS S.Y.    |                  | GFR S.Y.  | Epoxy S.Y. |
|               |               |         |                       |           |     |                    |                       |                     |                      |           |          |               |              |              |             |                  |   |            |
| 01/IMS/47     | HAM-71-0111R  | 3106551 | Broadway              | Y         | N   | Y                  | N                     |                     |                      | 459.5     | 44.34    | 20376         | 2217         | 0            | 2510        | 0                |   |            |
| 02/NHS/47     | HAM-71-0154E  | 3106594 | Butler Street         | Y         | N   | Y                  | N                     |                     |                      | 332       | 23.58    | 7829          | 1179         | 0            | 1001        | 0                |   |            |
| 01/IMS/47     | HAM-71-0197   | 3106667 | Ramp US22/3 E IR71 NB | N         | Y   | Y                  | N                     |                     |                      | 280       | 127.41   | 35676         | 6371         | 4672         | 0           | 0                |   |            |
| 02/NHS/47     | HAM-71-0207   | 3106683 | NB471/US22            | N         | Y   | Y                  | N                     |                     |                      | 761       | 29.79    | 22669         | 1489         | 2684         | 0           | 0                |   |            |
| 01/IMS/47     | HAM-71-0248L  | 3106780 | US42 ramp             | N         | Y   | Y                  | N                     |                     |                      | 755       | 54.33    | 41021         | 2717         | 4860         | 0           | 0                |   |            |
| 01/IMS/47     | HAM-71-0450   | 3114562 | Victory Parkway       | N         | Y   | Y                  | N                     |                     |                      | 221       | 172.95   | 38223         | 8648         | 5208         | 0           | 0                |   |            |
| 01/IMS/47     | HAM-71-0793L  | 3115038 | SR562                 | N         | Y   | Y                  | N                     |                     |                      | 625       | 70.42    | 44010         | 3521         | 5281         | 0           | 0                |   |            |
| 02/NHS/47     | HAM-71-0843S  | 3115224 | Ridge Ave             | N         | Y   | Y                  | N                     |                     |                      | 178       | 30.00    | 5340          | 1500         | 760          | 0           | 0                |   |            |
| 01/IMS/47     | HAM-71-0970R  | 3115321 | Red Bank Road         | N         | Y   | Y                  | N                     |                     |                      | 163       | 83.00    | 13529         | 4150         | 1964         | 0           | 0                |   |            |
| 01/IMS/47     | HAM-71-0970L  | 3115313 | Red Bank Road         | N         | Y   | Y                  | N                     |                     |                      | 163       | 94.00    | 15322         | 4700         | 2225         | 0           | 0                |   |            |
| 01/IMS/47     | HAM-71-1068L  | 3106888 | Stewart Road          | N         | Y   | Y                  | N                     |                     |                      | 263       | 57.50    | 15122         | 2875         | 2000         | 0           | 0                |   |            |
| 01/IMS/47     | HAM-71-1068R  | 3106896 | Stewart Road          | N         | Y   | Y                  | N                     |                     |                      | 288       | 92.99    | 26781         | 4649         | 3492         | 0           | 0                |   |            |
| 01/IMS/47     | HAM-71-1277R  | 3107051 | Galbraith Road        | N         | Y   | N                  | Y                     | 9                   | 9                    | 148.5     | 66.76    | 9914          | 0            | 1102         | 0           | 297              | SEE GENERAL NOTES - PROPOSED STRUCTURE PATCHING |            |
| 01/IMS/47     | HAM-71-1277L  | 3107027 | Galbraith Road        | Y         | N   | N                  | Y                     | 5.2                 | 9                    | 148.5     | 60.83    | 9033          | 0            | 0            | 1004        | 234              | SEE GENERAL NOTES - PROPOSED STRUCTURE PATCHING |            |
| 01/IMS/47     | HAM-71-1735   | 3107442 | IR71                  | N         | Y   | N                  | N                     |                     |                      | 323       | 29.53    | 9537          | 0            | 1060         | 0           | 0                |   |            |
| 01/IMS/47     | HAM-71-1773   | 3107531 | Ramp A                | N         | Y   | N                  | N                     |                     |                      | 246       | 30.32    | 7459          | 0            | 829          | 0           | 0                | SEE GENERAL NOTES - PROPOSED STRUCTURE PATCHING |            |
| 01/IMS/47     | HAM-71-1824L  | 3107566 | Kemper Road           | N         | Y   | Y                  | Y                     |                     |                      | 213       | 75.25    | 16028         | 3762         | 2199         | 0           | 497              |   |            |
| 01/IMS/47     | HAM-71-1824R  | 3107590 | Kemper Road           | N         | Y   | Y                  | Y                     |                     |                      | 213       | 75.25    | 16028         | 3762         | 2199         | 0           | 497              |   |            |
| 01/IMS/47     | HAM-71-1989L  | 3107752 | Fields Ertel Road     | Y         | N   | N                  | N                     |                     |                      | 293       | 67.00    | 19631         | 0            | 0            | 2181        | 0                |   |            |
| 01/IMS/47     | HAM-71-1989R  | 3107760 | Fields Ertel Road     | N         | Y   | N                  | N                     |                     |                      | 293       | 95.50    | 27981         | 0            | 3109         | 0           | 0                |   |            |
| <b>TOTALS</b> |               |         |                       |           |     |                    |                       |                     |                      |           |          |               | <b>43643</b> | <b>6696</b>  | <b>1525</b> |                  |   |            |

NOTE:  
 1) SEAL APPROACH SLABS WITH SAME SEALER AS DECK

**LEGEND**

SRS = SOLUBLE REACTIVE SILICATE

GFR = GRAVITY FED RESIN

**NOTE:**

1. QUANTITIES CARRIED TO GENERAL SUMMARY

ESTIMATED QUANTITIES - BRIDGE SEALING

SFN  
 SEE TABLE  
 DESIGN AGENCY



DESIGNER CHECKER  
 BCP GTF

REVIEWER  
 CAH MM-DD-YY

PROJECT ID  
 100804

|        |       |
|--------|-------|
| SUBSET | TOTAL |
| 1      | 3     |

|       |       |
|-------|-------|
| SHEET | TOTAL |
| 10    | 12    |

| PART                              | BRIDGE NUMBER | SFN     | 642                  |        |                      |       |                        |                              |                         |                    |      |       | 512         |                          |                          |
|-----------------------------------|---------------|---------|----------------------|--------|----------------------|-------|------------------------|------------------------------|-------------------------|--------------------|------|-------|-------------|--------------------------|--------------------------|
|                                   |               |         | EDGE LINE 6", TYPE 1 |        | LANE LINE 6", TYPE 1 |       | 12" CHANNEL-IZING LINE | 24" TRANSVERSE DIAGONAL LINE | WRONG WAY ARROW, TYPE 1 | LANE ARROW, TYPE 1 |      |       | DOTTED LINE | PAVEMENT MARKING REMOVED | PAVEMENT MARKING REMOVED |
|                                   |               |         | WHITE                | YELLOW | DASHED               | SOLID |                        |                              |                         | THRU               | TURN |       |             |                          |                          |
|                                   |               |         | MILE                 | MILE   | MILE                 | MILE  | WHITE                  | WHITE                        | EACH                    | EACH               | LEFT | RIGHT | FT          | FT                       | EACH                     |
| 01/IMS/47                         | HAM-71-0111R  | 3106551 | 0.10                 | 0.10   | 0.10                 |       | 400                    |                              |                         |                    |      |       |             | 1929                     |                          |
| 02/NHS/47                         | HAM-71-0154E  | 3106594 | 0.07                 | 0.07   |                      |       |                        |                              |                         |                    |      |       | 764         |                          |                          |
| 01/IMS/47                         | HAM-71-0197   | 3106667 | 0.12                 | 0.12   | 0.12                 |       |                        |                              |                         |                    |      | 45    | 1875        |                          |                          |
| 01/NHS/47                         | HAM-71-0207   | 3106683 | 0.15                 | 0.15   |                      |       | 260                    | 170                          | 1                       | 1                  | 1    | 1     | 2052        | 4                        |                          |
| 01/IMS/47                         | HAM-71-0248L  | 3106780 | 0.15                 | 0.15   | 0.54                 |       | 441                    |                              |                         |                    |      |       | 4888        |                          |                          |
| 01/IMS/47                         | HAM-71-0450   | 3114562 | 0.09                 | 0.09   | 0.30                 |       |                        |                              |                         |                    |      | 271   | 2852        |                          |                          |
| 01/IMS/47                         | HAM-71-0793L  | 3115038 | 0.13                 | 0.13   | 0.36                 |       |                        |                              |                         |                    |      |       | 3275        |                          |                          |
| 02/NHS/47                         | HAM-71-0843S  | 3115224 | 0.04                 | 0.04   |                      |       |                        |                              |                         |                    |      |       | 506         |                          |                          |
| 01/IMS/47                         | HAM-71-0970R  | 3115321 | 0.04                 | 0.04   | 0.07                 |       | 376                    |                              |                         |                    |      |       | 1178        |                          |                          |
| 01/IMS/47                         | HAM-71-0970L  | 3115313 | 0.04                 | 0.04   | 0.07                 |       | 376                    | 125                          |                         |                    |      |       | 1303        |                          |                          |
| 01/IMS/47                         | HAM-71-1068L  | 3106888 | 0.06                 | 0.06   | 0.11                 |       |                        |                              |                         |                    |      |       | 1202        |                          |                          |
| 01/IMS/47                         | HAM-71-1068R  | 3106896 | 0.06                 | 0.06   | 0.12                 |       | 626                    | 175                          |                         |                    |      |       | 2103        |                          |                          |
| 01/IMS/47                         | HAM-71-1277R  | 3107051 | 0.03                 | 0.03   | 0.06                 |       |                        |                              |                         |                    |      |       | 594         |                          |                          |
| 01/IMS/47                         | HAM-71-1277L  | 3107027 | 0.03                 | 0.03   | 0.06                 |       |                        |                              |                         |                    |      | 149   | 743         |                          |                          |
| 01/IMS/47                         | HAM-71-1735   | 3107442 | 0.06                 | 0.06   |                      |       |                        |                              |                         |                    |      |       | 646         |                          |                          |
| 01/IMS/47                         | HAM-71-1773   | 3107531 | 0.05                 | 0.05   |                      |       |                        |                              |                         |                    |      |       | 492         |                          |                          |
| 01/IMS/47                         | HAM-71-1824L  | 3107566 | 0.05                 | 0.05   | 0.13                 |       |                        |                              |                         |                    |      |       | 1215        |                          |                          |
| 01/IMS/47                         | HAM-71-1824R  | 3107590 | 0.05                 | 0.05   | 0.13                 |       |                        |                              |                         |                    |      |       | 1215        |                          |                          |
| 01/IMS/47                         | HAM-71-1989L  | 3107752 | 0.06                 | 0.06   | 0.11                 |       |                        |                              |                         |                    |      |       | 1172        |                          |                          |
| 01/IMS/47                         | HAM-71-1989R  | 3107760 | 0.06                 | 0.06   | 0.11                 |       |                        |                              |                         |                    |      |       | 1172        |                          |                          |
| TOTALS CARRIED TO GENERAL SUMMARY |               |         | 2.88                 |        | 2.38                 |       | 2479                   | 470                          | 1                       | 3                  |      |       | 465         | 31176                    | 4                        |

ESTIMATED QUANTITIES - PAVEMENT MARKINGS

SFN  
 SEE TABLE  
 DESIGN AGENCY  
  
 DESIGNER: GTF  
 CHECKER: CAH  
 REVIEWER: TCS MM-DD-YY  
 PROJECT ID: 100804  
 SUBSET: 2 TOTAL: 3  
 SHEET: 11 TOTAL: 12

| PART      | BRIDGE NUMBER | SFN     | 621                        | PRISMATIC RETRO-REFLECTOR COLORS |        |                  |                   |               | REMARKS |
|-----------|---------------|---------|----------------------------|----------------------------------|--------|------------------|-------------------|---------------|---------|
|           |               |         | RPM REFLECTOR, AS PER PLAN | ONE-WAY                          |        | TWO-WAY          |                   |               |         |
|           |               |         |                            | WHITE                            | YELLOW | YELLOW/<br>WHITE | YELLOW/<br>YELLOW | WHITE/<br>RED |         |
| EACH      | EACH          | EACH    | EACH                       | EACH                             | EACH   | EACH             | EACH              |               |         |
| 01/IMS/47 | HAM-71-0111R  | 3106551 | 7                          | 7                                |        |                  |                   |               |         |
| 02/NHS/47 | HAM-71-0154E  | 3106594 | 0                          |                                  |        |                  |                   |               |         |
| 01/IMS/47 | HAM-71-0197   | 3106667 | 0                          |                                  |        |                  |                   |               |         |
| 01/NHS/47 | HAM-71-0207   | 3106683 | 28                         |                                  | 11     |                  |                   | 17            |         |
| 01/IMS/47 | HAM-71-0248L  | 3106780 | 48                         | 48                               |        |                  |                   |               |         |
| 01/IMS/47 | HAM-71-0450   | 3114562 | 0                          |                                  |        |                  |                   |               |         |
| 01/IMS/47 | HAM-71-0793L  | 3115038 | 0                          |                                  |        |                  |                   |               |         |
| 02/NHS/47 | HAM-71-0843S  | 3115224 | 3                          |                                  | 3      |                  |                   |               |         |
| 01/IMS/47 | HAM-71-0970L  | 3115313 | 6                          |                                  |        |                  |                   | 6             |         |
| 01/IMS/47 | HAM-71-0970R  | 3115321 | 10                         |                                  |        |                  |                   | 10            |         |
| 01/IMS/47 | HAM-71-1068L  | 3106888 | 0                          |                                  |        |                  |                   |               |         |
| 01/IMS/47 | HAM-71-1068R  | 3106896 | 22                         | 6                                |        |                  |                   | 16            |         |
| 01/IMS/47 | HAM-71-1277R  | 3107051 | 4                          | 4                                |        |                  |                   |               |         |
| 01/IMS/47 | HAM-71-1277L  | 3107027 | 4                          | 4                                |        |                  |                   |               |         |
| 01/IMS/47 | HAM-71-1735   | 3107442 | 4                          |                                  | 4      |                  |                   |               |         |
| 01/IMS/47 | HAM-71-1773   | 3107531 | 4                          |                                  | 4      |                  |                   |               |         |
| 01/IMS/47 | HAM-71-1824L  | 3107566 | 6                          | 6                                |        |                  |                   |               |         |
| 01/IMS/47 | HAM-71-1824R  | 3107590 | 6                          | 6                                |        |                  |                   |               |         |
| 01/IMS/47 | HAM-71-1989L  | 3107752 | 0                          |                                  |        |                  |                   |               |         |
| 01/IMS/47 | HAM-71-1989R  | 3107760 | 0                          |                                  |        |                  |                   |               |         |
| TOTALS    |               |         | 152                        | 81                               | 22     |                  |                   | 49            |         |

ESTIMATED QUANTITIES - RAISED PAVEMENT MARKERS

SFN  
SEE TABLE  
DESIGN AGENCY



DESIGNER CHECKER  
GTF CAH

REVIEWER  
TCS MM-DD-YY

PROJECT ID  
100804

|        |       |
|--------|-------|
| SUBSET | TOTAL |
| 3      | 3     |

|       |       |
|-------|-------|
| SHEET | TOTAL |
| 12    | 12    |